## Features _ icon

- Weekly Program
- Turbo Fan
- High Head Drain Pump
- Low Standby Power
- Auto Restart
- Central Controller(Accessory)
- Group Control
- Child Lock Function
- Two Thermistor Control
- Auto Changeover
- Long & High Elevation Piping
- Hot Start
- Zone Control (Optional)
- Wireless Remote Controller
- Jet Cool
- Auto Operation
- 7-Hour OFF Setting Timer
- 24-Hour ON/OFF Setting Timer
- Duct Operation

LG
Life's Good

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http://www.lg.com





# LG COMMERCIAL AIR CONDITIONERS 2011

Enjoy Clean, Quiet, and Comfortable Air Conditioning with LG.

LG
Life's Good

# Vitalize with Good Air

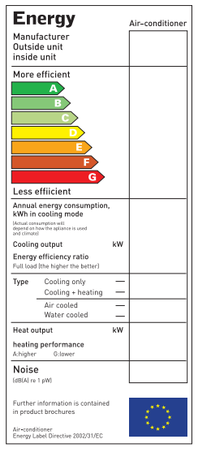
In today's modern world, optimal living often comes at the expense of causing harm to the environment. Yet our health and well being are two values that should never be compromised.

LG remains committed to providing reliable and energy-efficient air conditioning solutions for both your family and business so that you can live better without worrying about hurting Mother Nature.

Thanks to our innovative technology, our air conditioners are safe to use for your home and deliver cost-effective solutions for your office environment.

At LG we pride ourselves in protecting the planet. From production to disposal we use only eco-friendly refrigerants and components to ensure our products keep the earth green for generations to come.

Comfortable living in a sustainable world that is at the heart of every LG product.




## Energy Efficiency Class of The Unit In Cooling Mode :

| | |
|---|---|
| A | EER ⟩ 3.20 |
| B | 3.20 ≥ EER ⟩ 3.00 |
| C | 3.00 ≥ EER ⟩ 2.80 |
| D | 2.80 ≥ EER ⟩ 2.60 |
| E | 2.60 ≥ EER ⟩ 2.40 |
| F | 2.40 ≥ EER ⟩ 2.20 |
| G | 2.20 ≥ EER |

## Energy Efficiency Class of The Unit In Heating Mode :

| | |
|---|---|
| A | COP ⟩ 3.60 |
| B | 3.60 ≥ COP ⟩ 3.40 |
| C | 3.40 ≥ COP ⟩ 3.20 |
| D | 3.20 ≥ COP ⟩ 2.80 |
| E | 2.80 ≥ COP ⟩ 2.60 |
| F | 2.60 ≥ COP ⟩ 2.40 |
| G | 2.40 ≥ COP |

## Design Award

International Forum Design

reddot design award

Good Design Mark

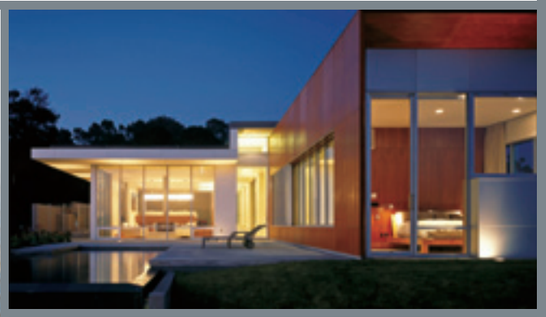
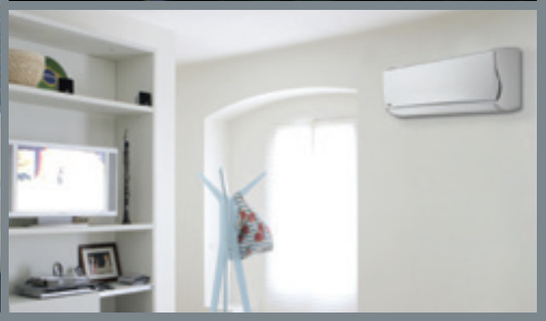
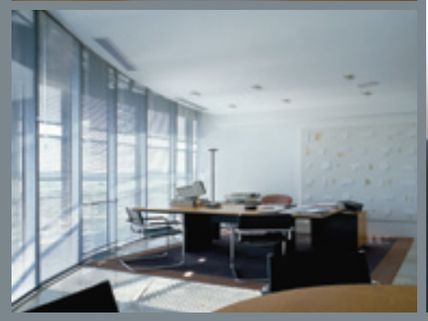
Enjoy Clean, Quiet, and Comfortable

# Air Conditioning with LG







# LG Commercial Air Conditioners
# 2011 Single split Model Line-up

## Universal Indoor Type

| Type \ kW | 2.5 | 3.5 | 5.0 | 6.0 | 7.1 | 8.0 | 10.0 | 12.5 | 14.0(13.4*) | 15.0 |
|---|---|---|---|---|---|---|---|---|---|---|
| Ceiling Cassette Type | UT09 NRD | UT12H NP1<br>UT12 NRD | UT18H NP1<br>UT18 NQD | UT21H NN1 | UT24H NN1<br>UT24 NPD | UT30 NPD | UT36H NM1<br>UT36 NND | UT42H NM1<br>UT42 NMD | *UT48H NM1<br>UT48 NMD | UT60 NMD |
| Ceiling Concealed Duct Type | | | UB18H NG1<br>UB18 NHD | UB21H NG1 | UB24H NG1<br>UB24 NHD | UB30 NGD | UB36H NR1<br>UB36 NGD | UB42H NR1<br>UB42 NRD | *UB48H NR1<br>UB48 NRD | UB60 NRD |
| Ceiling and Floor Type | UV09 NED | UV12H NJ1<br>UV12 NED | UV18H NJ1<br>UV18 NBD | UV21H NK1 | UV24H NK1<br>UV24 NBD | UV30 NBD | UV36H NL1<br>UV36 NKD | UV42H NL1<br>UV42 NLD | UV48H NL1<br>UV48 NLD | UV60 NLD |
| Console Type* | CQ09 NA0 | CQ12 NA0 | CQ18 NA0 | | | | | | | |

*Only Connectable to DC Inverter

## Universal Outdoor Type

| Type \ kW | 2.5 | 3.5 | 5.0 | 6.0 | 7.1 | 8.0 | 10.0 | 12.5 | 14.0(13.4*) | 15.0 |
|---|---|---|---|---|---|---|---|---|---|---|
| H-Inverter | | UU12WH UE1 | UU18WH UE1 | UU21WH U41 | UU24WH U41 | | UU36WH U31 | UU42WH U31 | *UU48WH U31 | |
| 3Phase H-Inverter | | | | | | | UU37WH U31 | UU43WH U31 | UU49WH U31 | |
| DC Inverter | UU09W ULD | UU12W ULD | UU18W UED1 | | UU24W UED | UU30W UED | UU36W UED | UU42W U3D | UU48W U3D | UU60W U3D |
| 3Phase DC Inverter | | | | | | | UU37W UED | UU43W U3D | UU49W U3D | UU61W U3D |
| Heat Pump | | UU12 ULD | UU18 UED1 | | UU24 UED | UU30 UED | UU36 UED | | UU48 U3D | UU60 U3D |

## Set Type

| Type \ kW | 8.0 |
|---|---|
| Floor Standing Type | P03AH SR1 |

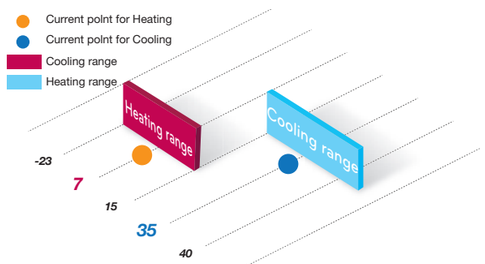
| Type \ kW | 14.0 |
|---|---|
| Floor Standing Type | P05AH ST0 |

| Type \ kW | 21.1 |
|---|---|
| Floor Standing Type | P08AH SF1 |

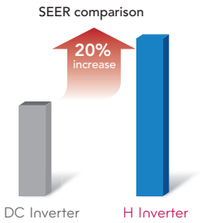
# High COP & Energy Saving

## Design based on SEER

SEER stands for Seasonal Energy Efficiency Ratio.
This is a new measure of air conditioning energy efficiency. It is conducted in various environmental conditions. The whole tested range of temperatures for heating and cooling reflect real life environments.



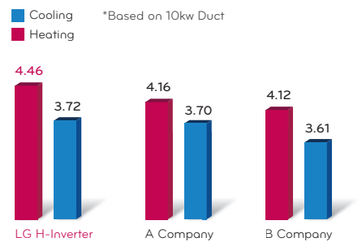

" Seasonal Efficiency of H Inverter 20% Up vs. Standard Inverter "




(*) Test model is 14Kw. Seasonal efficiencies are calculated based on draft PrEn 14825: 2009 (under inquiry stage). Data are subject to change.

## World Highest COP

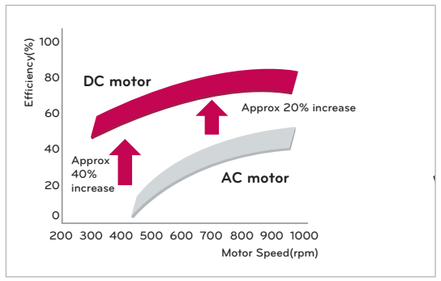
LG H-Inverter has achieved world highest EER & COP with BLDC Compressor & Fan Motor, and DC Inverter technology and Heating COP* of all models are above 4.0 *except 13.4kw CST combination

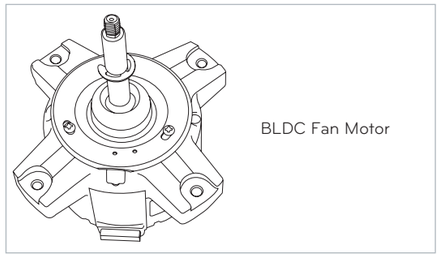



*Based on 10kw 1Ø Duct

## BLDC Fan Technology

BLDC Fan motor offers additional energy saving in operating mode. Compared with AC motors, BLDC Fan motor can cut energy by 35% at full velocity.



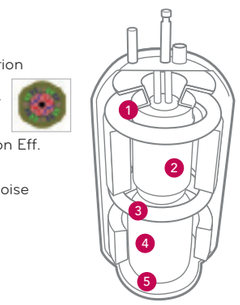



BLDC Fan Motor

## Powerful BLDC Compressor

The LG inverter air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. Its compressor thus has improved efficiency compared with the AC inverter.

1. Minimized Oil circulation
2. High Efficiency Motor
3. Optimize Compression Eff.
4. Optimize Vibration, Noise
5. High Reliability

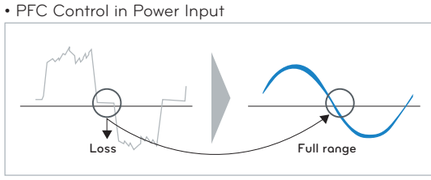



## DC Inverter Technology

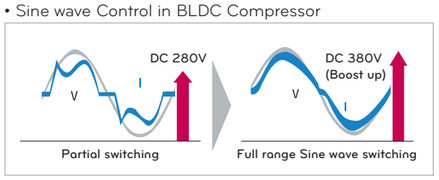
With the advancement of inverter technology comes more silent, economical and powerful air conditioning systems. The LG air conditioner is manufactured using the PFC and the sine wave technology.

Step-up Inverter by the PFC & the Sine Wave Control Technology (PFC : Power Factor Correction)compared to conventional.

• PFC Control in Power Input



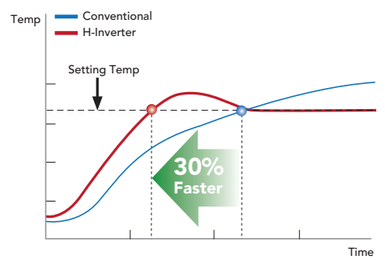

• Sine wave Control in BLDC Compressor




# Comfort Operation

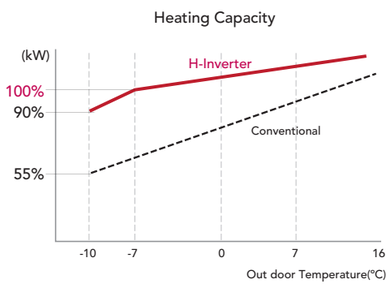
## PI Control No Heating Capacity Reduction

H-Inverter can reach the set temperature 30% faster than conventional models and increase efficiency through PI Control. PI control adjusts operation according to the temperature and operating status.




## No Heating Capacity Reduction

H-Inverter can keep the same heating capacity in low temperatures (-7°C) with the LG BLDC compressor and sub cooling effect of the larger condenser

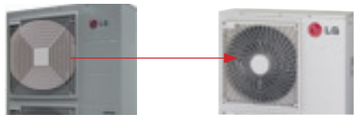


# Silent Operation

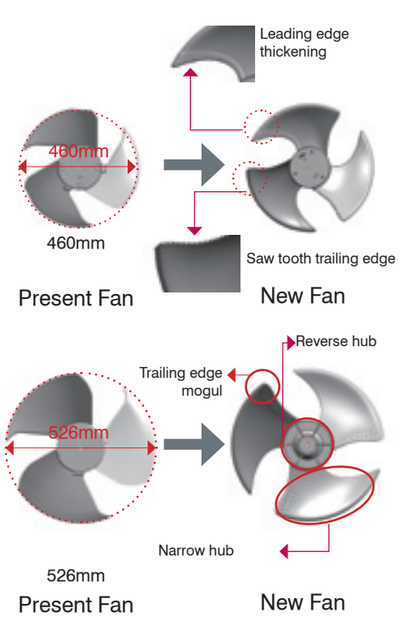
## Lower Noise Level

Grille shape changed
The new grille shape design of the outdoor unit helps outlet airflow improvement so it increases heat exchange efficiency and reduces noise levels.

Axial Fan
The new axial fan shape has a thickening front edge and smooth rear edge provides high efficiency with low noise and a wide fan wing width. High Air flow rate and increasing fan operation efficiency are also improved.



Grille shape changed




Sound-proof cover
The outdoor unit is covered with a sound-proof layer that is made of rubber and mixed filamentum. It allows excess noise to be significantly reduced.

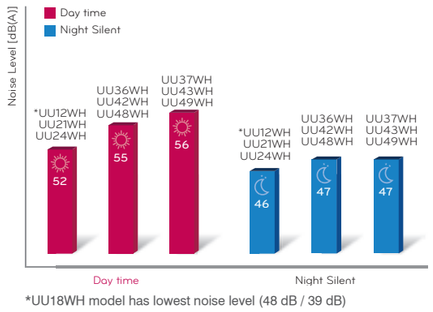
The noise level of outdoors will be decreased up to 3dB except for UU09W, UU12W, UU36W and UU12WH.

## Night Silent Operation

Night Silent Operation can reduce noise level night time by setting deep switch on PCB in outdoor unit

Noise Level [dB(A)]

| | Day time | Night Silent Mode |
|---|---|---|
| UU12WH | 52 | 46 |
| UU18WH | 48 | 39 |
| UU21WH | 52 | 46 |
| UU24WH | 52 | 46 |
| UU36WH | 55 | 47 |
| UU42WH | 55 | 47 |
| UU48WH | 55 | 47 |
| UU37WH | 56 | 47 |
| UU43WH | 56 | 47 |
| UU49WH | 56 | 47 |

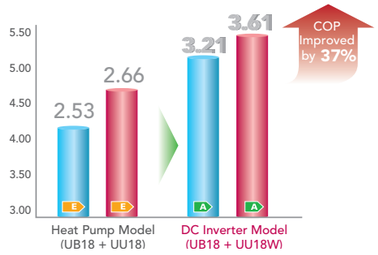



*UU18WH model has lowest noise level (48 dB / 39 dB)

# Improved COP and Energy Saving

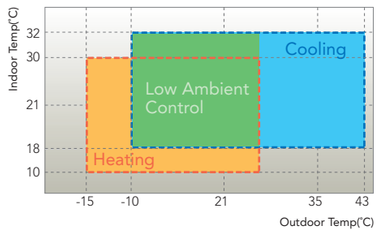
## Improved COP / EER

Energy efficiency of DC inverter models are significantly improved compared to Heat pump models.



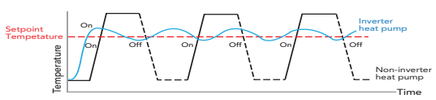

## Wide Operating Range

In the event of low outdoor temperatures, when cooling or heating rooms, the BLDC inverter compressor and outdoor BLDC fan motor adjust air flow and volume, which ensures efficient operation by allowing the air conditioner to continually operate at -10°C.




## Comfort Operation with DC Inverter Technology

Energy efficiency of DC inverter models is significantly improved compared with Heat pump models When the air conditioner is initially activated to either heat or cool, the compressor will operate at maximum speed to reach the desired temperature quickly. Once the desired temperature is achieved, unlike conventional air conditioners that turn the compressor on and off, LG inverter units constantly adjust and vary the compressor speed to maintain the desired temperature with minimal fluctuation to ensure that your comfort is not compromised.

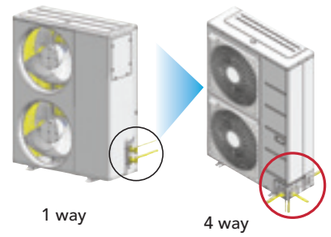



## Easy to Service

Easy & efficient installation of outdoor unit will provide the best solution for small offices and shops.

### 1. Inner SVC valve

- 4 Way piping is possible (Front, Rear, Right, Down)
- Excellent exterior

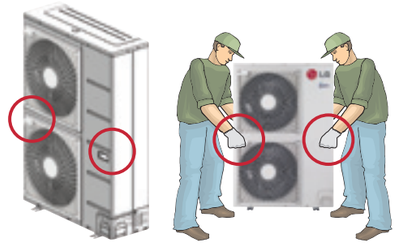


1 way

4 way

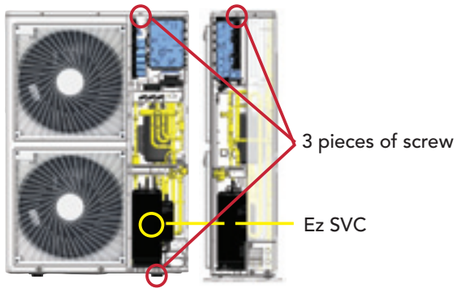
### 2. Convenient moving handle

- Fitted hand grips for easy transportation and installation



### 3. Compact Design & Ez SVC

- Remove 3 pieces of screw for SVC
- Front panel removal system



# SINGLE SPLIT

With the advancement of inverter technology comes more silent, economical and powerful air conditioning systems.

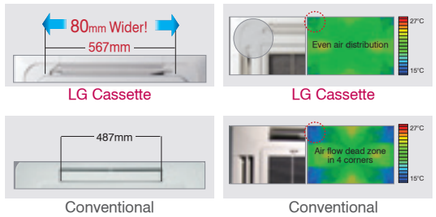
# CEILING CASSETTE

LG "Ceiling Cassette" is a indoor unit which is installed for the significant purpose. The ceiling cassette is used for the commercial purpose. It can be installed in various places such as restaurants, hotels, offices and meeting rooms. This unit has nice outlook and is equipped with many special features. It has four vanes for the Air flow rate  in all directions which in turn can maintain even and wide cooling and heating.

## Comfort Operation

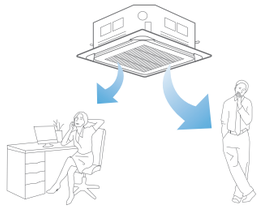
### Wide jet Air Flow

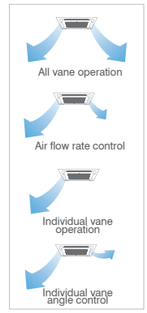
Improved wide vanes reduce dead bands and provide better air and temperature distribution.




### Independent Vane Operation

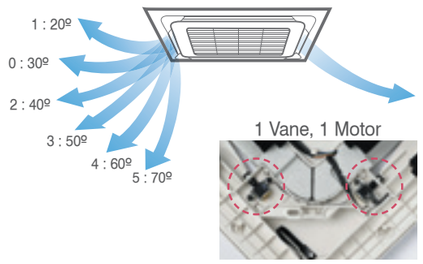
Vane angle control satisfies both users who like direct wind or indirect wind and also reduces cold air draft.



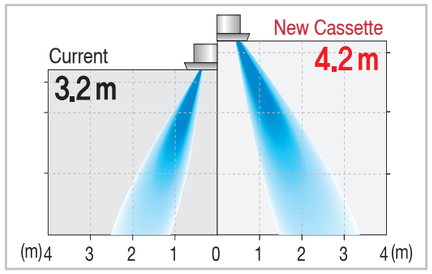

### Automatic Vane angle Control

One motor per vane is adopted to control each of four vane independently, freely controlling air current according to situations.




### High Ceiling Mode

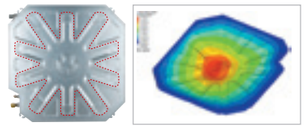
High ceiling mode with phase-control algorithm is possible to apply as high as 4.2m of ceiling.
This setting offers a reduction of drought.



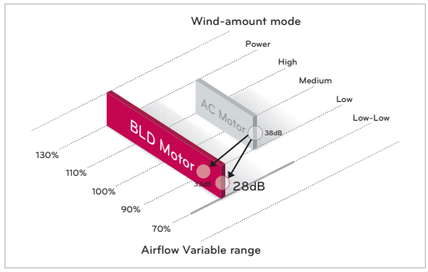

### Improved Low Noise

- BLDC motor, Low indoor noise with high efficiency turbo fan
  - Outlet & air flow improved design
  - Removal of abnormal noise through high efficiency turbo fan
  - Resonance noise removal by anti vibration design & BLDC motor
- Base pan redesigned

Strong design indoor unit  Base Pan



DECA web structure design




Variable range of wind of the interior fan motor

## Weekly Program

You can set the daily temperature and automatic on/off times for one week
Weekly reservation keeps operating until it is cancelled by the user

*Indoor unit is turned on to the desired temperature, the TEMP up/down buttons can be used to set the desired present or preset temperature.
(Temperature selection range : 18°C~30°C)
*When desired temperature is not set, it is turned on automatically with the desired temperature of the previous operation

# Easy Installation

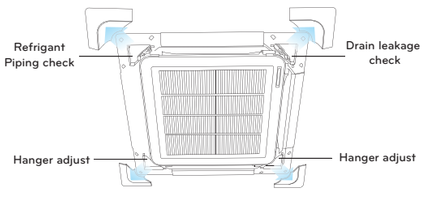
## Detachable Corner Panels

The attachable/detachable corner design makes it easy to adjust the hanger during installation and to check leakage in the drain connection pipe.

Drain leakage check

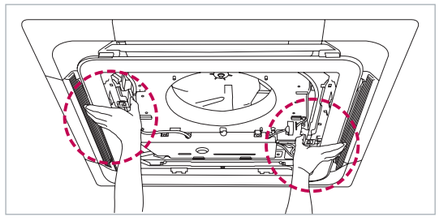
Hanger adjust

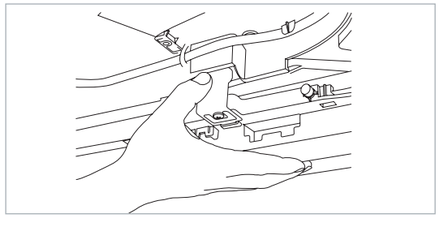
Attachable/detachable corner design




## One Touch Panel

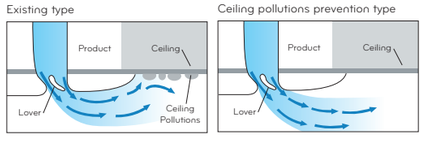
The simple push-up panel design easily connect the panel with the body, enabling the installer to use his two hands freely.





## Design to Reduce the Ceiling Stains

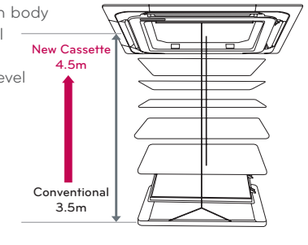
The new outlet design can reduce ceiling contamination from air current flowing along the ceiling.




## Auto Elevation Grille
### ( Accessory : PTEGM0)

Easy filter cleaning with elevation grille

- Installed inside main body
- Auto horizontal level
- 4 points support
- Memory for user's level
- Max. 4.5m length




• UT12H


UU12WH

## Specifications

### Indoor Unit

| | | | UT12H NP1 PT-UMC |
|---|---|---|---|
| | | F/Panel | |
| Nominal Capacity (Rated) | Cooling | kw | 1.4-3.5-4.2 |
| | | Btu/h | 4,770-11,900-14,300 |
| | Heating | kw | 1.6-4.2-5.0 |
| | | Btu/h | 5,460-14,300-17,050 |
| Nominal Input (Rated) | Cooling | kw | 0.99 |
| | Heating | kw | 1.04 |
| Running Current | Cooling / Heating | A | 0.6 |
| Power Supply | | Ø/V/Hz | 1/220-240/50 |
| EER | Cooling | kw/kw | 3.54 |
| COP | Heating | kw/kw | 4.04 |
| Annual energy consumption | Cooling | kWh | 495 |
| Operational Temperature Range | Cooling | °C | -10 ~ 43 |
| | Heating | °C | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 13 / 12 / 10 |
| Sound Level (H/M/L) | | dB(A)±3 | 35 / 33 / 31 |
| Dehumidification Rate | | l/h | 1.3 |
| Dimensions (WxHxD) | Body | mm | 840x204x840 |
| | Decorative Panel | mm | 950x25x950 |
| Weight | Body | kg | 21 |
| | Decorative Panel | kg | 5 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52 (3/8) |

### Outdoor Unit

| | | | UU12WH UE1 |
|---|---|---|---|
| Compressor | Type | | Twin Rotary |
| Refrigerant Charge | Charge | g | 1,200 |
| | Type | | R410A |
| Fan | Discharge | Side/Top | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 48 / 48 |
| | Night Operation | dB(A)±3 | 45 |
| Dimensions | WxHxD | mm | 870x655x320 |
| Net Weight | Outdoor | kg | 46 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52 (3/8) |
| Circuit Breaker | | A | 15 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 30 / 20 |
| Power Supply | | Ø/V/Hz | 1 / 220-240 / 50 |
| Running Current | Cooling / Heating | A | 4.4 / 4.6 |
| Air flow rate | | $m^3$/min | 50 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 20 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UT18H
- UT21H
- UT24H

UU18WH



UU21WH /UU24WH

## Specifications

### Indoor Unit

| | | | F/Panel | UT18H NP1 PT-UMC | UT21H NN1 PT-UMC | UT24H NN1 PT-UMC |
|---|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | | 2.0 ~ 5.0 ~ 5.5 | 2.8 ~ 6.0 ~ 8.0 | 2.8 ~ 7.0 ~ 8.4 |
| | | Btu/h | | 6,820 ~ 17,060 ~ 18,760 | 9,550 ~ 20,470 ~ 27,300 | 9,550 ~ 23,900 ~ 28,660 |
| | Heating | kw | | 2.2 ~ 5.5 ~ 6.05 | 3.2 ~ 7.0 ~ 9.0 | 3.2 ~ 8.0 ~ 9.4 |
| | | Btu/h | | 7,510 ~ 18,770 ~ 20,640 | 10,920 ~ 23,900 ~ 30,700 | 10,920 ~ 27,300 ~ 32,070 |
| Nominal Input (Rated) | Cooling | kw | | 1.35 | 1.53 | 1.92 |
| | Heating | kw | | 1.35 | 1.66 | 1.93 |
| Running Current | Cooling / Heating | A | | 0.6 | 0.6 | 0.6 |
| Power Supply | | Ø/V/Hz | | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | | 3.7 | 3.92 | 3.65 |
| COP | Heating | kw/kw | | 4.07 | 4.22 | 4.15 |
| Annual energy consumption | Cooling | kWh | | 675 | 765 | 960 |
| Operational Temperature | Cooling | ℃ | | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | | 17 / 15 / 13 | 21 / 18 / 16 | 21 / 18 / 16 |
| Sound Level (H/M/L) | | dB(A)±3 | | 39 / 37 / 34 | 40 / 38 / 36 | 40 / 38 / 36 |
| Dehumidification Rate | | l/h | | 2.1 | 2.7 | 2.7 |
| Dimensions (WxHxD) | Body | mm | | 840x204x840 | 840x246x840 | 840x246x840 |
| | Decorative Panel | mm | | 950x25x950 | 950x25x950 | 950x25x950 |
| Weight | Body | kg | | 21 | 23.5 | 23.5 |
| | Decorative Panel | kg | | 5 | 5 | 5 |
| Piping Connections | Liquid | mm(inch) | | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU18WH UE1 | UU21WH U41 | UU24WH U41 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g | 2,000 | 2,200 | 2,200 |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Diacharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 47 / 50 | 47 / 50 | 47 / 50 |
| | Night Operation | dB(A)±3 | 39 | 44 | 44 |
| Dimensions | WxHxD | mm | 870x808x320 | 950x834x330 | 950x834x320 |
| Net Weight | Outdoor | kg | 58 | 63 | 63 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 2.5 | 3 x 2.5 | 3 x 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 | 4 x 0.75 | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 50 / 30 | 50 / 30 | 50 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 6.0 / 6.7 | 7.6 / 7.7 | 9.5 / 9.0 |
| Air flow rate | | $m^3$/min | 58 | 58 | 58 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 20 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition





- UT36H
- UT42H
- UT48H

UU36WH / UU42WH / UU48WH

## Specifications

### Indoor Unit

| | | | F/Panel | UT36H NM1 PT-UMC | UT42H NM1 PT-UMC | UT48H NM1 PT-UMC |
|---|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | | 4.5 ~ 10.0 ~ 13.0 | 5.0 ~ 12.5 ~ 14.9 | 5.5 ~ 13.4 ~ 16.0 |
| | | Btu/h | | 15,350 ~ 34,120 ~ 44,360 | 17,060 ~ 42,650 ~ 50,840 | 18,770 ~ 45,720 ~ 54,590 |
| | Heating | kw | | 4.9 ~ 11.2 ~ 14.0 | 5.5 ~ 14.0 ~ 16.8 | 6.4 ~ 15.5 ~ 17.9 |
| | | Btu/h | | 16,720 ~ 38,220 ~ 47,770 | 18,770 ~ 47,770 ~ 57,320 | 21,840 ~ 52,890 ~ 61,070 |
| Nominal Input (Rated) | Cooling | kw | | 2.60 | 3.66 | 4.15 |
| | Heating | kw | | 2.51 | 3.41 | 4.07 |
| Running Current | Cooling / Heating | A | | 0.72 | 0.72 | 0.72 |
| Power Supply | | Ø/V/Hz | | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | | 3.85 | 3.42 | 3.23 |
| COP | Heating | kw/kw | | 4.46 | 4.11 | 3.81 |
| Annual energy consumption | Cooling | kWh | | 1300 | 1830 | 2075 |
| Operational Temperature | Cooling | ℃ | | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | | 32 / 26.1 / 20.2 | 32 / 26.7 / 21.5 | 32 / 27.4 / 22.8 |
| Sound Level (H/M/L) | | dB(A)±3 | | 47 / 45 / 42 | 47 / 45 / 42 | 47 / 45 / 42 |
| Dehumidification Rate | | l/h | | 2.7 | 3.6 | 3.6 |
| Dimensions (WxHxD) | Body | mm | | 840x288x840 | 840x288x840 | 840x288x840 |
| | Decorative Panel | mm | | 950x25x950 | 950x25x950 | 950x25x950 |
| Weight | Body | kg | | 28 | 28 | 28 |
| | Decorative Panel | kg | | 5 | 5 | 5 |
| Piping Connections | Liquid | mm(inch) | | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU36WH U31 | UU42WH U31 | UU48WH U31 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Diacharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| Dimensions | WxHxD | mm | 950x1380x330 | 950x1380x330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 40 | 40 | 40 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 5.0 | 3 x 5.0 | 3 x 5.0 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 | 4 x 0.75 | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 11.5 / 11.3 | 16.8 / 15.0 | 18.7 / 18.0 |
| Air flow rate | | $m^3$/min | 55 x 2 | 55 x 2 | 55 x 2 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UT36H
- UT42H
- UT48H

3Phase High Efficiency Inverter

UU37WH / UU43WH / UU49WH

## Specifications

### Indoor Unit

| | | F/Panel | UT36H NM1 PT-UMC | UT42H NM1 PT-UMC | UT48H NM1 PT-UMC |
|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | 4.5-10.0-13 | 5.0-12.5-14.9 | 5.5-13.4-16.0 |
| | | Btu/h | 15,350-34,120-44,360 | 17,060-42,650-50,840 | 18,770-45,720-54,590 |
| | Heating | kw | 4.2-11.2-13.7 | 5.4-14-16.3 | 6.2-15.5-17.8 |
| | | Btu/h | 16,720-38,220-47,770 | 18,770-47,770-57,320 | 21,840-52,890-61,070 |
| Nominal Input (Rated) | Cooling | kw | 2.6 | 3.7 | 4.18 |
| | Heating | kw | 2.57 | 3.49 | 4.2 |
| Running Current | Cooling / Heating | A | 0.72 | 0.72 | 0.72 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 3.85 | 3.38 | 3.21 |
| COP | Heating | kw/kw | 4.36 | 4.01 | 3.69 |
| Annual energy consumption | Cooling | kWh | 1300 | 1850 | 2090 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 32 / 26.1 / 20.2 | 32 / 26.7 / 21.5 | 32 / 27.4 / 22.8 |
| Sound Level (H/M/L) | | dB(A)±3 | 47 / 45 / 42 | 47 / 45 / 42 | 47 / 45 / 42 |
| Dehumidification Rate | | l/h | 2.7 | 3.6 | 3.6 |
| Dimensions (WxHxD) | Body | mm | 840x288x840 | 840x288x840 | 840x288x840 |
| | Decorative Panel | mm | 950x25x950 | 950x25x950 | 950x25x950 |
| Weight | Body | kg | 28 | 28 | 28 |
| | Decorative Panel | kg | 5 | 5 | 5 |
| Piping Connections | Liquid | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm(inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |

### Outdoor Unit

| | | | UU37WH U31 | UU43WH U31 | UU49WH U31 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| Dimensions | WxHxD | mm | 950x1380x330 | 950x1380x330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm(inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3x5.0 | 3x5.0 | 3x5.0 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4x0.75 | 4x0.75 | 4x0.75 |
| Max. Piping Length / Elevation | | m | 75/30 | 75/30 | 75/30 |
| Power Supply | | Ø/V/Hz | 3 / 380-415 / 50 | 3 / 380-415 / 50 | 3 / 380-415 / 50 |
| Running Current | Cooling / Heating | A | 4.2/4.1 | 6.0/5.7 | 6.7/6.5 |
| Air flow rate | | $m^3$/min | 55x2 | 55x2 | 55x2 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UT09
- UT12
- UT18

DC Inverter

UU09W / UU12W UU18W

## Specifications

### Indoor Unit

| | | F/Panel | UT09 NRD PT-UQC | UT12 NRD PT-UQC | UT18 NQD PT-UQC |
|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | 1.0 ~ 2.5 ~ 2.75 | 1.36 ~ 3.4 ~ 3.74 | 2.0 ~ 5.0 ~ 5.5 |
| | | Btu/h | 3,410 ~ 8,530 ~ 9,380 | 4,640 ~ 11,600 ~ 12,760 | 6,820 ~ 17,060 ~ 18,760 |
| | Heating | kw | 1.2 ~ 3.0 ~ 3.3 | 1.60 ~ 4.0 ~ 4.4 | 2.2 ~ 5.5 ~ 6.05 |
| | | Btu/h | 4,090 ~ 10,240 ~ 11,260 | 5,460 ~ 13,650 ~ 15,010 | 7,510 ~ 18,770 ~ 20,640 |
| Nominal Input (Rated) | Cooling | kw | 0.75 | 1.06 | 1.56 |
| | Heating | kw | 0.81 | 1.1 | 1.52 |
| Running Current | Cooling / Heating | A | 0.3 | 0.3 | 0.3 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 3.33 | 3.21 | 3.21 |
| COP | Heating | kw/kw | 3.75 | 3.64 | 3.61 |
| Annual energy consumption | Cooling | kWh | 375 | 530 | 780 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 8.5 / 7.0 / 6.0 | 9.5 / 8 / 7 | 13 / 12 / 11 |
| Sound Level (H/M/L) | | dB(A)±3 | 36 / 33 / 30 | 38 / 35 / 32 | 41 / 39 / 36 |
| Dehumidification Rate | | l/h | 1.4 | 1.7 | 2.4 |
| Dimensions (WxHxD) | Body | mm | 570×214×570 | 570×214×570 | 570×256×570 |
| | Decorative Panel | mm | 700×30×700 | 700×30×700 | 700×30×700 |
| Weight | Body | kg | 14 | 14 | 15 |
| | Decorative Panel | kg | 3 | 3 | 3 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) |

### Outdoor Unit

| | | | UU09W ULD | UU12W ULD | UU18W UED1 |
|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 1000 | 1000 | 1500 |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 47 / 48 | 47 / 48 | 48 / 48 |
| Dimensions | WxHxD | mm | 770×540×245 | 770×540×245 | 870×655×320 |
| Net Weight | Outdoor | kg | 32 | 32 | 48 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) |
| Circuit Breaker | | A | 15 | 15 | 15 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 1.5 | 3 × 1.5 | 3 x 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 15 / 10 | 15 / 10 | 40 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 3.42 / 3.87 | 5.02 / 5.03 | 7.1 / 7.1 |
| Air flow rate | | $m^3$/min | 50 | 50 | 50 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 20 | 20 | 20 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UT24
- UT30
- UT36
- UT42
- UT48
- UT60

UU24W / UU30W



UU36W



UU42W / UU48W / UU60W

## Specifications

### Indoor Unit

| | | F/Panel | UT24 NPD PT-UMC | UT30 NPD PT-UMC | UT36 NND PT-UMC | UT42 NMD PT-UMC | UT48 NMD PT-UMC | UT60 NMD PT-UMC |
|---|---|---|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | 2.84 ~ 7.1 ~ 7.81 | 3.2 ~ 8.0 ~ 8.8 | 4.0 ~ 10.0 ~ 11.0 | 5.0 ~ 12.5 ~ 13.8 | 5.48 ~ 13.9 ~ 15.7 | 5.92 ~ 14.6 ~ 16.3 |
| | | Btu/h | 9,680 ~ 24,200 ~ 26,620 | 10,920 ~ 27,300 ~ 30,030 | 13,640 ~ 34,100 ~ 37,550 | 17,060 ~ 42,650 ~ 46,915 | 18,700 ~ 46,750 ~ 51,425 | 20,200 ~ 50,500 ~ 55,550 |
| | Heating | kw | 3.2 ~ 8.0 ~ 8.8 | 3.6 ~ 9.0 ~ 9.9 | 4.4 ~ 11.0 ~ 12.1 | 5.0 ~ 14.0 ~ 15.4 | 6.4 ~ 15.5 ~ 17.6 | 6.8 ~ 16.9 ~ 18.7 |
| | | Btu/h | 10,920 ~ 27,300 ~ 30,300 | 12,280 ~ 30,700 ~ 33,770 | 15,000 ~ 37,500 ~ 41,250 | 19,108 ~ 47,770 ~ 52,547 | 21,840 ~ 54,600 ~ 60,060 | 23,200 ~ 58,000 ~ 63,800 |
| Nominal Input (Rated) | Cooling | kw | 2.15 | 2.65 | 3.12 | 3.89 | 4.61 | 5.4 |
| | Heating | kw | 2.34 | 2.8 | 3.23 | 3.87 | 4.54 | 5.5 |
| Running Current | Cooling / Heating | A | 0.6 | 0.6 | 0.6 | 0.72 | 0.72 | 0.72 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 3.3 | 3.02 | 3.21 | 3.21 | 3.01 | 2.7 |
| COP | Heating | kw/kw | 3.42 | 3.21 | 3.41 | 3.61 | 3.41 | 3.07 |
| Annual energy consumption | Cooling | kWh | 1075 | 1325 | 1560 | 1945 | 2305 | 2700 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 17 / 15 / 13 | 19 / 17 / 15 | 24 / 22 / 19 | 30 / 28 / 26 | 34 / 32 / 30 | 34 / 32 / 30 |
| Sound Level (H/M/L) | | dB(A)±3 | 39 / 37 / 34 | 43 / 40 / 37 | 43 / 40 / 37 | 46 / 44 / 40 | 49 / 47 / 43 | 49 / 47 / 43 |
| Dehumidification Rate | | l/h | 2.1 | 2.5 | 2.7 | 3.6 | 4.4 | 5.5 |
| Dimensions (WxHxD) | Body | mm | 840×204×840 | 840×204×840 | 840×246×840 | 840×288×840 | 840×288×840 | 840×288×840 |
| | Decorative Panel | mm | 950×25×950 | 950×25×950 | 950×25×950 | 950×25×950 | 950×25×950 | 950×25×950 |
| Weight | Body | kg | 21 | 21 | 23.5 | 26 | 26 | 26 |
| | Decorative Panel | kg | 5 | 5 | 5 | 5 | 5 | 5 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU24W UED | UU30W UED | UU36W UED | UU42W U3D | UU48W U3D | UU60W U3D |
|---|---|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 2000 | 2000 | 2500 | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 47 / 50 | 47 / 50 | 54 / 55 | 51 / 53 | 51 / 53 | 51 / 53 |
| Dimensions | WxHxD | mm | 870×808×320 | 870×808×320 | 870×1060×320 | 950×1380×330 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 60 | 60 | 75 | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 30 | 30 | 30 | 40 | 40 | 40 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 2.5 | 3 × 2.5 | 3 × 2.5 | 3 × 3.5 | 3 × 3.5 | 3 × 3.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 50 / 30 | 50 / 30 | 50 / 30 | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 10.0 / 10.7 | 12.0 / 13.0 | 14.0 / 14.2 | 17.7 / 16.7 | 20.5 / 20.5 | 24.7 / 23.5 |
| Air flow rate | | $m^3$/min | 58 | 58 | 32 × 2 | 55 × 2 | 55 × 2 | 55 × 2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 35 | 35 | 50 | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition





- UT36
- UT42
- UT48
- UT60

UU37W

UU43W / UU49W / UU61W

## Specifications

### Indoor Unit

| | | F/Panel | UT36 NND PT-UMC | UT42 NMD PT-UMC | UT48 NMD PT-UMC | UT60 NMD PT-UMC |
|---|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | 4.0 ~ 10.0 ~ 11.0 | 5.0 ~ 12.5 ~ 13.8 | 5.48 ~ 13.8 ~ 15.7 | 5.92 ~ 14.7 ~ 16.3 |
| | | Btu/h | 13,640 ~ 34,100 ~ 37,550 | 17,060 ~ 42,650 ~ 46,915 | 18,700 ~ 46,750 ~ 51,425 | 20,200 ~ 50,500 ~ 55,550 |
| | Heating | kw | 4.4 ~ 11.0 ~ 12.1 | 5.0 ~ 14.0 ~ 15.4 | 6.4 ~ 15.9 ~ 17.6 | 6.8 ~ 17.0 ~ 18.7 |
| | | Btu/h | 15,000 ~ 37,500 ~ 41,250 | 19,108 ~ 47,770 ~ 52,547 | 21,840 ~ 54,600 ~ 60,060 | 23,200 ~ 58,000 ~ 63,800 |
| Nominal Input (Rated) | Cooling | kw | 3.12 | 3.89 | 4.58 | 5.63 |
| | Heating | kw | 3.23 | 3.87 | 4.66 | 5.64 |
| Running Current | Cooling / Heating | A | 0.6 | 0.72 | 0.72 | 0.72 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 3.21 | 3.21 | 3.01 | 2.61 |
| COP | Heating | kw/kw | 3.41 | 3.61 | 3.41 | 3.01 |
| Annual energy consumption | Cooling | kWh | 1560 | 1945 | 2305 | 2700 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 24 / 22 / 19 | 30 / 28 / 26 | 34 / 32 / 30 | 34 / 32 / 30 |
| Sound Level (H/M/L) | | dB(A)±3 | 43 / 40 / 37 | 46 / 44 / 40 | 49 / 47 / 43 | 49 / 47 / 43 |
| Dehumidification Rate | | l/h | 2.7 | 3.6 | 4.4 | 5.5 |
| Dimensions (WxHxD) | Body | mm(inch) | 840×246×840 | 840×288×840 | 840×288×840 | 840×288×840 |
| | Decorative Panel | mm | 950×25×950 | 950×25×950 | 950×25×950 | 950×25×950 |
| Weight | Body | kg(lbs) | 23.5 | 26 | 26 | 26 |
| | Decorative Panel | kg(lbs) | 5 | 5 | 5 | 5 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU37W UED | UU43W U3D | UU49W U3D | UU61W U3D |
|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 2500 | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 54 / 55 | 51 / 53 | 51 / 53 | 51 / 53 |
| Dimensions | WxHxD | mm | 870×1060×320 | 950×1380×330 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 80 | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 2.5 | 3 × 2.5 | 3 × 2.5 | 3 × 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 50 / 30 | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 |
| Running Current | Cooling / Heating | A | 3.7 / 3.9 | 4.09 / 4.28 | 4.98 / 5.23 | 5.91 / 5.79 |
| Air flow rate | | $m^3$/min | 32 × 2 | 55 × 2 | 55 × 2 | 55 × 2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 45 | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

# •UT12 •UT18

UU12 UU18

## Specifications

### Indoor Unit

| | | | F/Panel | UT12 NRD PT-UQC | UT18 NRD PT-UQC |
|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | | 3.38 | 5.25 |
| | | Btu/h | | 11,533 | 17,913 |
| | Heating | kw | | 3.75 | 5.67 |
| | | Btu/h | | 12,795 | 19,346 |
| Nominal Input (Rated) | Cooling | kw | | 1.29 | 1.85 |
| | Heating | kw | | 1.32 | 1.93 |
| Running Current | Cooling / Heating | A | | 0.3 | 0.3 |
| Power Supply | | Ø/V/Hz | | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | | 2.62 | 2.84 |
| COP | Heating | kw/kw | | 2.84 | 2.94 |
| Operational Temperature Range | Cooling | ℃ | | -5 ~ 43 | -5 ~ 43 |
| | Heating | ℃ | | -10 ~ 24 | -10 ~ 24 |
| Air Flow Rate (H/M/L) | | CMM | | 9.5 / 8 / 7 | 13 / 12 / 11 |
| Sound Level (H/M/L) | | dB(A)±3 | | 38 / 35 / 32 | 41 / 39 / 37 |
| Dehumidification Rate | | l/h | | 1.2 | 2.17 |
| Dimensions (WxHxD) | Body | mm | | 570×269×570 | 570×269×570 |
| | Decorative Panel | mm | | 670×30×670 | 670×30×670 |
| Weight | Body | kg | | 19 | 19 |
| | Decorative Panel | kg | | 3 | 3 |
| Piping Connections | Liquid | mm(inch) | | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | | 9.52 (3/8) | 12.7 (1/2) |

### Outdoor Unit

| | | | UU12 ULD | UU18 UED |
|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 1200 | 1300 |
| | Type | | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 47 | 52 |
| Dimensions | WxHxD | mm | 770×540×245 | 870×655×320 |
| Net Weight | Outdoor | kg | 31 | 52 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52 (3/8) | 12.7 (1/2) |
| Power Supply Cable (Includes earth) | | No.*mm² | 3×2.5 | 3×2.5 |
| Inter-unit Cable (Includes earth) | | No.*mm² | 4×0.75 | 4×0.75 |
| Max. Piping Length / Elevation | | m | 15/10 | 50/30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 5.8/5.95 | 8.26/8.6 |
| Air flow rate | | CMM(CFM) | 26(918) | 53(1872) |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 20 | 35 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB
Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 7℃ DB / 6℃ WB

# •UT24 •UT30 •UT36 •UT48 •UT60

UU24 / UU30 UU37 UU48 / UU60

## Specifications

### Indoor Unit

| | | | F/Panel | UT24 NPD PT-UMC | UT30 NPD PT-UMC | UT36 NND PT-UMC | UT48 NMD PT-UMC | UT60 NMD PT-UMC |
|---|---|---|---|---|---|---|---|---|
| Nominal Capacity (Rated) | Cooling | kw | | 7.0 | 8.00 | 10.0 | 13.70 | 48,800 |
| | | Btu/h | | 23,885 | 27,300 | 34,100 | 46,700 | 14.30 |
| | Heating | kw | | 7.5 | 9.00 | 11.0 | 14.50 | 58,000 |
| | | Btu/h | | 25,591 | 30,700 | 37,500 | 49,476 | 17.00 |
| Nominal Input (Rated) | Cooling | kw | | 2.49 | 3.62 | 3.80 | 5.63 | 5.90 |
| | Heating | kw | | 2.60 | 3.60 | 3.40 | 5.05 | 5.80 |
| Running Current | Cooling / Heating | A | | 0.6 | 0.6 | 0.6 | 0.72 | 0.72 |
| Power Supply | | Ø/V/Hz | | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | | 2.81 | 2.21 | 2.63 | 2.43 | 2.42 |
| COP | Heating | kw/kw | | 2.88 | 2.50 | 3.24 | 2.87 | 2.93 |
| Operational Temperature Range | Cooling | ℃ | | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 |
| | Heating | ℃ | | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 |
| Air Flow Rate (H/M/L) | | CMM | | 17/15/13 | 19 / 17 / 15 | 24 / 22 / 19 | 34 / 32 / 30 | 34 / 32 / 30 |
| Sound Level (H/M/L) | | dB(A)±3 | | 39/37/34 | 43/40/37 | 43/40/37 | 49 / 47 / 43 | 49 / 47 / 43 |
| Dehumidification Rate | | l/h | | 2.1 | 2.5 | 2.7 | 4.4 | 5.5 |
| Dimensions (WxHxD) | Body | mm | | 840×204×840 | 840×204×840 | 840×246×840 | 840×288×840 | 840×288×840 |
| | Decorative Panel | mm | | 950×25×950 | 950×25×950 | 950×25×950 | 950×25×950 | 950×25×950 |
| Weight | Body | kg(lbs) | | 21 (46.3) | 21 (46.3) | 23.5 (51.8) | 26 (57.3) | 26 (57.3) |
| | Decorative Panel | kg(lbs) | | 5 (11.0) | 5 (11.0) | 5 (11.0) | 5 (11.0) | 5 (11.0) |
| Piping Connections | Liquid | mm(inch) | | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU24 UED | UU30 UED | UU37 UED | UU48 U3D | UU60 U3D |
|---|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Scroll | Scroll | Scroll |
| Refrigerant Charge | Charge | g | 1950 | 1870 | 2450 | 3300 | 3500 |
| | Type | | R410A | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 52 | 53 | 52 | 55 | 55 |
| Dimensions | WxHxD | mm | 870×808×320 | 870×808×320 | 870×1060×320 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 60 | 64 | 85 | 105 | 105 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Power Supply Cable (Includes earth) | | No.*mm² | 3×2.5 | 3×3.5 | 4×2.5 | 4×2.5 | 4×2.5 |
| Inter-unit Cable (Includes earth) | | No.*mm² | 4×0.75 | 4×0.75 | 4×0.75 | 4×0.75 | 4×0.75 |
| Max. Piping Length / Elevation | | m | 40 / 30 | 50 / 30 | 50 / 30 | 50 / 30 | 40 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 |
| Running Current | Cooling / Heating | A | 11.4 / 12.6 | 17.2 / 16.3 | 7.5 / 7.7 | 6.5 / 6.4 | 6.9 / 6.7 |
| Air flow rate | | CMM(CFM) | 53 (1872) | 53 (1872) | 32 (1130)×2 | 55 (1942)×2 | 55 (1942)×2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 45 | 45 | 45 | 50 | 50 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB
Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 7℃ DB / 6℃ WB

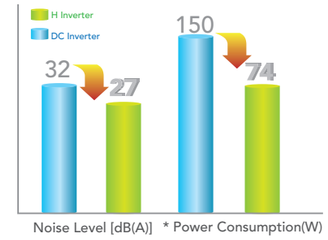
# CEILING CONCEALED DUCT

Hidden in the ceiling, this product is suitable for applications that require floor level or individual level air conditioning for buildings where there are many rooms or halls, such as restaurants, concert halls and hotels. Installation is not hindered by the location of lighting fixtures or room structure, and interior renovation is made easy with the installation of various ventilation diffusers.

## High Efficiency BLDC Fan

H-Inverter models can reduce operating noise and Save energy consumption with BLDC Fan

- 50% Reduction of Power consumption
- Low indoor Noise & Low vibration

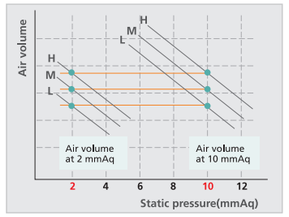



* Based on 5.0kw Duct
** Test Condition : Fan mode

## Linear E.S.P. Control

Air volume and sound kept as design regardless of duct resistance using this technology , you can

- Optimize duct work Installation
- Keep capacity & sound level as desired
- Simplify model numbers



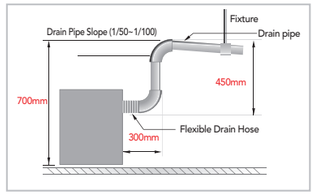

*E.S.P is easily controlled by remote controller

## High Head Drain Pump

Auxiliary Drain Pump automatically drains water.
A standard drain-head height of up to 700mm is possible, creating the ideal solution for perfect water drainage.

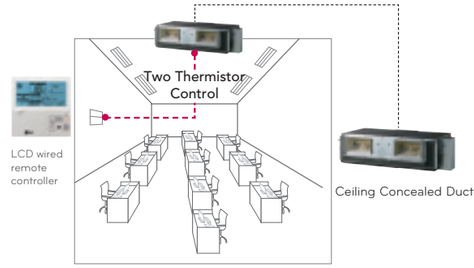
※ H-Inverter : High Head Drain Pump is Included in Indoor Unit

(Accessory:ABDPG)




## Two Thermistor Control

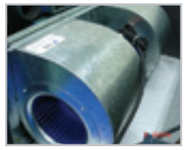
There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.



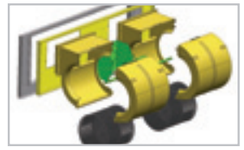

*Above Remote Controller is PQRCVSL0QW and this is only for all H-inverter Duct model. PVRCUSZ0 Remote controller will be provided for the rest of standard inverter model

## Quiet Operation & Easy Service

A lightweight plastic blower and housing makes air conditioning operation quiet and backup servicing more convenient.
The new fan housing can be easily dismantled for convenient servicing and maintenance. The fan motor can be removed without the need to remove the complete fan direct assembly.



Conventional



LG Fan and Housing

## Weekly Program

You can set the daily temperature and automatic on/off times for one week Weekly reservation keeps operating until it is cancelled by the user

*It is possible 4 times setting a day but PVRCUSZ0 can be only 1 time.

*Indoor unit is turned on to the desired temperature, the TEMP up/down buttons can be used to set the desired present or preset temperature.
(Temperature selection range : 18°C~30°C)
*When desired temperature is not set, it is turned on automatically with the desired temperature of the previous operation

*Above Remote Controller is PQRCVSL0QW and this is only for all H-inverter Duct model. PVRCUSZ0 Remote controller will be provided for the rest of standard inverter model

# •UB18H
# •UB21H
# •UB24H


UU18WH　　UU21WH /UU24WH

## Specifications

### Indoor Unit

| | | | UB18H NG1 | UB21H NG1 | UB24H NG1 |
|---|---|---|---|---|---|
| Nominal Capacity (Min~Rating~Max) | Cooling | kw | 2.5 ~ 5 ~ 6 | 2.4 ~ 6.0 ~ 6.6 | 2.84 ~ 7.1 ~ 7.81 |
| | | Btu/h | 8,530 ~ 17,061 ~ 20,473 | 8,189 ~ 20,473 ~ 22,520 | 9,690 ~ 24,226 ~ 26,649 |
| | Heating | kw | 3 ~ 6 ~ 7.2 | 2.8 ~ 7.0 ~ 7.7 | 3.2 ~ 8.0 ~ 8.8 |
| | | Btu/h | 10,236 ~ 20,473 ~ 24,567 | 9,554 ~ 23,885 ~ 26,273 | 10,919 ~ 27,297 ~ 30,027 |
| Nominal Input (Rating) | Cooling | kw | 1.35 | 1.73 | 2.09 |
| | Heating | kw | 1.49 | 1.74 | 1.99 |
| Running Current | Cooling / Heating | A | 0.5 / 0.5 | 0.9 / 0.9 | 0.9 / 0.9 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 3.70 | 3.47 | 3.40 |
| COP | Heating | kw/kw | 4.03 | 4.02 | 4.02 |
| Annual energy consumption | Cooling | kWh | 675 | 865 | 1045 |
| Operational Temperature Range | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 17 / 15 / 13 | 25 / 20 / 14 | 25 / 20 / 14 |
| Sound Level (H/M/L) | | dB(A)±3 | 30 / 28 / 27 | 37 / 33 / 29 | 37 / 33 / 29 |
| Dehumidification Rate | | l/h | 1.2 | 0.37 | 1.36 |
| Dimensions (WxHxD) | Body | mm | 1180x298x450 | 1180x298x450 | 1180x298x450 |
| Weight | Body | kg | 34 | 35 | 35 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |
| | Drain (OD/ID) | mm | 32 / 26 | 32 / 26 | 32 / 26 |

### Outdoor Unit

| | | | UU18WH UE1 | UU21WH U41 | UU24WH U41 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g | 2000 | 2,200 | 2,200 (77.6) |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 47 / 50 | 47 /50 | 47 / 50 |
| | Night Operation | dB(A)±3 | 39 | 44 | 44 |
| Dimensions | WxHxD | mm | 870x808x320 | 950x834x330 | 950x834x330 |
| Net Weight | Outdoor | kg | 58 | 63 | 63 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 2.5 | 3 x 2.5 | 3 x 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 | 4 x 0.75 | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 50 / 30 | 50 / 30 | 50 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 6.0 / 6.7 | 7.6 / 7.7 | 9.5 / 9.0 |
| Air flow rate | | $m^3$/min | 58 | 58 | 58 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 20 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB　　Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB　　- Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition





# •UB36H
# •UB42H
# •UB48H


UU36WH / UU42WH / UU48WH

## Specifications

### Indoor Unit

| | | | UB36H NR1 | UB42H NR1 | UB48H NR1 |
|---|---|---|---|---|---|
| Nominal Capacity (Min~Rating~Max) | Cooling | kw | 4.8 ~ 10.0 ~ 14.1 | 5.0 ~ 12.5 ~ 15.0 | 5.6 ~ 13.4 ~ 16.0 |
| | | Btu/h | 16,380 ~ 34,120 ~ 48,110 | 17,060 ~ 42,650 ~ 51,180 | 19,100 ~ 45,720 ~ 54,590 |
| | Heating | kw | 5.2 ~ 11.2 ~ 14.5 | 5.6 ~ 14.0 ~ 17.6 | 6.6 ~ 15.5 ~ 18.5 |
| | | Btu/h | 17,740 ~ 38,220 ~ 49,480 | 19,110 ~ 47,770 ~ 60,050 | 22,520 ~ 52,890 ~ 63,120 |
| Nominal Input (Rating) | Cooling | kw | 2.69 | 3.67 | 4.15 |
| | Heating | kw | 2.51 | 3.25 | 3.82 |
| Running Current | Cooling / Heating | A | 1.2 / 1.2 | 1.2 / 1.2 | 1.2 / 1.2 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 3.72 | 3.41 | 3.23 |
| COP | Heating | kw/kw | 4.46 | 4.31 | 4.06 |
| Annual energy consumption | Cooling | kWh | 1345 | 1835 | 2075 |
| Operational Temperature Range | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 34 / 27 / 20 | 37 / 31 / 24 | 40 / 34 / 28 |
| Sound Level (H/M/L) | | dB(A)±3 | 38 / 37 / 36 | 39 / 38 / 37 | 39 / 38 / 37 |
| Dehumidification Rate | | l/h | 4.0 | 5.0 | 5.0 |
| Dimensions (WxHxD) | Body | mm | 1230x380x590 | 1230x380x590 | 1230x380x590 |
| Weight | Body | kg | 53 | 53 | 53 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Drain (OD/ID) | mm | 32 / 26 | 32 / 26 | 32 / 26 |

### Outdoor Unit

| | | | UU36WH U31 | UU42WH U31 | UU48WH U31 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Diacharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| Dimensions | WxHxD | mm | 950x1380x330 | 950x1380x330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 40 | 40 | 40 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 5.0 | 3 x 5.0 | 3 x 5.0 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 | 4 x 0.75 | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 11.5 / 11.3 | 16.8 / 15.0 | 18.7 / 18.0 |
| Air flow rate | | $m^3$/min | 55 x 2 | 55 x 2 | 55 x 2 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB　　Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB　　- Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

3Phase High Efficiency Inverter

# •UB36H •UB42H •UB48H

UU37WH / UU43WH / UU49WH

## Specifications

### Indoor Unit

| | | | UB36H NR1 | UB42H NR1 | UB48H NR1 |
|---|---|---|---|---|---|
| Nominal Capacity (Min~Rating~Max) | Cooling | kw | 4.8 ~ 10.0 ~ 14.1 | 5.0 ~ 12.5 ~ 15.0 | 5.6 ~ 13.4 ~ 16.0 |
| | | Btu/h | 16,380 ~ 34,120 ~ 48,110 | 17,060 ~ 42,650 ~ 51,180 | 19,100 ~ 45,720 ~ 54,590 |
| | Heating | kw | 5.2 ~ 11.2 ~ 14.5 | 5.6 ~ 14.0 ~ 17.6 | 6.6 ~ 15.5 ~ 18.5 |
| | | Btu/h | 17,740 ~ 38,220 ~ 49,480 | 19,110 ~ 47,770 ~ 60,050 | 22,520 ~ 52,890 ~ 63,120 |
| Nominal Input (Rating) | Cooling | kw | 2.69 | 3.67 | 4.15 |
| | Heating | kw | 2.51 | 3.25 | 3.82 |
| Running Current | Cooling / Heating | A | 1.2 / 1.2 | 1.2 / 1.2 | 1.2 / 1.2 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 3.72 | 3.41 | 3.23 |
| COP | Heating | kw/kw | 4.46 | 4.31 | 4.06 |
| Annual energy consumption | Cooling | kWh | 1345 | 1835 | 2075 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 34 / 27 / 20 | 37 / 31 / 24 | 40 / 34 / 28 |
| Sound Level (H/M/L) | | dB(A)±3 | 38 / 37 / 36 | 39 / 38 / 37 | 39 / 38 / 37 |
| Dehumidification Rate | | l/h | 4.0 | 5.0 | 5.0 |
| Dimensions (WxHxD) | Body | mm | 1230x380x590 | 1230x380x590 | 1230x380x590 |
| Weight | Body | kg | 53 | 53 | 53 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Drain (OD/ID) | mm | 32 / 26 | 32 / 26 | 32 / 26 |

### Outdoor Unit

| | | | UU37WH U31 | UU43WH U31 | UU49WH U31 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| Dimensions | WxHxD | mm | 950x1380x330 | 950x1380x330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm(inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3*5.0 | 3*5.0 | 3*5.0 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4*0.75 | 4*0.75 | 4*0.75 |
| Max. Piping Length / Elevation | | m | 75/30 | 75/30 | 75/30 |
| Power Supply | | Ø/V/Hz | 3 / 380-415 / 50 | 3 / 380-415 / 50 | 3 / 380-415 / 50 |
| Running Current | Cooling / Heating | A | 4.2/4.1 | 6.0/5.7 | 6.7/6.5 |
| Air flow rate | | $m^3$/min | 55x2 | 55x2 | 55x2 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

DC Inverter

# •UB18 •UB24 •UB30 •UB36 •UB42 •UB48 •UB60

UU18W / UU24W / UU30W / UU36W / UU48W / UU60W

## Specifications

### Indoor Unit

| | | | UB18 NHD | UB24 NHD | UB30 NGD | UB36 NGD | UB42 NRD | UB48 NRD | UB60 NRD |
|---|---|---|---|---|---|---|---|---|---|
| Nominal Capacity (Min~Rating~Max) | Cooling | kw | 1.98~4.95~5.44 | 2.84~7.1~7.81 | 3.2~8.0~8.8 | 4.0~9.8~11.0 | 5.0~12.5~13.8 | 5.6~14.0~15.4 | 5.92~14.8~16.3 |
| | | Btu/h | 6,756~16,890~18,562 | 9,680~24,200~26,620 | 10,920~27,300~30,030 | 13,640~34,100~37,500 | 17,060~42,650~46,910 | 19,100~47,770~52,540 | 20,200~50,500~55,550 |
| | Heating | kw | 2.4~6.0~6.6 | 3.2~8.0~8.8 | 3.6~9.0~9.9 | 4.48~11.2~12.3 | 5.6~14.0~15.4 | 6.6~16.4~18.2 | 6.8~16.8~18.7 |
| | | Btu/h | 8,120~20,300~22,330 | 10,920~27,300~30,030 | 12,280~30,700~33,770 | 15,280~38,200~42,020 | 19,108~47,770~52,540 | 22,520~56,300~61,930 | 23,200~58,000~63,800 |
| Nominal Input (Rating) | Cooling | kw | 1.54 | 2.62 | 2.65 | 3.25 | 4.15 | 4.65 | 5.26 |
| | Heating | kw | 1.66 | 2.75 | 2.49 | 3.28 | 3.73 | 4.54 | 4.57 |
| Running Current | Cooling / Heating | A | 0.92 | 0.92 | 1.34 | 1.42 | 3.65 | 3.65 | 3.65 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 3.21 | 2.71 | 3.01 | 3.25 | 3.01 | 3.01 | 2.81 |
| COP | Heating | kw/kw | 3.61 | 2.91 | 3.61 | 3.28 | 3.75 | 3.61 | 3.67 |
| Annual energy consumption | Cooling | kWh | 770 | 1308 | 1420 | 1755 | 2075 | 2915 | 3145 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 16.5 / 14.5 / 13 | 18 / 16.5 / 14 | 26.5 / 23 / 20 | 32 / 29 / 26 | 36 / 32 / 38 | 40 / 35 / 30 | 50 / 45 / 40 |
| Sound Level (H/M/L) | | dB(A)±3 | 36 / 34 / 32 | 38 / 36 / 34 | 34 / 38 / 35 | 42 / 39 / 36 | 42 / 40 / 38 | 44 / 42 / 40 | 46 / 44 / 42 |
| Dehumidification Rate | | l/h | 2 | 2.5 | 3.3 | 4.0 | 5.0 | 6.0 | 6.5 |
| Dimensions (WxHxD) | Body | mm | 880×260×450 | 880×260×450 | 1180×298×450 | 1180×298×450 | 1230×380×590 | 1230×380×590 | 1230×380×590 |
| Weight | Body | kg | 35 | 35 | 38 | 38 | 60 | 60 | 62 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Drain (OD/ID) | mm | 32 / 25 | 32 / 25 | 32 / 25 | 32 / 25 | 32 / 25 | 32 / 25 | 32 / 25 |

### Outdoor Unit

| | | | UU18W UED1 | UU24W UED | UU30W UED | UU36W UED | UU42W U3D | UU48W U3D | UU60W U3D |
|---|---|---|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 1500 | 2000 | 2000 | 2500 | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 48 / 48 | 47 / 50 | 47 / 50 | 54 / 55 | 51 / 53 | 51 / 53 | 51 / 53 |
| Dimensions | WxHxD | mm | 870×655×320 | 870×808×320 | 870×808×320 | 870×1060×320 | 950×1380×330 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 48 | 60 | 60 | 75 | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 15 | 30 | 30 | 30 | 40 | 40 | 40 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 2.5 | 3 × 2.5 | 3 × 2.5 | 3 × 2.5 | 3 × 3.5 | 3 × 3.5 | 3 × 3.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 40 / 30 | 50 / 30 | 50 / 30 | 50 / 30 | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 7.01 / 7.42 | 10.0 / 10.7 | 12.0 / 13.0 | 14.0 / 14.2 | 17.7 / 16.7 | 20.5 / 20.5 | 24.7 / 23.5 |
| Air flow rate | | $m^3$/min | 50 | 58 | 58 | 32 × 2 | 55 × 2 | 55 × 2 | 55 × 2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 20 | 35 | 35 | 50 | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

# •UB36 •UB42 •UB48 •UB60



UU37W

UU43W / UU49W / UU61W

## Specifications

### Indoor Unit

| | | | UB36 NGD | UB42 NRD | UB48 NRD | UB60 NRD |
|---|---|---|---|---|---|---|
| Nominal Capacity (Min~Rating~Max) | Cooling | kw | 4.0 ~ 10.0 ~ 11.0 | 5.0 ~ 12.5 ~ 13.8 | 5.6 ~ 14.0 ~ 15.4 | 5.92 ~ 14.8 ~ 16.3 |
| | | Btu/h | 13,640 ~ 34,100 ~ 37,500 | 17,060 ~ 42,650 ~ 46,910 | 19,100 ~ 47,770 ~ 52,540 | 20,200 ~ 50,500 ~ 55,550 |
| | Heating | kw | 4.48 ~ 11.2 ~ 12.3 | 5.6 ~ 14.0 ~ 15.4 | 6.6 ~ 16.7 ~ 18.2 | 6.8 ~ 17.0 ~ 18.7 |
| | | Btu/h | 15,280 ~ 38,200 ~ 42,020 | 19,108 ~ 47,770 ~ 52,540 | 22,520 ~ 56,300 ~ 61,930 | 23,200 ~ 58,000 ~ 63,800 |
| Nominal Input (Rating) | Cooling | kw | 3.51 | 4.15 | 4.65 | 5.26 |
| | Heating | kw | 3.49 | 3.82 | 4.57 | 4.7 |
| Running Current | Cooling / Heating | A | 1.42 | 3.65 | 3.65 | 3.65 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 2.85 | 3.01 | 3.01 | 2.81 |
| COP | Heating | kw/kw | 3.21 | 3.66 | 3.61 | 3.61 |
| Annual energy consumption | Cooling | kWh | 1755 | 2075 | 2915 | 3145 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 32 / 29 / 26 | 36 / 32 / 38 | 40 / 35 / 30 | 50 / 45 / 40 |
| Sound Level (H/M/L) | | dB(A)±3 | 42 / 39 / 36 | 42 / 40 / 38 | 44 / 42 / 40 | 46 / 44 / 42 |
| Dehumidification Rate | | l/h | 4 | 5 | 6 | 6.5 |
| Dimensions (WxHxD) | Body | mm | 1180×298×450 | 1230×380×590 | 1230×380×590 | 1230x380x590 |
| Weight | Body | kg | 38 | 60 | 60 | 62 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Drain (OD/ID) | mm | 32 / 25 | 32 / 25 | 32 / 25 | 32 / 25 |

### Outdoor Unit

| | | | UU37W UED | UU43W U3D | UU49W U3D | UU61W U3D |
|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 2500 | 3600 | 3600 (127) | 3600 (127) |
| | Type | | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 54 / 55 | 51 / 53 | 51 / 53 | 51 / 53 |
| Dimensions | WxHxD | mm | 870×1060×320 | 950×1380×330 | 950×1380×330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 80 | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 2.5 | 3 × 2.5 | 3 × 2.5 | 3 x 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 50 / 30 | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 |
| Running Current | Cooling / Heating | A | 3.7 / 3.9 | 4.09 / 4.28 | 4.98 / 5.23 | 5.91 / 5.79 |
| Air flow rate | | $m^3$/min | 32 × 2 | 55 × 2 | 55 × 2 | 55 x 2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 45 | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

# •UB18 •UB24 •UB30 •UB36 •UB48 •UB60

UU18

UU24 / UU30

UU37

UU48 / UU60

## Specifications

### Indoor Unit

| | | | UB18 NHD | UB24 NHD | UB30 NGD | UB36 NGD | UB48 NRD | UB60 NRD |
|---|---|---|---|---|---|---|---|---|
| Nominal Capacity (Min~Rating~Max) | Cooling | kw | 4.95 | 6.5 | 8.00 | 10.0 | 13.70 | 14.90 |
| | | Btu/h | 16,890 | 22,179 | 27,300 | 34,100 | 46,700 | 50,800 |
| | Heating | kw | 5.8 | 7.4 | 9.00 | 11.0 | 16.00 | 17.50 |
| | | Btu/h | 19,800 | 26,410 | 30,700 | 37,500 | 54,600 | 59,700 |
| Nominal Input (Rating) | Cooling | kw | 1.96 | 2.49 | 3.60 | 4.00 | 5.84 | 6.30 |
| | Heating | kw | 2.18 | 2.60 | 3.20 | 3.60 | 5.20 | 5.00 |
| Running Current | Cooling / Heating | A | 0.92 | 0.92 | 1.34 | 1.42 | 3.65 | 3.65 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 2.53 | 2.61 | 2.22 | 2.50 | 2.35 | 2.37 |
| COP | Heating | kw/kw | 2.66 | 2.85 | 2.81 | 3.06 | 3.08 | 3.50 |
| Operational Temperature | Cooling | ℃ | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 |
| Range | Heating | ℃ | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 |
| Air Flow Rate (H/M/L) | | CMM | 16.5/14.5/13 | 18/16.5/14 | 26.5/23/20 | 32/29/26 | 40/35/30 | 50/45/40 |
| Sound Level (H/M/L) | | dB(A)±3 | 36/34/32 | 38/36/34 | 34/38/35 | 42/39/36 | 44/42/40 | 46/44/42 |
| Dehumidification Rate | | l/h | 1.59 | 2.5 | 3.3 | 4.0 | 6.0 | 6.5 |
| Dimensions (WxHxD) | Body | mm | 880×260×450 | 880×260×450 | 1180×298×450 | 1180×298×450 | 1230×380×590 | 1230×380×590 |
| Weight | Body | kg | 35 | 35 | 38 | 38 | 60 | 62 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Drain (OD/ID) | mm | 32/25 | 32/25 | 32/25 | 32/25 | 32/25 | 32/25 |

### Outdoor Unit

| | | | UU18 UED | UU24 UED | UU30 UED | UU37 UED | UU48 U3D | UU60 U3D |
|---|---|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Scroll | Scroll | Scroll |
| Refrigerant Charge | Charge | g | 1300 | 1950 | 1870 | 2450 | 3300 | 3500 |
| | Type | | R410A | R410A | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 52 | 52 | 53 | 52 | 55 | 55 |
| Dimensions | WxHxD | mm | 870×655×320 | 870×808×320 | 870×808×320 | 870×1060×320 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 52 | 60 | 64 | 85 | 105 | 105 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3×2.5 | 3×2.5 | 3×2.5 | 4×2.5 | 4×2.5 | 4×2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4×0.75 | 4×0.75 | 4×0.75 | 4×0.75 | 4×0.75 | 4×0.75 |
| Max. Piping Length / Elevation | | m | 50/30 | 40/30 | 50/30 | 50/30 | 50/30 | 40/30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 |
| Running Current | Cooling / Heating | A | 8.83/6.54 | 11.4/12.6 | 17.2/16.3 | 7.5/7.7 | 6.5/6.4 | 6.9/6.7 |
| Air flow rate | | CMM | 53 | 53 | 53 | 32×2 | 55×2 | 55×2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 35 | 45 | 45 | 45 | 50 | 50 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB

# CEILING & FLOOR CEILING SUSPENDED

Floor / Ceiling Convertible System has the flexibility of multiple installations.
The Indoor Unit can easily be mounted on the floor or suspended from the ceiling.

## Flexible Installation

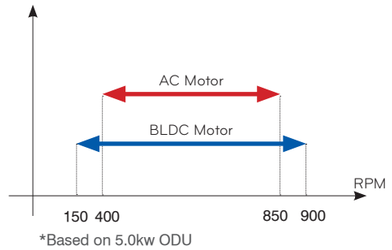
The Ceiling & Floor model can be installed either ceiling or floor. So you can save the space when you install this units on your shop or office.

*Floor is only for DC inverter

## High Efficiency BLDC Motor

H-inverter models can extend the RPM range compare to normal AC Motors

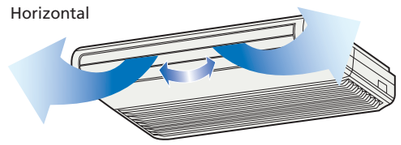
- More efficiency than ordinary model
- Wide range of RPM



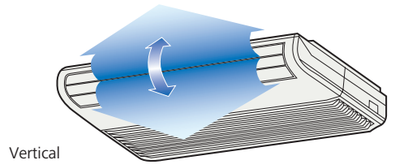

*Based on 5.0kw ODU

## Airflow Direction Control

Horizontal Airflow Direction Control.
Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.




Vertical Airflow Direction Control
The airflow direction can be adjusted as desired by using the remote controller.




## Ez-Remote Controller

User Friendly & Modern Design and Easy use!!
-Comfortable to grab
- Sliding type
- Bigger size button
- Highlighted some buttons with different colors
- Easy to recognize functions withgraphics

## Weekly Program

You can set the daily temperature and automatic on/off times for one week Weekly reservation keeps operating until it is cancelled by the user

-Indoor unit is turned on to the desired temperature, the TEMP up/down buttons can be used to set the desired present or preset temperature.
(Temperature selection range : 18°C~30°C)
-When desired temperature is not set, it is turned on automatically with the desired temperature of the previous operation
*This is only for all H-inverter convertible model and UV09,UV12 standard inverter model. PVRCUSZ0 Remote Controller will be provided for the rest of standard inverter model.


*It is possible 4 times setting a day but PVRCUSZ0 can be only 1 time.

- UV12H
- UV18H
- UV21H
- UV24H

High Efficiency Inverter


UV12H, UV18H


UV21H , UV24H



UU12WH UU18WH UU21WH /UU24WH

## Specifications

### Indoor Unit

| | | | UV12H NJ1 | UV18H NJ1 | UV21H NK1 | UV24H NK1 |
|---|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 1.4-3.5-4.2 | 2.0-5.0-5.5 | 2.8-6.0-8.0 | 2.8-7.0-8.4 |
| | | Btu/h | 4,770-11,900-14,300 | 6,820-17,060-18,760 | 9,550-20,470-27,300 | 9,550-23,900-28,660 |
| | Heating | kw | 1.6-4.0-4.8 | 2.2-5.4-6.05 | 3.1-7.0-9.0 | 3.2-7.7-9.2 |
| | | Btu/h | 4,780-13,650-16,380 | 7,510-18,430-20,640 | 10,580-23,900-30,700 | 10,920-26,270-31,390 |
| Nominal Input (Rated) | Cooling | kw | 1.03 | 1.31 | 1.6 | 1.94 |
| | Heating | kw | 1.05 | 1.50 | 1.66 | 1.92 |
| Running Current | Cooling / Heating | A | 0.6 | 0.6 | 0.7 | 0.7 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 3.40 | 3.81 | 3.75 | 3.61 |
| COP | Heating | kw/kw | 3.81 | 3.61 | 4.22 | 4.01 |
| Annual energy consumption | Cooling | kWh | 515 | 655 | 800 | 970 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 12.4/11.4/10.4 | 13.9/12.9/11.9 | 20.4/18.8/17.2 | 21.4/19.8/18.2 |
| Sound Level ((H/M/L/LL) | | dB(A)±3 | 42 / 40 / 39 / 37 | 44 / 43 / 41 / 40 | 44 / 42 / 40 / 40 | 45 / 44 / 41 / 40 |
| Dehumidification Rate | | l/h | 0.58 | 1.63 | 1.86 | 1.86 |
| Dimensions (WxHxD) | Body | mm | 950x650x220 | 950x650x220 | 1350×650×220 | 1350×650×220 |
| Weight | Body | kg | 24.6 | 24.6 | 35 | 35 |
| Piping Connections | Liquid | mm(inch) | 6.35(1/4) | 6.35(1/4) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm(inch) | 9.52(3/8) | 12.7(1/2) | 15.88(5/8) | 15.88(5/8) |

### Outdoor Unit

| | | | UU12WH UE1 | UU18WH UE1 | UU21WH U41 | UU24WH U41 |
|---|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g | 1,200 | 2,000 | 2,200 | 2,200 |
| | Type | | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Diacharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 48 / 48 | 47 / 50 | 47 / 50 | 47 / 50 |
| | Night Operation | dB(A)±3 | 45 | 39 | 44 | 44 |
| Dimensions | WxHxD | mm | 870x655x320 | 870x808x320 | 950x834x330 | 950x834x320 |
| Net Weight | Outdoor | kg | 46 | 58 | 63 | 63 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 9.52 (3/8) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 15 | 20 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 2.5 | 3 x 2.5 | 3 x 2.5 | 3 x 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 | 4 x 0.75 | 4 x 0.75 | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 30 / 20 | 50 / 30 | 50 / 30 | 50 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220-240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 4.4 / 4.6 | 6.0 / 6.7 | 7.6 / 7.7 | 9.5 / 9.0 |
| Air flow rate | | $m^3$/min | 50 | 58 | 58 | 58 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 20 | 20 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UV36H
- UV42H
- UV48H

High Efficiency Inverter


UV36H, UV42H, UV48H

UU36WH / UU42WH / UU48WH

## Specifications

### Indoor Unit

| | | | UV36H NL1 | UV42H NL1 | UV48H NL1 |
|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 4.3-9.5-12.4 | 5.0-12.5-14.9 | 5.4-13.3-16.1 |
| | | Btu/h | 14,670-32,420-42,310 | 17,060-42,650-50,840 | 18,430-45,380-54,940 |
| | Heating | kw | 4.2-10.5-13.7 | 5.4-13.6-16.3 | 6.2-15-17.8 |
| | | Btu/h | 14,330-35,830-46,750 | 18,430-46,410-55,620 | 21,160-51,180-60,740 |
| Nominal Input (Rated) | Cooling | kw | 2.63 | 3.89 | 4.42 |
| | Heating | kw | 2.62 | 3.57 | 4.16 |
| Running Current | Cooling / Heating | A | 0.9 | 0.9 | 0.9 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 3.61 | 3.21 | 3.01 |
| COP | Heating | kw/kw | 4.01 | 3.81 | 3.61 |
| Annual energy consumption | Cooling | kWh | 1315 | 1945 | 2210 |
| Operational Temperature | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| Range | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 28.6/26.9/25.2 | 30/28.3/26.6 | 31.5/29.7/28 |
| Sound Level ((H/M/L/LL) | | dB(A)±3 | 46 / 44 / 43 / 42 | 47 / 46 / 44 / 43 | 48 / 47 / 45 / 44 |
| Dehumidification Rate | | l/h | 2.93 | 4.77 | 5.05 |
| Dimensions (WxHxD) | Body | mm | 1750×650×220 | 1750×650×220 | 1750×650×220 |
| Weight | Body | kg | 45 | 45 | 45 |
| Piping Connections | Liquid | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm(inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |

### Outdoor Unit

| | | | UU36WH U31 | UU42WH U31 | UU48WH U31 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Diacharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| Dimensions | WxHxD | mm | 950x1380x330 | 950x1380x330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 40 | 40 | 40 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 x 5.0 | 3 x 5.0 | 3 x 5.0 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 x 0.75 | 4 x 0.75 | 4 x 0.75 |
| Max. Piping Length / Elevation | | m | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 11.5 / 11.3 | 16.8 / 15.0 | 18.7 / 18.0 |
| Air flow rate | | $m^3$/min | 55 x 2 | 55 x 2 | 55 x 2 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UV36H
- UV42H
- UV48H

3Phase High Efficiency Inverter

UV36H, UV42H, UV48H

UU37WH / UU43WH / UU49WH

## Specifications

### Indoor Unit

| | | | UV36H NL1 | UV42H NL1 | UV48H NL1 |
|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 4.3-9.5-12.4 | 5.0-12.5-14.9 | 5.4-13.3-16.1 |
| | | Btu/h | 14,670-32,420-42,310 | 17,060-42,650-50,840 | 18,430-45,380-54,940 |
| | Heating | kw | 4.2-10.5-13.7 | 5.4-13.6-16.3 | 6.2-15-17.8 |
| | | Btu/h | 14,330-35,830-46,750 | 18,430-46,410-55,620 | 21,160-51,180-60,740 |
| Nominal Input (Rated) | Cooling | kw | 2.63 | 3.89 | 4.42 |
| | Heating | kw | 2.62 | 3.57 | 4.16 |
| Running Current | Cooling / Heating | A | 0.9 | 0.9 | 0.9 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 3.61 | 3.21 | 3.01 |
| COP | Heating | kw/kw | 4.01 | 3.81 | 3.61 |
| Annual energy consumption | Cooling | kWh | 1315 | 1945 | 2210 |
| Operational Temperature Range | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 28.6/26.9/25.2 | 30/28.3/26.6 | 31.5/29.7/28 |
| Sound Level ((H/M/L/LL) | | dB(A)±3 | 46 / 44 / 43 / 42 | 47 / 46 / 44 / 43 | 48 / 47 / 45 / 44 |
| Dehumidification Rate | | l/h | 2.93 | 4.77 | 5.05 |
| Dimensions (WxHxD) | Body | mm | 1750×630×220 | 1750×630×220 | 1750×630×220 |
| Weight | Body | kg | 45 | 45 | 45 |
| Piping Connections | Liquid | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm(inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |

### Outdoor Unit

| | | | UU37WH U31 | UU43WH U31 | UU49WH U31 |
|---|---|---|---|---|---|
| Compressor | Type | | Twin Rotary | Twin Rotary | Twin Rotary |
| Refrigerant Charge | Charge | g(oz) | 3600(127) | 3600(127) | 3600(127) |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| Dimensions | WxHxD | mm | 950x1380x330 | 950x1380x330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm(inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3*5.0 | 3*5.0 | 3*5.0 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4*0.75 | 4*0.75 | 4*0.75 |
| Max. Piping Length / Elevation | | m | 75/30 | 75/30 | 75/30 |
| Power Supply | | Ø/V/Hz | 3 / 380-415 / 50 | 3 / 380-415 / 50 | 3 / 380-415 / 50 |
| Running Current | Cooling / Heating | A | 4.2/4.1 | 6.0/5.7 | 6.7/6.5 |
| Air flow rate | | $m^3$/min | 55x2 | 55x2 | 55x2 |
| Additional Refrigerant Charge (Over 10.0m) | | g/m | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UV09
- UV12
- UV18
- UV24
- UV30

DC Inverter

UV09/UV12

UV18~UV30

UU09W/UU12W UU18W UU24W/UU30W

## Specifications

### Indoor Unit

| | | | UV09 NED | UV12 NED | UV18 NBD | UV24 NBD | UV30 NBD |
|---|---|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 1.0 ~ 2.5 ~ 2.75 | 1.32 ~ 3.3 ~ 3.63 | 1.92 ~ 4.8 ~ 5.28 | 2.8 ~ 7.0 ~ 7.7 | 3.04 ~ 7.6 ~ 8.36 |
| | | Btu/h | 3,410 ~ 8,530 ~ 9,380 | 4,504 ~ 11,260 ~ 12,386 | 6,510 ~ 16,378 ~ 18,016 | 9,553 ~ 23,884 ~ 26,272 | 10,373 ~ 25,932 ~ 28,525 |
| | Heating | kw | 1.2 ~ 3.0 ~ 3.3 | 1.52 ~ 3.8 ~ 4.18 | 2.04 ~ 5.1 ~ 5.61 | 3.08 ~ 7.7 ~ 8.47 | 3.36 ~ 8.4 ~ 9.24 |
| | | Btu/h | 4,090 ~ 10,240 ~ 11,260 | 5,186 ~ 12,966 ~ 14,262 | 6,960 ~ 17,401 ~ 19,142 | 10,509 ~ 26,274 ~ 28,901 | 11,464 ~ 28,662 ~ 31,528 |
| Nominal Input (Rated) | Cooling | kw | 0.75 | 1.09 | 1.49 | 2.30 | 2.68 |
| | Heating | kw | 0.83 | 1.18 | 1.49 | 2.74 | 2.99 |
| Running Current | Cooling / Heating | A | 0.13 | 0.13 | 0.56 | 0.56 | 0.56 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 3.33 | 3.03 | 3.22 | 3.04 | 2.84 |
| COP | Heating | kw/kw | 3.61 | 3.22 | 3.42 | 2.81 | 2.81 |
| Annual energy consumption | Cooling | kWh | 375 | 545 | 745 | 1150 | 1340 |
| Operational Temperature Range | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 7.6 / 6.9 / 6.2 | 9.2 / 7.6 / 6.59 | 13.5 / 12 / 11 | 15 / 13.5 / 12 | 18 / 16 / 14 |
| Sound Level (H/M/L) | | dB(A)±3 | 38 / 35 / 32 | 40 / 36 / 31 | 43 / 40 / 37 | 45 / 42 / 39 | 45 / 42 / 39 |
| Dehumidification Rate | | l/h | 1.2 | 1.2 | 2.3 | 3.2 | 3.5 |
| Dimensions (WxHxD) | Body | mm | 900×200×490 | 900×200×490 | 1,200×205×615 | 1,200×205×615 | 1,200×205×615 |
| Weight | Body | kg | 13.7 | 13.7 | 30 | 30 | 30 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU09W ULD | UU12W ULD | UU18W UED1 | UU24W UED | UU30W UED |
|---|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 1000 | 1000 | 1500 | 2000 | 2000 |
| | Type | | R410A | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 47 / 48 | 47 / 48 | 48 / 48 | 47 / 50 | 47 / 50 |
| Dimensions | WxHxD | mm | 770×540×245 | 770×540×245 | 870×655×320 | 870×808×320 | 870×808×320 |
| Net Weight | Outdoor | kg | 32 | 32 | 48 | 60 | 60 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 15 | 15 | 15 | 30 | 30 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 1.5 | 3 × 1.5 | 3 x 2.5 | 3 × 2.5 | 3 × 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 15 / 10 | 15 / 10 | 40 / 30 | 50 / 30 | 50 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 3.42 / 3.87 | 5.02 / 5.03 | 7.1 / 7.1 | 10.0 / 10.7 | 12.0 / 13.0 |
| Air flow rate | | $m^3$/min | 50 | 50 | 50 | 58 | 58 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 20 | 20 | 20 | 35 | 35 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

# •UV36 •UV42 •UV48 •UV60

UV36

UV42, UV48, UV60

UU36W

UU42W / UU48W / UU60W

## Specifications

### Indoor Unit

| | | | UV36 NKD | UV42 NLD | UV48 NLD | UV60 NLD |
|---|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 3.8 ~ 9.5 ~ 10.5 | 5.0 ~ 12.5 ~ 13.8 | 5.32 ~ 13.3 ~ 14.6 | 5.72 ~ 14.4 ~ 15.7 |
| | | Btu/h | 12,960 ~ 32,400 ~ 35,640 | 17,060 ~ 42,650 ~ 46,915 | 18,160 ~ 45,400 ~ 49,940 | 195,20 ~ 48,800 ~ 53,680 |
| | Heating | kw | 4.2 ~ 10.5 ~ 11.6 | 5.6 ~ 13.6 ~ 15.4 | 6.4 ~ 15.3 ~ 17.6 | 6.8 ~ 16.8 ~ 18.7 |
| | | Btu/h | 14,320 ~ 35,800 ~ 39,380 | 19,108 ~ 47,770 ~ 52,547 | 21,840 ~ 54,600 ~ 60,060 | 23,200 ~ 58,000 ~ 63,800 |
| Nominal Input (Rated) | Cooling | kw | 3.32 | 4.00 | 4.41 | 5.3 |
| | Heating | kw | 3.27 | 3.98 | 4.76 | 5.5 |
| Running Current | Cooling / Heating | A | 0.97 | 1.34 | 1.34 | 1.34 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 2.86 | 3.12 | 3.01 | 2.71 |
| COP | Heating | kw/kw | 3.21 | 3.41 | 3.21 | 3.05 |
| Annual energy consumption | Cooling | kWh | 1660 | 2075 | 2325 | 2630 |
| Operational Temperature Range | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 29 / 27 / 24 | 32 / 30 / 28 | 36 / 34 / 32 | 38 / 36 / 34 |
| Sound Level (H/M/L) | | dB(A)±3 | 44 / 42 / 40 | 48 /45 /42 | 54 / 52 / 50 | 56 / 54 / 52 |
| Dehumidification Rate | | l/h | 3.5 | 4.5 | 5.8 | 6.2 |
| Dimensions (WxHxD) | Body | mm | 1350×650×220 | 1750×650×220 | 1750×650×220 | 1750×650×220 |
| Weight | Body | kg | 35 | 45 | 45 | 45 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU36W UED | UU42W U3D | UU48W U3D | UU60W U3D |
|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 2500 | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 54 / 55 | 51 / 53 | 51 / 53 | 51 / 53 |
| Dimensions | WxHxD | mm | 870×1060×320 | 950×1380×330 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 75 | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 30 | 40 | 40 | 40 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 2.5 | 3 × 3.5 | 3 × 3.5 | 3 × 3.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 50 / 30 | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 14.0 / 14.2 | 17.7 / 16.7 | 20.5 / 20.5 | 24.7 / 23.5 |
| Air flow rate | | $m^3$/min | 32 × 2 | 55 × 2 | 55 × 2 | 55 × 2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 50 | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition





# •UV36 •UV42 •UV48 •UV60

UV36

UV42, UV48, UV60

UU37W

UU43W / UU49W / UU61W

## Specifications

### Indoor Unit

| | | | UV36 NKD | UV42 NLD | UV48 NLD | UV60 NLD |
|---|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 3.8 ~ 9.5 ~ 10.5 | 5.0 ~ 12.5 ~ 13.8 | 5.32 ~ 13.3 ~ 14.6 | 5.72 ~ 14.4 ~ 15.7 |
| | | Btu/h | 12,960 ~ 32,400 ~ 35,640 | 17,060 ~ 42,650 ~ 46,915 | 18,160 ~ 45,400 ~ 49,940 | 19,520 ~ 48,800 ~ 53,680 |
| | Heating | kw | 4.2 ~ 10.5 ~ 11.6 | 5.6 ~ 13.6 ~ 15.4 | 6.4 ~ 15.3 ~ 17.6 | 6.8 ~ 16.8 ~ 18.7 |
| | | Btu/h | 14,320 ~ 35,800 ~ 39,380 | 19,108 ~ 47,770 ~ 52,547 | 21,840 ~ 54,600 ~ 60,060 | 23,200 ~ 58,000 ~ 63,800 |
| Nominal Input (Rated) | Cooling | kw | 3.32 | 4 | 4.41 | 5.30 |
| | Heating | kw | 3.27 | 3.98 | 4.76 | 5.5 |
| Running Current | Cooling / Heating | A | 0.97 | 0.67 x 2 | 0.67 x 2 | 0.67 x 2 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 2.86 | 3.12 | 3.01 | 2.71 |
| COP | Heating | kw/kw | 3.21 | 3.41 | 3.21 | 3.05 |
| Annual energy consumption | Cooling | kWh | 1660 | 2075 | 2325 | 2630 |
| Operational Temperature Range | Cooling | ℃ | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| | Heating | ℃ | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 29 / 27 / 24 | 32 / 30 / 28 | 36 / 34 / 32 | 38 / 36 / 34 |
| Sound Level (H/M/L) | | dB(A)±3 | 44 / 42 / 40 | 48 / 45 / 42 | 54 / 52 / 50 | 56 / 54 / 52 |
| Dehumidification Rate | | l/h | 3.5 | 4.5 | 5.8 | 6.2 |
| Dimensions (WxHxD) | Body | mm | 1350×650×220 | 1750×650×220 | 1750×650×220 | 1750×650×220 |
| Weight | Body | kg | 35 | 45 | 45 | 45 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU37W UED | UU43W U3D | UU49W U3D | UU61W U3D |
|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 2500 | 3600 | 3600 | 3600 |
| | Type | | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 54 / 55 | 51 / 53 | 51 / 53 | 51 / 53 |
| Dimensions | WxHxD | mm | 870×1060×320 | 950×1380×330 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 80 | 103 | 103 | 103 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Circuit Breaker | | A | 20 | 25 | 25 | 25 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 2.5 | 3 × 3.5 | 3 × 3.5 | 3 × 3.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 50 / 30 | 75 / 30 | 75 / 30 | 75 / 30 |
| Power Supply | | Ø/V/Hz | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 | 3 / 380 ~ 415 / 50 |
| Running Current | Cooling / Heating | A | 3.7 / 3.9 | 4.09 / 4.28 | 4.98 / 5.23 | 5.91 / 5.79 |
| Air flow rate | | $m^3$/min | 32 × 2 | 55 × 2 | 55 × 2 | 55 × 2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 45 | 40 | 40 | 40 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

# •UV12 •UV18 •UV24 •UV30

UV09/UV12



UV18~UV30

UU12 UU18 UU24 / UU30

## Specifications

### Indoor Unit

| | | | UV12 NED | UV18 NBD | UV28 NBD | UV30 NBD |
|---|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 3.27 | 4.45 | 6.5 | 7.80 |
| | | Btu/h | 11,157 | 15,184 | 22,179 | 26,600 |
| | Heating | kw | 3.75 | 5.4 | 7.3 | 8.80 |
| | | Btu/h | 12,795 | 18,425 | 24,909 | 30,000 |
| Nominal Input (Rated) | Cooling | kw | 1.3 | 1.84 | 2.49 | 3.53 |
| | Heating | kw | 1.32 | 2.00 | 2.60 | 3.65 |
| Running Current | Cooling / Heating | A | 0.13 | 0.56 | 0.56 | 0.56 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 2.52 | 2.42 | 2.61 | 2.21 |
| COP | Heating | kw/kw | 2.84 | 2.70 | 2.81 | 2.41 |
| Operational Temperature | Cooling | ℃ | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 |
| Range | Heating | ℃ | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 |
| Air Flow Rate (H/M/L) | | CMM | 9.2 / 7.6 / 6.9 | 13.5 / 12 / 11 | 15 / 13.5 / 12 | 18 / 16 / 14 |
| Sound Level (H/M/L) | | dB(A)±3 | 40 / 36 / 31 | 43 / 40 / 37 | 45 / 42 / 39 | 45 / 42 / 39 |
| Dehumidification Rate | | l/h | 1.2 | 1.42 | 3.2 | 3.5 |
| Dimensions (WxHxD) | Body | mm | 900×200×490 | 1,200×205×615 | 1,200×205×615 | 1,200×205×615 |
| Weight | Body | kg | 13.7 | 30 | 30 | 30 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 9.52 (3/8) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU12 ULD | UU18 UED | UU24 UED | UU30 UED |
|---|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g(oz) | 1200 (42.4) | 1300 (45.90) | 1950 (68.9) | 1870 (66.0) |
| | Type | | R410A | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge | Side Discharge |
| Noise Level (H/L) | Sound Press,1m | dB(A)±3 | 47 | 52 | 52 | 53 |
| Dimensions | WxHxD | mm | 770×540×245 | 870×655×320 | 870×808×320 | 870×808×320 |
| Net Weight | Outdoor | kg | 31 | 52 | 60 | 64 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 9.52 (3/8) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |
| Power Supply Cable (Includes earth) | | No.*mm² | 3×2.5 | 3×2.5 | 3×2.5 | 3×3.5 |
| Inter-unit Cable (Includes earth) | | No.*mm² | 4×0.75 | 4×0.75 | 4×0.75 | 4×0.75 |
| Max. Piping Length / Elevation | | m | 15/10 | 50/30 | 40/30 | 50/30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 5.84/5.92 | 8.16/8.91 | 11.4/12.6 | 17.2/16.3 |
| Air flow rate | | CMM(CFM) | 26 (918) | 53(1872) | 53(1872) | 53(1872) |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 20 | 35 | 45 | 45 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB
Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 7℃ DB / 6℃ WB

# •UV36 •UV48 •UV60

UV36

UV42, UV48, UV60

UU37 UU48 / UU60

## Specifications

### Indoor Unit

| | | | UV36 NKD | UV48 NLD | UV60 NLD |
|---|---|---|---|---|---|
| Nominal Capacity (Min-Rating-Max) | Cooling | kw | 10.0 | 13.20 | 48,800 |
| | | Btu/h | 34,100 | 45,000 | 14.30 |
| | Heating | kw | 11.0 | 15.00 | 58,000 |
| | | Btu/h | 37,500 | 51,182 | 17.00 |
| Nominal Input (Rated) | Cooling | kw | 3.72 | 5.30 | 5.90 |
| | Heating | kw | 3.78 | 5.00 | 5.80 |
| Running Current | Cooling / Heating | A | 0.97 | 0.67*2 | 0.67*2 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 | 1 / 220 ~240 / 50 |
| EER | Cooling | kw/kw | 2.69 | 2.49 | 2.42 |
| COP | Heating | kw/kw | 2.91 | 3.00 | 2.93 |
| Operational Temperature | Cooling | ℃ | -5 ~ 43 | -5 ~ 43 | -5 ~ 43 |
| Range | Heating | ℃ | -10 ~ 24 | -10 ~ 24 | -10 ~ 24 |
| Air Flow Rate (H/M/L) | | CMM | 29 / 27 / 24 | 36 / 34 / 32 | 38 / 36 / 34 |
| Sound Level (H/M/L) | | dB(A)±3 | 44 / 42 / 40 | 54 / 52 / 50 | 56 / 54 / 52 |
| Dehumidification Rate | | l/h | 3.5 | 5.8 | 6.2 |
| Dimensions (WxHxD) | Body | mm | 1350×630×220 | 1750×630×220 | 1750×630×220 |
| Weight | Body | kg | 35 | 45 | 45 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |

### Outdoor Unit

| | | | UU37 UED | UU48 U3D | UU60 U3D |
|---|---|---|---|---|---|
| Compressor | Type | | Scroll | Scroll | Scroll |
| Refrigerant Charge | Charge | g(oz) | 2450 (86.4) | 3300 (116.4) | 3500 (123.4) |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge |
| Noise Level (H/L) | Sound Press, 1m | dB(A)±3 | 52 | 55 | 55 |
| Dimensions | WxHxD | mm | 870×1060×320 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 85 | 105 | 105 |
| Piping connection | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Power Supply Cable (Includes earth) | | No.*mm² | 5×2.5 | 5×2.5 | 5×2.5 |
| Inter-unit Cable (Includes earth) | | No.*mm² | 4×0.75 | 4×0.75 | 4×0.75 |
| Max. Piping Length / Elevation | | m | 50/30 | 50/30 | 40/30 |
| Power Supply | | Ø/V/Hz | 3 / 380~415 / 50 | 3 / 380~415 / 50 | 3 / 380~415 / 50 |
| Running Current | Cooling / Heating | A | 7.5/7.7 | 6.5/6.4 | 6.9/6.7 |
| Air flow rate | | CMM(CFM) | 32(1130)×2 | 55(1942)×2 | 55(1942)×2 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 45 | 50 | 50 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB
Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 7℃ DB / 6℃ WB

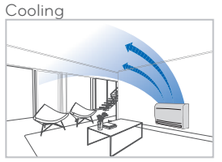
# CONSOLE

This unit has nice outlook and is equipped with many special features.
With stylish design, excluisve air purifier function and ease of use, the LG console is the perfect fit for any space - whether at home, office, restaurant and light commercial application.

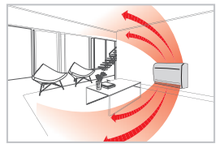
## Comfort Air Flow

•Different air flow of cooling & heating
For cooling, the vane is adjusted upwards to let the cold air travel up. As for heating, the vane sends the heated air downwards to balance room temperature specially for floor.

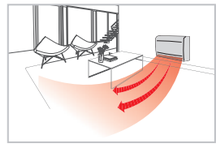
Cooling



Heating (Nomal)



Heating (Floor Heating Mode)



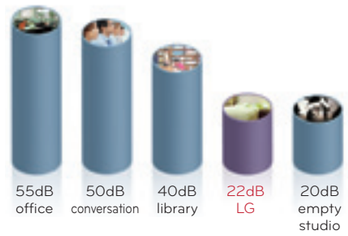
•Quick floor heating
Console air conditioners can operate faster to provider more powerful performance. The results is to attain the desired temperature much faster in floor heating mode than conventional air conditioners.

| | | Company A | Company B | Electric Heater | LG | LG Floor Heating Mode |
|---|---|---|---|---|---|---|
| 27°C / 15°C | Vertical | | | | | |
| | Horizontal | | | | | |
| Lead Time for Heating (13°C 21°C) | | 12 minutes 30 seconds | 9 minutes 40 seconds | 50 minutes | 9 minutes 30 seconds | 8 minutes 40 seconds |

(Test Condition :Target Temp 23°C, Indoor Room:13°C~ , Outdoor Room:7°C)

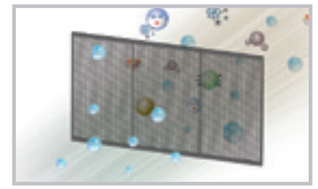
• EZ vane tap control

•Quiet operation (22dB)



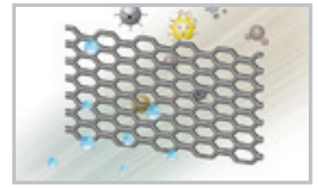

## Healthy Air (3 stage air filter system)

1st Advanced pre filter :
The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.



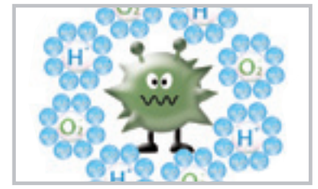
1st Advanced pre filter

2nd Allergy Filter :
Filter consists of enzyme that breaks down allergen, apatite, and
organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



2nd Allergy Filter

3rd Plasma Ion Generator :
The sterilized ion generating system, Ion Generator, emits around 1.2 million ions, and catches hazardous substances floating in the air, therefore proactively looking for and catching germs.



3rd Plasma Ion Generator

## LG Unique design

Console has been designed with the latest technologies to ensure optimum comfort.

- **Full front panel**
- **3 dimensional round design**

## EZ Installation & SVC

- 6 Way Pipe Installation
  6 way connectable pipe offers the flexible installation.

- Sliding-Type PCB at control box
  It offers easy access to slide in and out the PCB.

## Ez-Remote Controller

User Friendly & Modern Design and Easy use!!
-Comfortable to grab
- Sliding type
- Bigger size button
- Highlighted some buttons with different colors
- Easy to recognize functions withgraphics

- CQ09
- CQ12
- CQ18

DC Inverter

UU09W/UU12W　　UU18W

## Specifications

### Indoor Unit

| | | | CQ09 NA0 | CQ12 NA0 | CQ18 NA0 |
|---|---|---|---|---|---|
| Nominal Capacity (Min~Rating~Max) | Cooling | kw | 1.3 ~ 2.55 ~ 3.4 | 1.36 ~ 3.5 ~ 3.74 | 2.0 ~ 4.6 ~ 5.5 |
| | | Btu/h | 4,439 ~ 8,707 ~ 11,609 | 4,644 ~ 11,950 ~ 12,770 | 6,829 ~ 15,706 ~ 18,779 |
| | Heating | kw | 1.36 ~ 3.1 ~ 4.2 | 1.6 ~ 4.0 ~ 4.4 | 2.2 ~ 5.0 ~ 6.0 |
| | | Btu/h | 4,644 ~ 10,585 ~ 14,341 | 5,463 ~ 13,658 ~ 15,023 | 7,512 ~ 17,072 ~ 20,487 |
| Nominal Input (Rated) | Cooling | kw | 0.635 | 1.06 | 1.49 |
| | Heating | kw | 0.74 | 1.08 | 1.46 |
| Running Current | Cooling /Heating | A | 0.2 | 0.2 | 0.2 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| EER | Cooling | kw/kw | 4.02 | 3.3 | 3.09 |
| COP | Heating | kw/kw | 4.19 | 3.7 | 3.43 |
| Annual energy consumption | Cooling | kWh | 317 | 530 | 745 |
| Operational Temperature Range | Cooling | °C | -10 ~ 43 | -10 ~ 43 | -10 ~ 43 |
| | Heating | °C | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Air Flow Rate (H/M/L) | | $m^3$/min | 8.1 / 6.5 / 5.2 | 8.1 / 6.5 / 5.2 | 10.1 / 8.6 / 7.2 |
| Sound Level (H/M/L) | | dB(A)±3 | 38 / 32 / 27 / 22 | 39 / 32 / 27 / 23 | 44 / 39 / 35 / 32 |
| Dimensions (WxHxD) | Body | mm | 700×600×210 | 700×600×210 | 700×600×210 |
| | Decorative Panel | mm | 696×786×286 | 696×786×286 | 696×786×286 |
| Weight | Body | kg | 13.8 | 13.8 | 13.8 |
| | Gross Weight | kg | 16 | 16 | 16 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) |

### Outdoor Unit

| | | | UU09W ULD | UU12W ULD | UU18W UED1 |
|---|---|---|---|---|---|
| Compressor | Type | | Rotary | Rotary | Rotary |
| Refrigerant Charge | Charge | g | 1000 | 1000 | 1500(46) |
| | Type | | R410A | R410A | R410A |
| Fan | Discharge | Side/Top | Side Discharge | Side Discharge | Side Discharge |
| Noise Level | Cooling/Heating | dB(A)±3 | 47 / 48 | 47 / 48 | 48 / 48 |
| Dimensions | WxHxD | mm | 770×540×245 | 770×540×245 | 870×655×320 |
| Net Weight | Outdoor | kg | 32 | 32 | 48 |
| Piping connection | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) |
| Circuit Breaker | | A | 15 | 15 | 15 |
| Power Supply Cable (Includes earth) | | No.*$mm^2$ | 3 × 1.5 | 3 × 1.5 | 3 x 2.5 |
| Inter-unit Cable (Includes earth) | | No.*$mm^2$ | 4 × 0.75 | 4 × 0.75 | 4 × 0.75 |
| Max. Piping Length / Elevation | | m | 15 / 10 | 15 / 10 | 40 / 30 |
| Power Supply | | Ø/V/Hz | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 | 1 / 220 ~ 240 / 50 |
| Running Current | Cooling / Heating | A | 3.42 / 3.87 | 5.02 / 5.03 | 7.1 / 7.1 |
| Air flow rate | | $m^3$/min | 50 | 50 | 50 |
| Additional Refrigerant Charge (Over 7.5m) | | g/m | 20 | 20 | 20 |

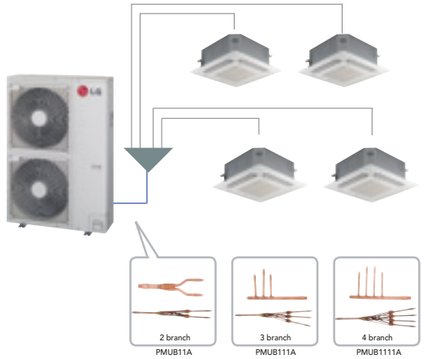
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB　　Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB　　- Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

# SYNCHRO OPERATION

It offers very useful solution for economic customer because it uses 2,3 or 4 indoor units with one outdoor unit. Each indoor units are running as one cycle with same mode(cooling or heating). It helps same air distribution all arround the middle or larger room(office or open places) even in irregualr shaped spaces.

## Synchro

- Simultaneously On/Off (1 Cycle)
- Connectable up to 4 indoor units
- Only using simple branch piping
- H-Inverter : 10.0/12.5/13.4 kW
- DC Inverter : 12.5/14.0/15.0 kW
- 3Phase DC Inverter : 12.5/14.0/15.0 kW




- High Efficiency & Low Noise
- Choice of various indoor type

- UU36WH
- UU42WH
- UU48WH

High Efficiency Inverter

## Specifications

| Indoor Unit | | | | |
|---|---|---|---|---|
| | | | UT12H/UT18H/UT21H/UT24H N*1 / UV12H/UV18H/UV21H/UV24H N*1<br>UB18H/UB21H/UB24H N*1 | |
| Nominal Capacity | Cooling | Kw | Synchro application(simultaneous operation).<br>Refer to each indoor unit specification<br>Bellow functions are not available for Synchro Operation<br>- Group Control, Zone Control, Dry Contact and Auto Changeover | |
| | | Btu/h | | |
| (Min~Rating~Max) | Heating | Kw | | |
| | | Btu/hr | | |
| Nominal Input | Cooling | Kw | | |
| (Min~Rating~Max) | Heating | Kw | | |
| E.E.R | | Kw/Kw | | |
| C.O.P | | Kw/Kw | | |
| Operational Temperature | Cooling | °C | -10~43 | |
| Range(Outdoor) | Heating | °C | -15~24 | |

## Outdoor Unit

| | | | UU36WH U31 | UU42WH U31 | UU48WH U31 |
|---|---|---|---|---|---|
| Nominal Capacity | Cooling | kW | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. * | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. * | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. * |
| (Min~Rated~Max) | Heating | Btu/h | | | |
| Norminal Input | Cooling | kW | | | |
| (Min~Rated~Max) | Heating | kW | | | |
| Running Current | Cooling/Heating | A | 11.5/11.3 | 16.8/15 | 18.7/18 |
| Power supply | | Ø/V/Hz | 1 / 220-240 / 50 | 1 / 220-240 / 50 | 1 / 220-240 / 50 |
| Dimensions | WxHxD | mm | 840x288x840 | 840x288x840 | 840x288x840 |
| Net Weight | Outdoor | kg | 103 | 950x25x950 | 950x25x950 |
| Refrigerant | Charge* | g | 3600 | 103 | 103 |
| Air flow rate | | m3/min | 55*2 | 55*2 | 55*2 |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 /53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| SVC Valve | Liquid | mm (inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm (inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |
| Max. Interunit | Total Piping(Main+Total Branch) | m | 80 | 80 | 80 |
| Piping Length | Main Piping | m | 45 | 45 | 45 |
| | Total Branch Piping | m | 40 | 40 | 40 |
| | Each Branch Piping | m | 15 | 15 | 15 |
| Max. Installation | Indoor Unit~Outdoor Unit | m | 30 | 30 | 30 |
| Height Difference | Indoor Unit~Indoor Unit | m | 1 | 1 | 1 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UU37WH
- UU43WH
- UU49WH

3Phase High Efficiency Inverter

## Specifications

| Indoor Unit | | | | |
|---|---|---|---|---|
| | | | UT12H/UT18H/UT21H/UT24H N*1 / UV12H/UV18H/UV21H/UV24H N*1<br>UB18H/UB21H/UB24H N*1 | |
| Nominal Capacity | Cooling | Kw | Synchro application(simultaneous operation).<br>Refer to each indoor unit specification<br>Bellow functions are not available for Synchro Operation<br>- Group Control, Zone Control, Dry Contact and Auto Changeover | |
| | | Btu/h | | |
| (Min~Rating~Max) | Heating | Kw | | |
| | | Btu/hr | | |
| Nominal Input | Cooling | Kw | | |
| (Min~Rating~Max) | Heating | Kw | | |
| E.E.R | | Kw/Kw | | |
| C.O.P | | Kw/Kw | | |
| Operational Temperature | Cooling | °C | -10~43 | |
| Range(Outdoor) | Heating | °C | -15~24 | |

## Outdoor Unit

| | | | UU37WH U31 | UU43WH U31 | UU49WH U31 |
|---|---|---|---|---|---|
| Nominal Capacity | Cooling | kW | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. * | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. * | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. * |
| (Min~Rated~Max) | Heating | Btu/h | | | |
| Norminal Input | Cooling | kW | | | |
| (Min~Rated~Max) | Heating | kW | | | |
| Running Current | Cooling/Heating | A | 4.2/4.1 | 6.0/5.7 | 6.7/6.5 |
| Power supply | | Ø/V/Hz | 3 / 380-415 / 50 | 3 / 380-415 / 50 | 3 / 380-415 / 50 |
| Dimensions | WxHxD | mm | 950x1380x330 | 950x1380x330 | 950x1380x330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Refrigerant | Charge* | g | 3600 | 3600 | 3600 |
| Air flow rate | | m3/min | 55*2 | 55*2 | 55*2 |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| | Night Operation | dB(A)±3 | 47 | 47 | 47 |
| SVC Valve | Liquid | mm (inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas | mm (inch) | 15.88(5/8) | 15.88(5/8) | 15.88(5/8) |
| Max. Interunit | Total Piping(Main+Total Branch) | m | 80 | 80 | 80 |
| Piping Length | Main Piping | m | 45 | 45 | 45 |
| | Total Branch Piping | m | 40 | 40 | 40 |
| | Each Branch Piping | m | 15 | 15 | 15 |
| Max. Installation | Indoor Unit~Outdoor Unit | m | 30 | 30 | 30 |
| Height Difference | Indoor Unit~Indoor Unit | m | 1 | 1 | 1 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

- UU42W
- UU48W
- UU60W

## Specifications

| Indoor Unit | | | UT12/UT18/UT24/UT30 N*D<br>UV18/UV24/UV30/UB18/UB24/UB30 N*D |
|---|---|---|---|
| Nominal Capacity | Cooling | Kw | Synchro application(simultaneous operation).<br>Refer to each indoor unit specification<br>Bellow functions are not available for Synchro Operation<br>- Group Control, Zone Control, Dry Contact and Auto Changeover |
| | | Btu/h | |
| (Min~Rating~Max) | Heating | Kw | |
| | | Btu/hr | |
| Nominal Input | Cooling | Kw | |
| (Min~Rating~Max) | Heating | Kw | |
| E.E.R | | Kw/Kw | |
| C.O.P | | Kw/Kw | |
| Operational Temperature Range(Outdoor) | Cooling | ℃ | -10 ~ 43 |
| | Heating | ℃ | -15 ~ 24 |

## Outdoor Unit

| | | | UU42W U3D | UU48W U3D | UU60W U3D |
|---|---|---|---|---|---|
| Nominal Capacity | Cooling | kW | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. " | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. " | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. " |
| (Min~Rated~Max) | Heating | Btu/h | | | |
| Norminal Input | Cooling | kW | | | |
| (Min~Rated~Max) | Heating | kW | | | |
| Running Current | Cooling/Heating | A | 17.7/16.7 | 20.5/20.5 | 24.7/23.5 |
| Power supply | | Ø/V/Hz | 1 / 220~240 / 50 | 1 / 220~240 / 50 | 1 / 220~240 / 50 |
| Dimensions | WxHxD | mm | 950×1380×330 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Refrigerant | Charge* | g | 3600 | 3600 | 3600 |
| Air flow rate | | m3/min | 55×2 | 55 X 2 | 55 X 2 |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| SVC Valve | Liquid | mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm (inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Max. Interunit Piping Length | Total Piping(Main+Total Branch) | m | 80 | 80 | 80 |
| | Main Piping | m | 40 | 40 | 40 |
| | Total Branch Piping | m | 40 | 40 | 40 |
| | Each Branch Piping | m | 10 | 10 | 10 |
| Max. Installation Height Difference | Indoor Unit~Outdoor Unit | m | 30 | 30 | 30 |
| | Indoor Unit~Indoor Unit | m | 1 | 1 | 1 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition



- UU43W
- UU49W
- UU61W

## Specifications

| Indoor Unit | | | UT12/UT18/UT24/UT30 N*D<br>UV18/UV24/UV30/UB18/UB24/UB30 N*D |
|---|---|---|---|
| Nominal Capacity | Cooling | Kw | Synchro application(simultaneous operation).<br>Refer to each indoor unit specification<br>Bellow functions are not available for Synchro Operation<br>- Group Control, Zone Control, Dry Contact and Auto Changeover |
| | | Btu/h | |
| (Min~Rating~Max) | Heating | Kw | |
| | | Btu/hr | |
| Nominal Input | Cooling | Kw | |
| (Min~Rating~Max) | Heating | Kw | |
| E.E.R | | Kw/Kw | |
| C.O.P | | Kw/Kw | |
| Operational Temperature Range(Outdoor) | Cooling | ℃ | -10~43 |
| | Heating | ℃ | -15~24 |

## Outdoor Unit

| | | | UU43W U3D | UU49W U3D | UU61W U3D |
|---|---|---|---|---|---|
| Nominal Capacity | Cooling | kW | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. " | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. " | *Synchro application<br>(simultaneous operation).<br>Refer to combination table. " |
| (Min~Rated~Max) | Heating | Btu/h | | | |
| Norminal Input | Cooling | kW | | | |
| (Min~Rated~Max) | Heating | kW | | | |
| Running Current | Cooling/Heating | A | 4.09/4.28 | 4.98/5.23 | 5.91/5.79 |
| Power supply | | Ø/V/Hz | 3 / 380~415 / 50 | 3 / 380~415 / 50 | 3 / 380~415 / 50 |
| Dimensions | WxHxD | mm | 950×1380×330 | 950×1380×330 | 950×1380×330 |
| Net Weight | Outdoor | kg | 103 | 103 | 103 |
| Refrigerant | Charge* | g | 3600 | 3600 | 3600 |
| Air flow rate | | m3/min | 55×2 | 55×2 | 55 X 2 |
| Noise Level | Cooling/Heating | dB(A)±3 | 51 / 53 | 51 / 53 | 51 / 53 |
| SVC Valve | Liquid | mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm (inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Max. Interunit Piping Length | Total Piping(Main+Total Branch) | m | 80 | 80 | 80 |
| | Main Piping | m | 40 | 40 | 40 |
| | Total Branch Piping | m | 40 | 40 | 40 |
| | Each Branch Piping | m | 10 | 10 | 10 |
| Max. Installation Height Difference | Indoor Unit~Outdoor Unit | m | 30 | 30 | 30 |
| | Indoor Unit~Indoor Unit | m | 1 | 1 | 1 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27℃ DB /19℃ WB Heating: - Indoor Temperature 20℃ DB / 15℃ WB
- Outdoor Temperature 35℃ DB /24℃ WB - Outdoor Temperature 7℃ DB / 6℃ WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

## Combination Table

| | | | Possible combination of indor units | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Installation scene | | | | | | | | |
| IDU : INDOOR UNIT<br>ODU : OUT DOOR INUT<br>BD : BRANCH DISTRIBUTOR UNIT<br>REMO : WIRED REMOTE CONTROLLER | | | Duo | | | Trio | | | Quartet | | |
| OUTDOOR UNITS | Capacity (kW) | | Cassette | Duct | Ceiling & Floor | Cassette | Duct | Ceiling & Floor | Cassette | Duct | Ceiling & Floor |
| | Cooling | Heating | | | | | | | | | |
| UU36WH U31 | 10.0 | 11.2 | UT18H NP1 *2 | UB18H NG1 *2 | UV18H NJ1 *2 | UT12H NP1 *3 | - | - | - | - | - |
| UU37WH U31 | | | UT18H NP1 *2 | UB18H NG1 *2 | UV18H NJ1 *2 | UT12H NP1 *3 | - | - | - | - | - |
| UU42WH U31 | 12.5 | 14.0 | UT21H NN1 *2 | UB21H NG1 *2 | UV21H NK1 *2 | UT18H NP1 *3 | UB18H NG1 *3 | UV18H NJ1 *3 | UT12H NP1 *4 | - | - |
| UU43WH U31 | | | UT21H NN1 *2 | UB21H NG1 *2 | UV21H NK1 *2 | UT18H NP1 *3 | UB18H NG1 *3 | UV18H NJ1 *3 | UT12H NP1 *4 | | |
| UU48WH U31 | 13.4 | 15.5 | UT24H NN1 *2 | UB24H NG1 *2 | UV24H NK1 *2 | UT18H NP1 *3 | UB18H NG1 *3 | UV18H NI1 *3 | UT12H NP1 *4 | - | - |
| UU49WH U31 | | | UT24H NN1 *2 | UB24H NG1 *2 | UV24H NK1 *2 | UT18H NP1 *3 | UB18H NG1 *3 | UV18H NI1 *3 | UT12H NP1 *4 | | |
| UU42W U3D | 12.5 | 14.0 | UT24 NPD *2 | UB24 NHD *2 | UV24 NBD *2 | UT18 NQD *3 | UB18 NHD *3 | UV18 NBD *3 | UT12H NRD *4 | - | - |
| UU43W U3D | | | | | | | | | | | |
| UU48W U3D | 14.0 | 16.0 | UT24 NPD *2 | UB24 NHD *2 | UV24 NBD *2 | UT18 NQD *3 | UB18 NHD *3 | UV18 NBD *3 | UT12H NRD *4 | - | - |
| UU49W U3D | | | | | | | | | | | |
| UU60W U3D | 15.0 | 17.0 | UT30 NPD *2 | UB30 NGD *2 | UV30 NBD*2 | UT18 NQD *3 | UB18 NHD *3 | UV18 NBD *3 | UT12H NRD *4 | - | - |
| UU61W U3D | | | | | | | | | | | |
| Applied Accessiries | Wired remote controller* | | * | | | * | | | | | |
| | BD unit | | PMUB11A | | | PMUB111A | | | PMUB1111A | | |
| | Simple central controller** | | PQCSB101S0 | | | | | | | | |
| | Function controller** | | PQCSC101S0 | | | | | | | | |

* When install ceiling and floor type synchro combinations, You must use wired remote controller " PVRCUSZ0" for DC inverter, Duct, Convertable(UV18~60) and PQRCVSL0QW for H inverter and the rest of them.
* In case of cassette or duct type synchro combinations, You can use only one wired remote controller included in the indoor units.
** When using synchro operation,
- Do not use wireless remote controller.
- Use only one wired remote controller in the indoor units.
- Use central controller and function controller "PQCSB101S0 & PQCSC101S0" only.

## Additional Refrigerant Charge

Plz refer to PDB or Installation manual

## Branch Pipe

| Model Outdoor | Indoor | Indoor Capacity Ratio(%) |
|---|---|---|
| PMUB11A | 2 units | 50:50 (1:1) |
| PMUB111A | 3 units | 33:33:33 (1:1:1) |
| PMUB1111A | 4 units | 25:25:25:25 (1:1:1:1) |

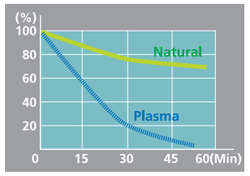


# FLOOR STANDING

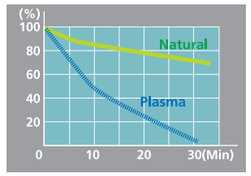
This is a floor standing type that blends in perfectly with the surrounding decoration. Clean and fresh air conditioning is ensured with a high level of cooling or heating performance and air purifying operation.

## PLASMA Air Purifying System

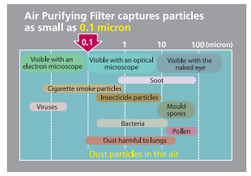
The PLASMA Air Purifying System within the air conditioner removes microscopic contaminants and dust to eliminate offensive odors and prevent allergic reactions. It can also be used as an air-purifying unit even though the air-cooling function is off.




Dust Reduction
Respirable particles from 5 cigarettes in a sealed room removed by LG Plasma Air Purifying System.



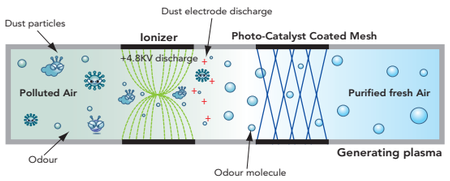

Deodorization
LG's Plasma unit effectively removes high concentration tobacco odors confirmed in Sensory tests of odor index carried out in Korea and Japan.




Anti-Allergy In clinical tests, the plasma unit has earned asatisfaction ratio of 82%. Evaluated by CSIRO Australia (DBCE Doc 98/204) Tested by Korean Food Research Institute and Japanese Environmental Centre and Yonsei Univ. College of Medicine. (Allergy Research Lab.)

## Anti-Bacteria Filter

It removes dust in the air as well as bacteria proliferation, making the indoor atmosphere healthy




## 4-Way Auto Swing (P03AH/P05AH)

Hot or cold air can be evenly distributed throughout the room as the auto swing function blows air in 4 directions.

## Touch Screen Panel


## Child Lock Function

This function prevents children or others from tampering with the control buttons on the unit. It is then controlled by the remote controller.
-All the buttons on indoor display panel will blocked.
-The unit will be controlled only by remote controller.

## Duct Operation (P08AH only)

Depending on the room size and shape, if the unit is installed in a Duct-type manner you are able to cool more air at the same time to save energy.

Set Type

# • P03AH
# • P05AH


P03AH P05AH

## Specifications

| Indoor Unit | | | P03AH NR1 | P05AH NT0 |
|---|---|---|---|---|
| Capacity | Cooling | Kw | 8.14 | 13.48 |
| | | Btu/h | 27,800 | 46,000 |
| | Heating | Kw | 8.14 | 14.06 |
| | | Btu/h | 27,800 | 48,000 |
| | Electric Heater | Kw | 2 | 4 |
| Input | Cooling | Kw | 2.8 | 5.3 |
| | Heating | Kw | 2.8 | 5 |
| | Electric Heater | Kw | 2 | 4 |
| Running Current | Cooling | A | 13 | 9.5 |
| | Heating | A | 13 | 9.0 |
| | Electric Heater | A | 8.7 | 18.2 |
| Power Supply | Indoor Only | Ø/V/Hz | 1 / 220-240 / 50 | 1 / 220-240 / 50 |
| | Electric Heater | Ø/V/Hz | 1 / 220-240 / 50 | 1 / 220-240 / 50 |
| EER | Cooling | Kw/Kw | 2.91 | 2.54 |
| COP | Heating | Kw/Kw | 2.91 | 2.81 |
| Annual energy consumption | Cooling | kWh | 1400 | 2650 |
| Operational Temperature | Cooling | °C | -5~+48 | -5~+48 |
| Range | Heating | °C | -10~+24 | -10~+24 |
| Air Flow Rate(H/M/L) | | $m^3$/min | 19/16/13 | 30/28/26 |
| Sound Level(H/M/L) | | dB(A)±3 | 50/45/40 | 53/51/48 |
| Dehumidification Rate | | l/h | 3.3 | 6.0 |
| Dimensions(WxHxD) | Body | mm | 570×1820×317 | 590×1,850×440 |
| Weight | Body | kg | 33 | 60 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 19.05 (3/4) |

| Outdoor Unit | | | P03AH UR1 | P05AH UT0 |
|---|---|---|---|---|
| Power Supply | | Ø/V/Hz | 1 / 220-240 / 50 | 3 / 380-415 / 50 |
| Refrigerant | Type | | R410A | R410A |
| Fan | Discharge | Side/Top | Side Dischagre | Side Dischagre |
| Air flow rate | | $m^3$/min | 58 | 104 |
| Noise Level(H/L) | | dB(A)±3 | 58 | 58 |
| Dimensions | WxHxD | mm | 870×800×320 | 900×1160×370 |
| Net Weight | Outdoor | kg | 63 | 90 |
| Circuit Breaker | | A | 30 | 30 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) | 9.52 (3/8) |
| | Gas | mm(inch) | 15.88 (5/8) | 19.05 (3/4) |
| Piping Length(Maximum) | | m | 30 | 40 |
| Interunit Level difference(Maximum) | | m | 20 | 25 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

Set Type

# • P08AH

P08AH

## Specifications

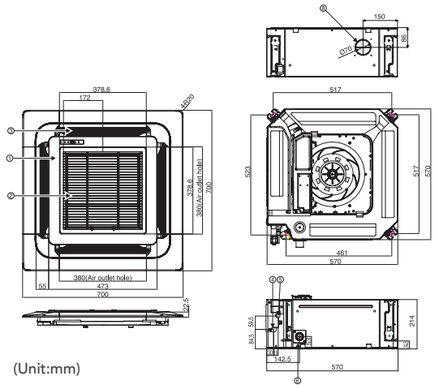
| Indoor Unit | | | P08AH NF1 |
|---|---|---|---|
| Capacity | Cooling | Kw | 20 |
| | | Btu/h | 68,200 |
| | Heating | Kw | 21.1 |
| | | Btu/h | 72,000 |
| | Electric Heater | Kw | 10 |
| Input | Cooling | Kw | 7 |
| | Heating | Kw | 6 |
| | Electric Heater | Kw | 10 |
| Running Current | Cooling | A | 11.1 |
| | Heating | A | 10.0 |
| | Electric Heater | A | 15.2 |
| Power Supply | Indoor Only | Ø/V/Hz | 1 / 220-240 / 50 |
| | Electric Heater | Ø/V/Hz | 3 / 380-415 / 50 |
| EER | Cooling | Kw/Kw | 2.86 |
| COP | Heating | Kw/Kw | 3.52 |
| Annual energy consumption | Cooling | kWh | 3500 |
| Operational Temperature | Cooling | °C | -5~+48 |
| Range | Heating | °C | -10~+24 |
| Air Flow Rate(H/M/L) | | $m^3$/min | 57/-/48 |
| Sound Level(H/M/L) | | dB(A)±3 | 62/-/59 |
| Dehumidification Rate | | l/h | 8.1 |
| Dimensions(WxHxD) | Body | mm | 1,050×1,880×495 |
| Weight | Body | kg | 132 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) |
| | Gas | mm(inch) | 19.05 (3/4) |

| Outdoor Unit | | | P08AH UF1 |
|---|---|---|---|
| Power Supply | | Ø/V/Hz | 3 / 380-415 / 50 |
| Refrigerant | Type | | R410A |
| Fan | Discharge | Side/Top | Side Dischagre |
| Air flow rate | | $m^3$/min | 135 |
| Noise Level(H/L) | | dB(A)±3 | 63 |
| Dimensions | WxHxD | mm | 950×1,380×330 |
| Net Weight | Outdoor | kg | 113 |
| Circuit Breaker | | A | 30 |
| Piping Connections | Liquid | mm(inch) | 9.52 (3/8) |
| | Gas | mm(inch) | 19.05 (3/4) |
| Piping Length(Maximum) | | m | 40 |
| Interunit Level difference(Maximum) | | m | 25 |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

# Dimensions _ Ceiling Cassette

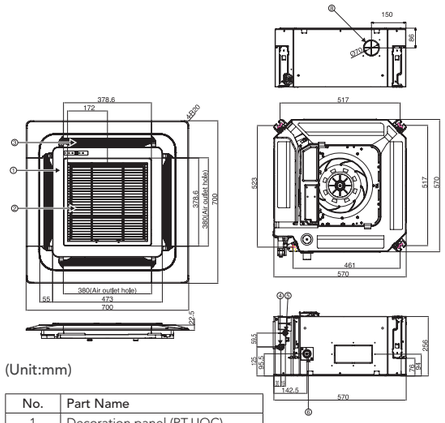
## •UT09 NRD
## •UT12 NRD




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Decoration panel (PT-UQC) |
| 2 | Air suction grille |
| 3 | Air discharge grille |
| 4 | Gas pipe connection |
| 5 | Liquid pipe connection |
| 6 | Drain pipe connection |
| 7 | Power supply connection |
| 8 | Fresh air connection (Ø70) |

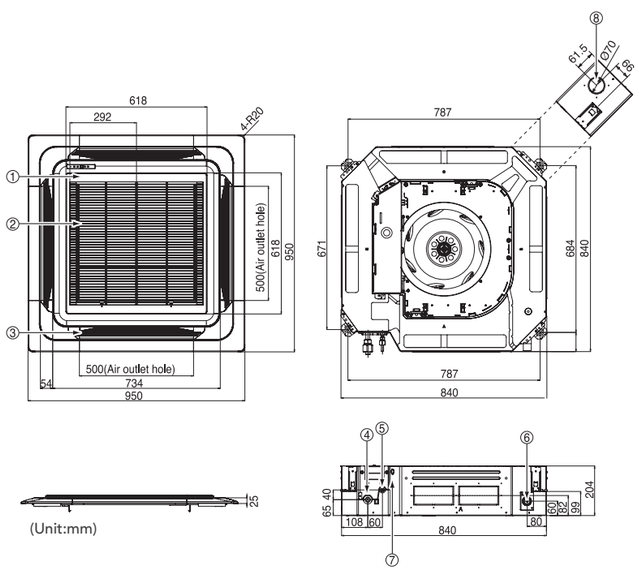
## •UT18 NQD




(Unit:mm)

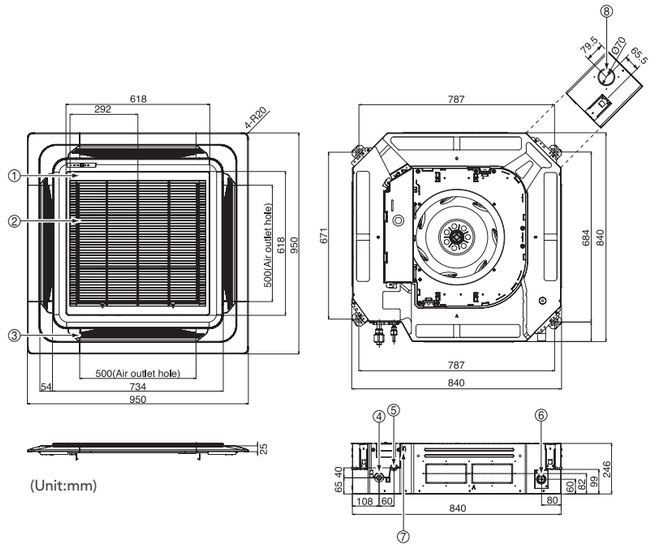
| No. | Part Name |
|---|---|
| 1 | Decoration panel (PT-UQC) |
| 2 | Air suction grille |
| 3 | Air discharge grille |
| 4 | Gas pipe connection |
| 5 | Liquid pipe connection |
| 6 | Drain pipe connection |
| 7 | Power supply connection |
| 8 | Fresh air connection (Ø70) |

## •UT24 NPD •UT12H NP1
## •UT30 NPD •UT18H NP1



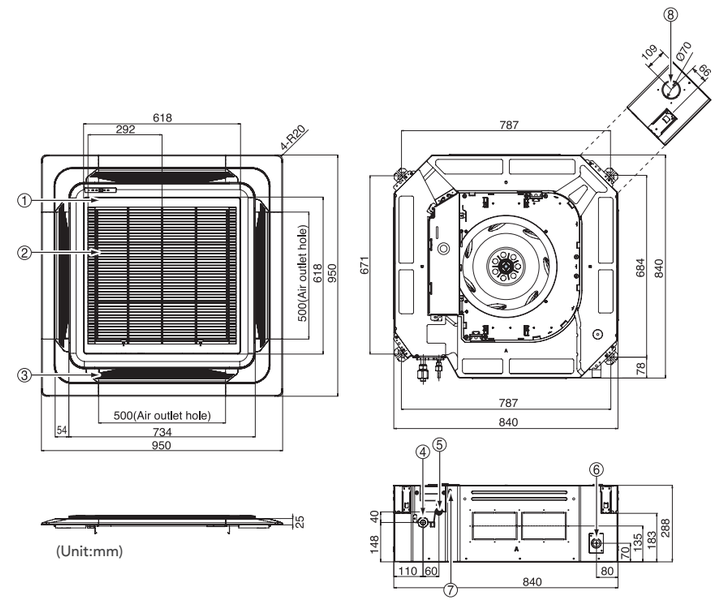

| No. | Part Name |
|---|---|
| 1 | Decoration panel (PT-UMC) |
| 2 | Air suction grille |
| 3 | Air discharge grille |
| 4 | Gas pipe connection |
| 5 | Liquid pipe connection |
| 6 | Drain pipe connection |
| 7 | Power supply connection |
| 8 | Fresh air connection (Ø70) |

## •UT36 NND •UT21H NN1 •UT24H NN1




| No. | Part Name |
|---|---|
| 1 | Decoration panel (PT-UMC) |
| 2 | Air suction grille |
| 3 | Air discharge grille |
| 4 | Gas pipe connection |
| 5 | Liquid pipe connection |
| 6 | Drain pipe connection |
| 7 | Power supply connection |
| 8 | Fresh air connection (Ø70) |

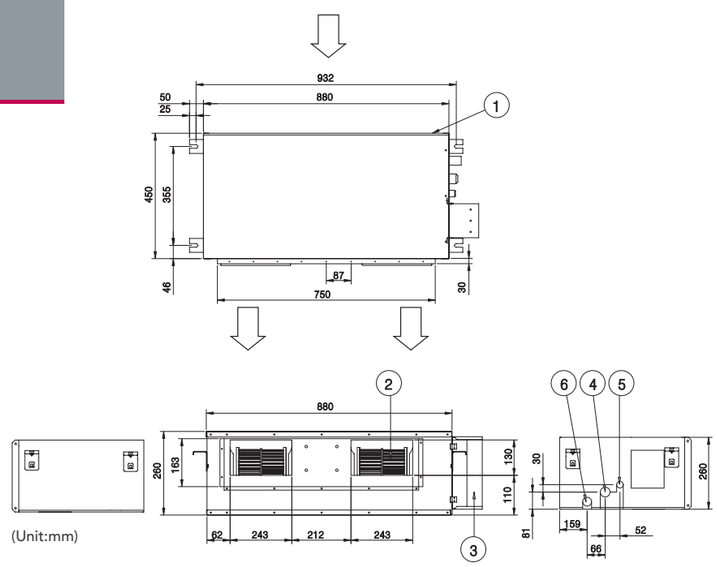
## •UT42 NMD •UT36H NM1
## •UT48 NMD •UT42H NM1
## •UT60 NMD •UT48H NM1




| No. | Part Name |
|---|---|
| 1 | Decoration panel (PT-UMC) |
| 2 | Air suction grille |
| 3 | Air discharge grille |
| 4 | Gas pipe connection |
| 5 | Liquid pipe connection |
| 6 | Drain pipe connection |
| 7 | Power supply connection |
| 8 | Fresh air connection (Ø70) |

# Dimensions _
# Ceiling Concealed Duct

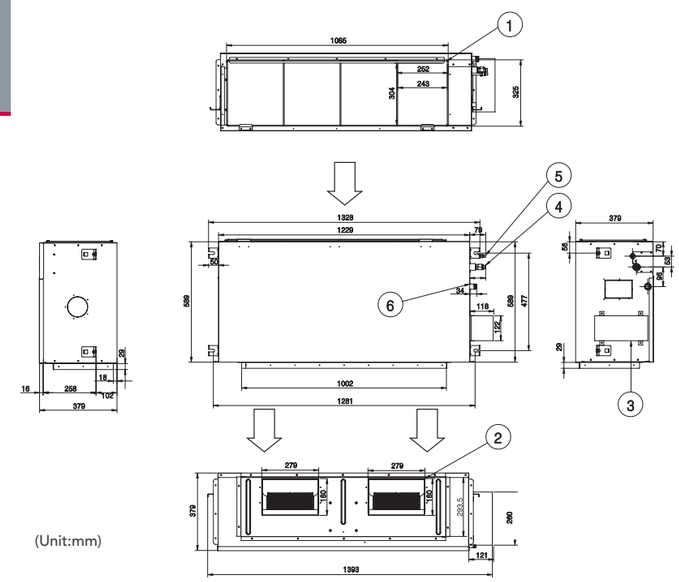
## •UB18 NHD
## •UB24 NHD




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air suction flange |
| 2 | Air discharge flange |
| 3 | Control box |
| 4 | Gas pipe connection |
| 5 | Luquid pipe connection |
| 6 | Drain pipe connection |

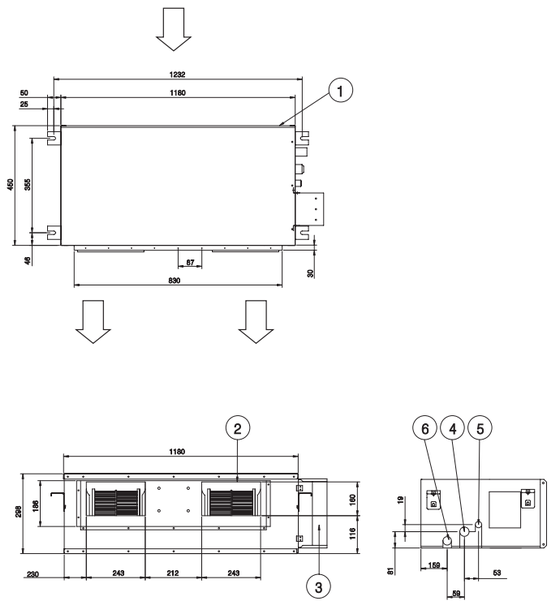
## •UB42 NRD •UB36H NR1
## •UB48 NRD •UB42H NR1
## •UB60 NRD •UB48H NR1




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air suction flange |
| 2 | Air discharge flange |
| 3 | Control box |
| 4 | Gas pipe connection |
| 5 | Luquid pipe connection |
| 6 | Drain pipe connection |

## •UB18H NG1
## •UB30 NGD •UB21H NG1
## •UB36 NGD •UB24H NG1

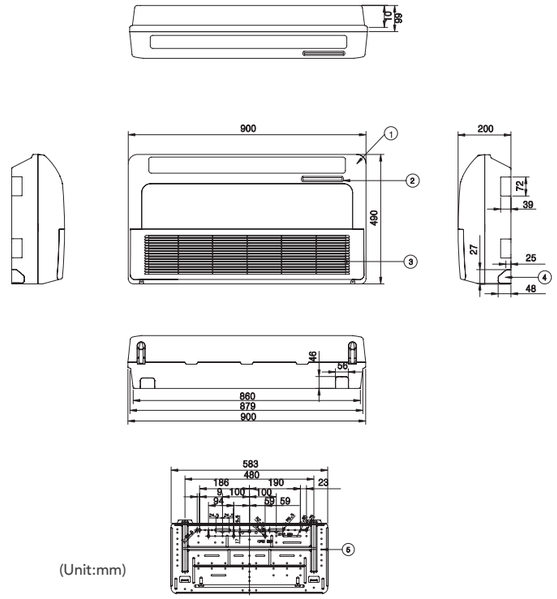



(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air suction flange |
| 2 | Air discharge flange |
| 3 | Control box |
| 4 | Gas pipe connection |
| 5 | Luquid pipe connection |
| 6 | Drain pipe connection |

# Dimensions _
# Ceiling & Floor Ceiling Suspended

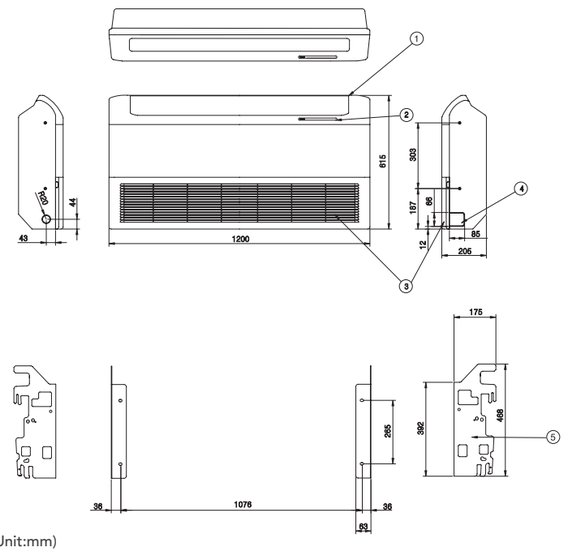
## •UV09 NED
## •UV12 NED




| No. | Part Name |
|---|---|
| 1 | Front air discharge grille |
| 2 | Display & Signal receiver |
| 3 | Air suction grille |
| 4 | Knockout hole |
| 5 | Installation plate |

(Unit:mm)

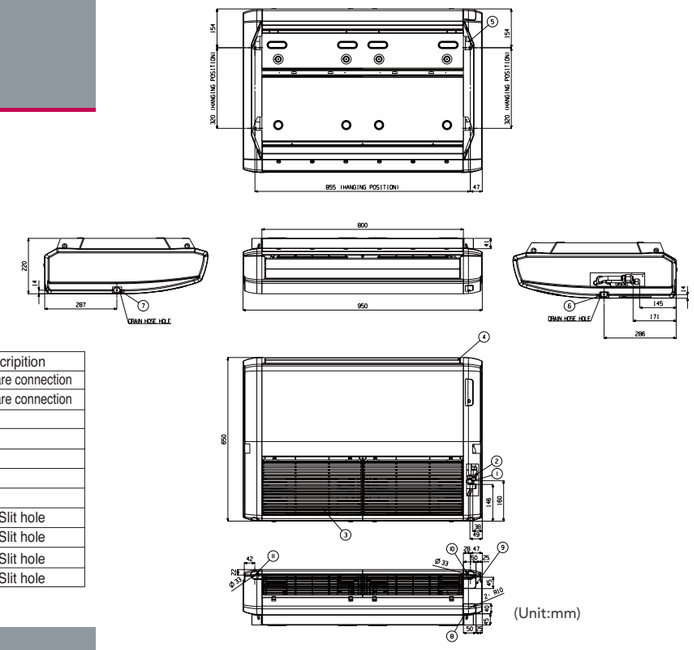
## •UV18 NBD
## •UV24 NBD
## •UV30 NBD




| No. | Part Name |
|---|---|
| 1 | Front air discharge grille |
| 2 | Display & Signal receiver |
| 3 | Air suction grille |
| 4 | Knockout hole |
| 5 | Installation plate |

(Unit:mm)

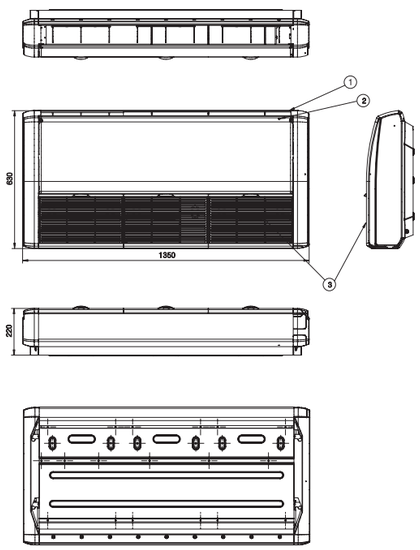
## •UV12H NJ1
## •UV18H NJ1




| Number | Name | Descripition |
|---|---|---|
| 1 | Liquid pipe | ø6.35 Flare connection |
| 2 | Gas pipe | ø12.7 Flare connection |
| 3 | Suction gille | |
| 4 | Discharge grille | |
| 5 | Suspension bracket | |
| 6 | Right side drain hose hole | |
| 7 | Left side drain hose hole | |
| 8 | Wiring connection | Slit hole |
| 9 | Piping connection | Slit hole |
| 10 | Right side drain pipe connection | Slit hole |
| 11 | Left side drain pipe connection | Slit hole |

(Unit:mm)

## •UV36 NKD
## •UV21H NK1
## •UV24H NK1

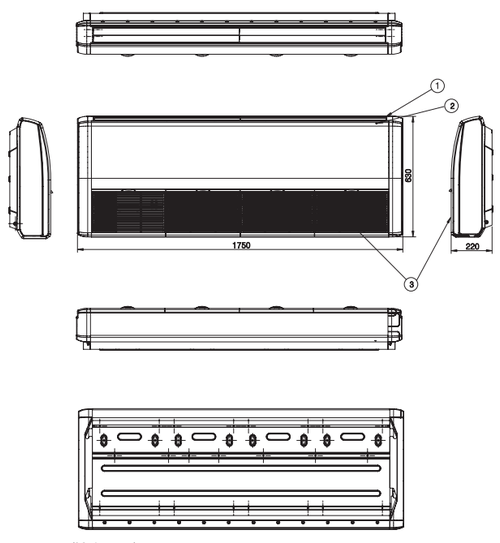



| No. | Part Name |
|---|---|
| 1 | Front air discharge grille |
| 2 | Display & Signal receiver |
| 3 | Air suction grille |

(Unit:mm)

# Dimensions _ Ceiling & Floor Ceiling Suspended

- UV42 NLD
- UV48 NLD
- UV60 NLD
- UV36H NL1
- UV42H NL1
- UV48H NL1

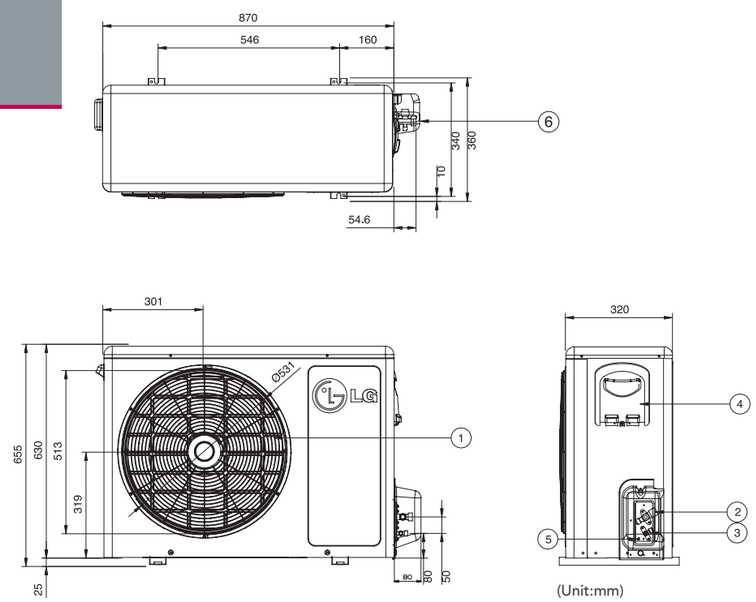



(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Front air discharge grille |
| 2 | Display & Signal receiver |
| 3 | Air suction grille |

# Dimensions _ Universal Outdoor

- UU12WH UE1

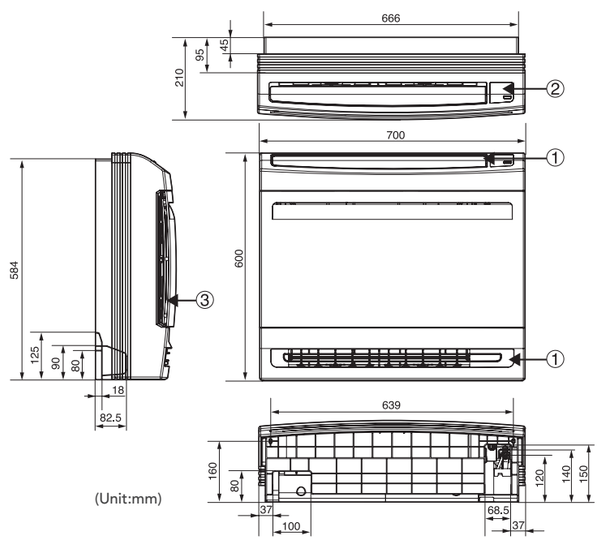



(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

# Dimensions _ Console

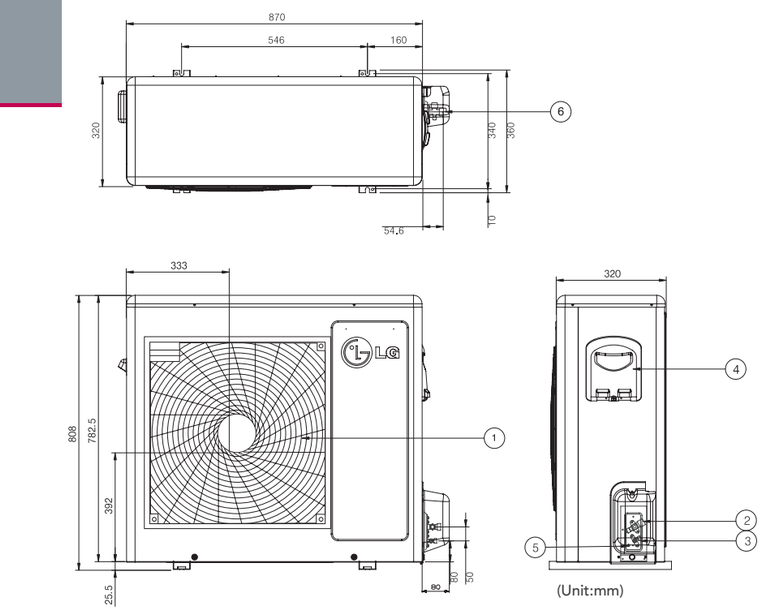
- CQ09 NA0
- CQ12 NA0
- CQ18 NA0




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Front air discharge grille |
| 2 | Display & Signal receiver |
| 3 | Air suction grille |

- UU18WH NE1

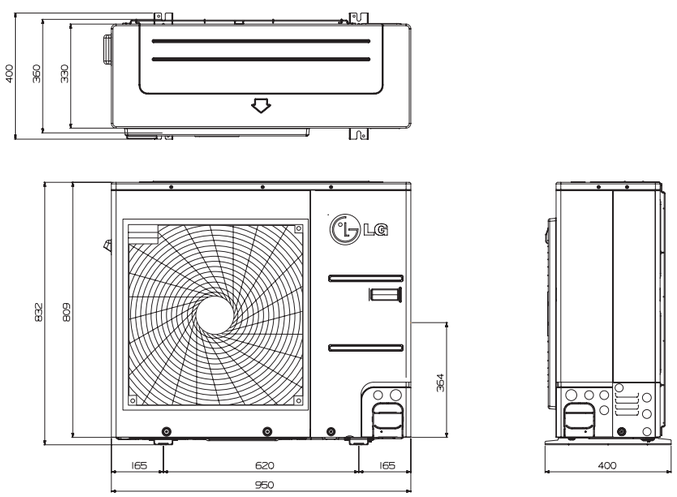



(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

# Dimensions _ Universal Outdoor

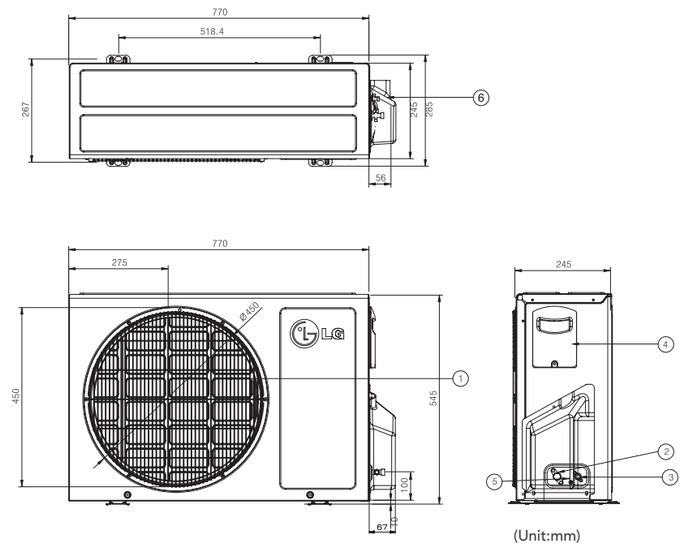
## •UU21WH U41
## •UU24WH U41




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |

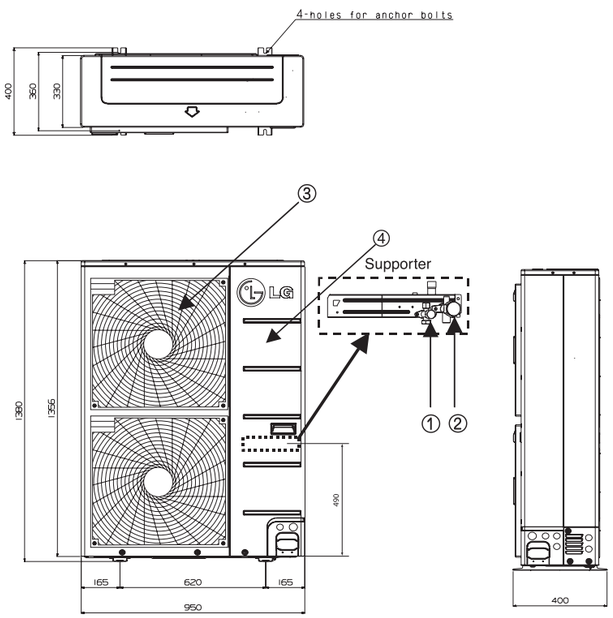
## •UU09W ULD
## •UU12W ULD




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

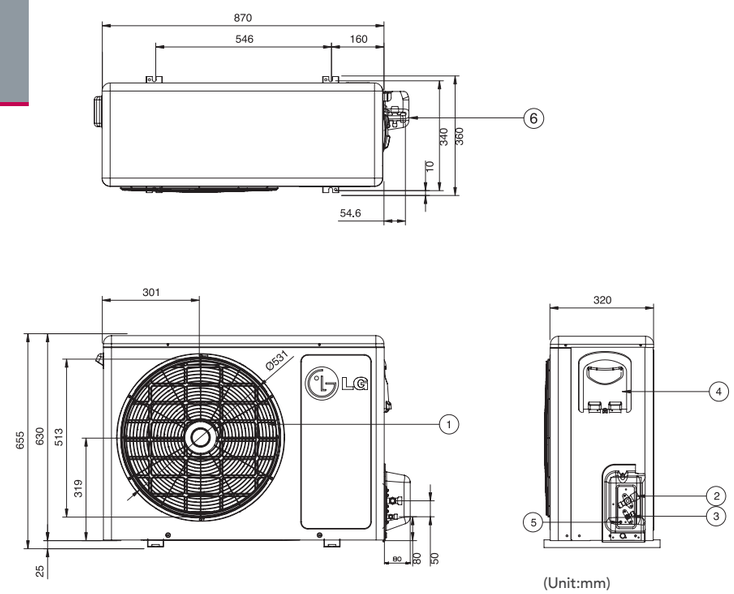
## •UU36WH U31 •UU37WH U31
## •UU42WH U31 •UU43WH U31
## •UU48WH U31 •UU49WH U31




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |

## •UU18W UED1

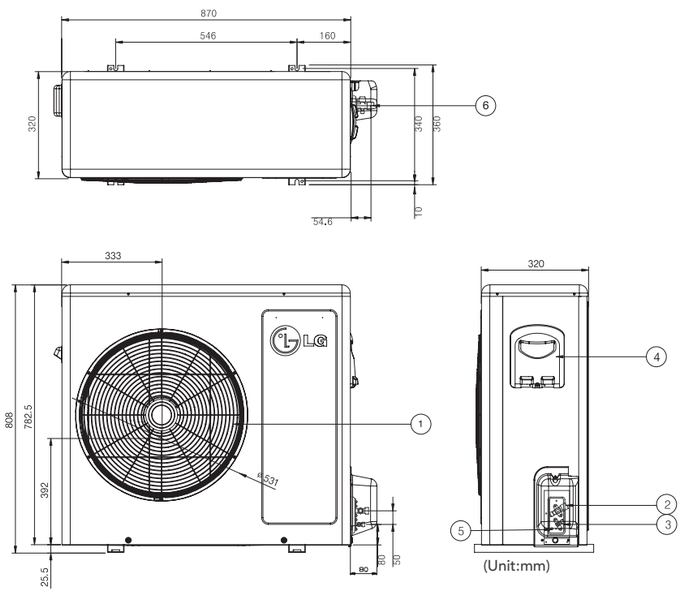



(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

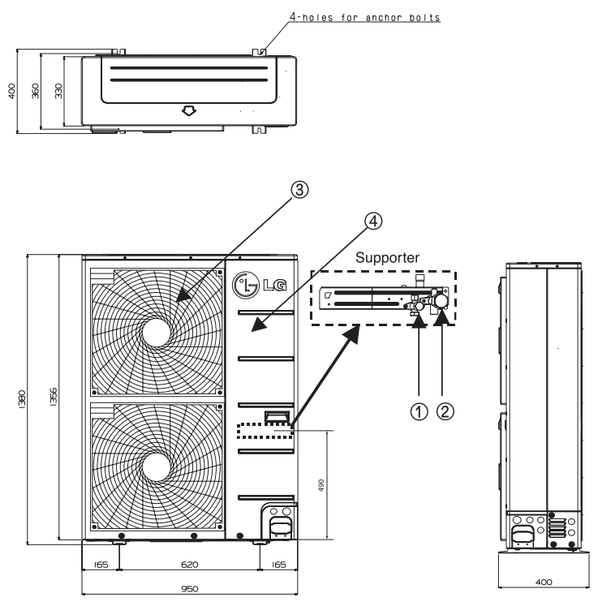
# Dimensions _ Universal Outdoor

## •UU24W UED
## •UU30W UED



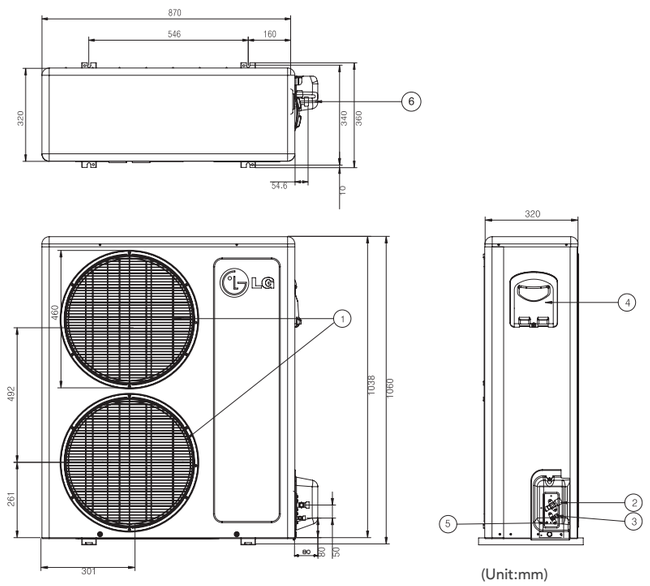

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

## •UU42W U3D •UU43W U3D
## •UU48W U3D •UU49W U3D
## •UU60W U3D •UU61W U3D



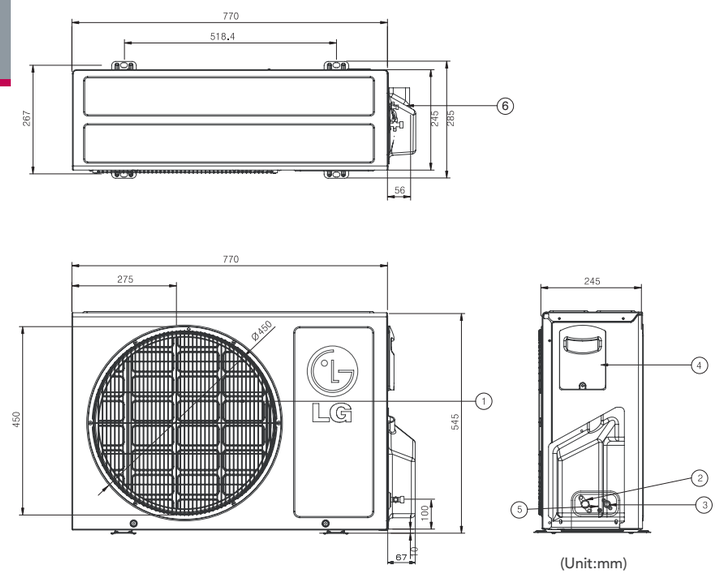

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |

## •UU36W UED
## •UU37W UED




| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

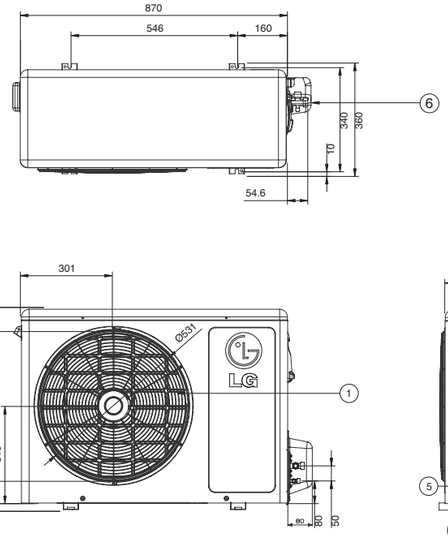
## •UU12 ULD




| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

# Dimensions _ Universal Outdoor

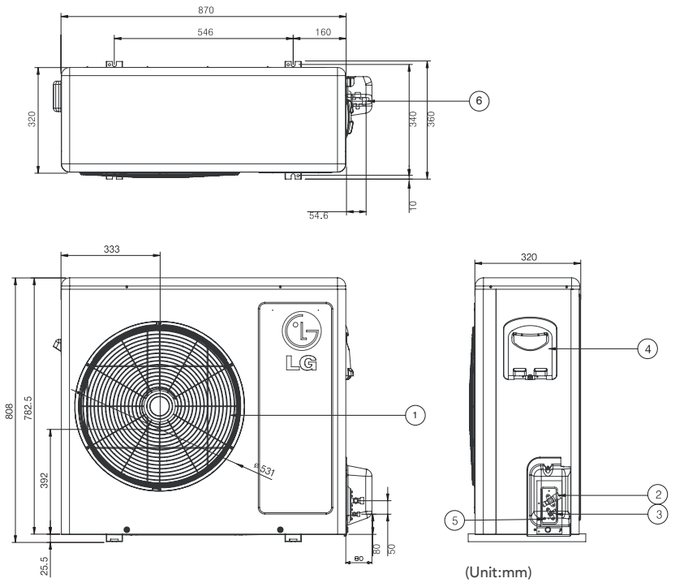
## •UU18 UED




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

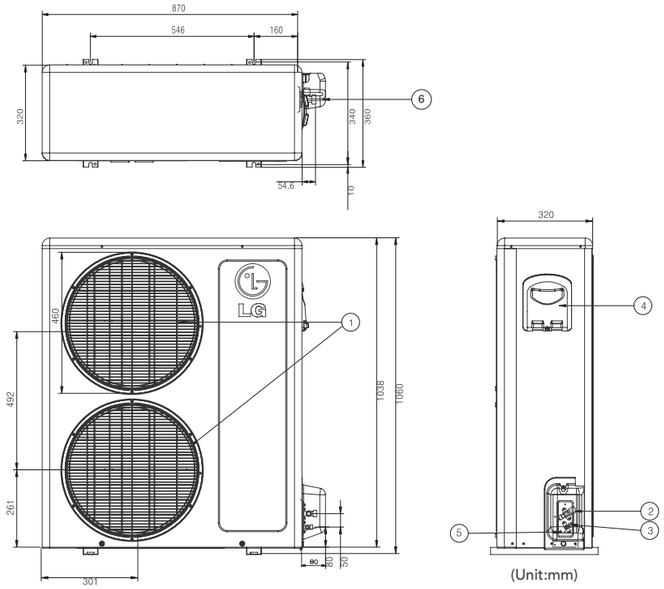
## •UU24 UED
## •UU30 UED




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

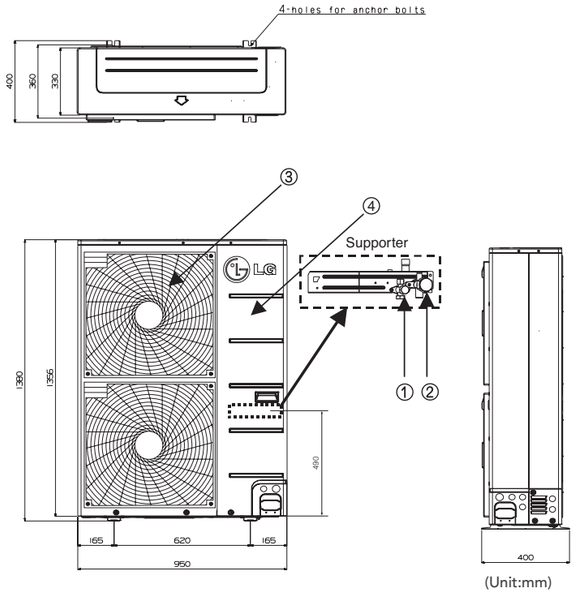
## •UU37 UED




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air discharge grille |
| 2 | Gas pipe connection |
| 3 | Liquid pipe connection |
| 4 | Power & Transmission connection |
| 5 | Earth screw |
| 6 | SVC valve cover |

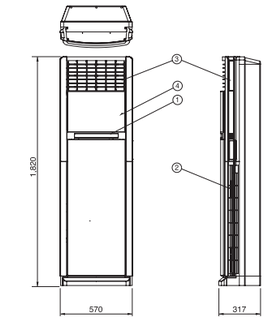
## •UU48 U3D
## •UU60 U3D




(Unit:mm)

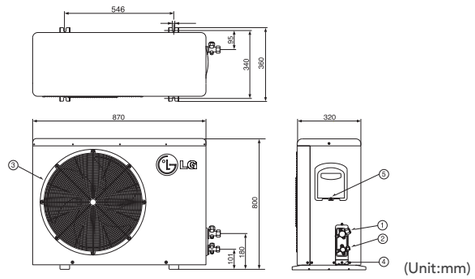
# Dimensions _ Floor Standing

## • P03AH NR1
## • P03AH UR1




(Unit:mm)

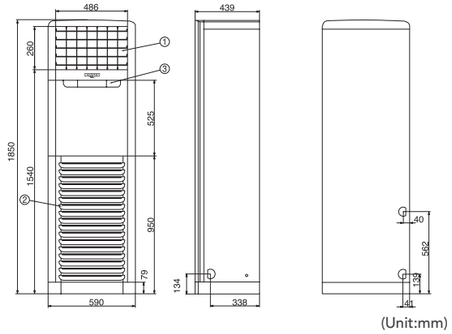
| No. | Part Name |
|---|---|
| 1 | Control Display |
| 2 | Air outlet vent |
| 3 | Air inlet vent |
| 4 | Sliding Clean Door |




(Unit:mm)

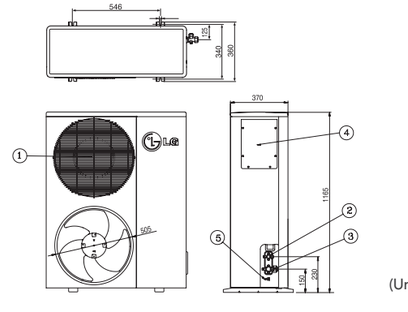
| No. | Part Name |
|---|---|
| 1 | Gas side Service valve (Ø15.88) |
| 2 | Liquid side Service valve (Ø9.52) |
| 3 | Fan cover |
| 4 | Earth screw |
| 5 | Connecting cable hole |

## • P05AH NT0
## • P05AH UT0




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air outlet vent |
| 2 | Air inlet vent |
| 3 | Control display |

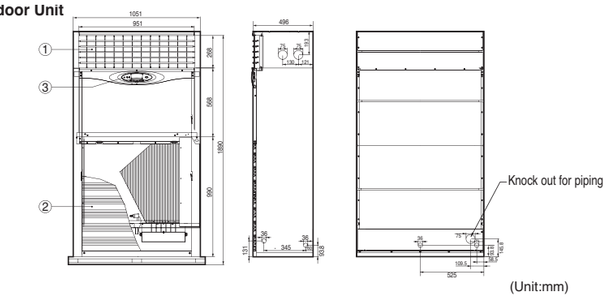



(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air Outlet Vent |
| 2 | Liquid side Service valve (Ø9.52) |
| 3 | Gas side Service valve (Ø19.05) |
| 4 | Control Box |
| 5 | Earth screw |

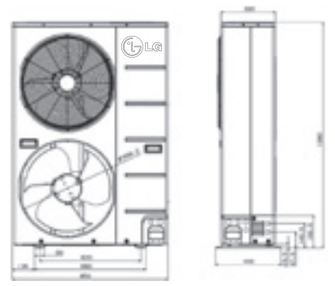
## • P08AH NF1
## • P08AH UF1

**1) Indoor Unit**




(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Air outlet vent |
| 2 | Air inlet vent |
| 3 | Control Display |



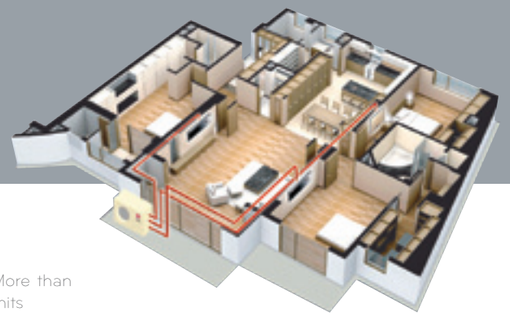
(Unit:mm)

| No. | Part Name |
|---|---|
| 1 | Gas side Service valve (Ø19.05) |
| 2 | Liquid side Service valve (Ø9.52) |
| 3 | Fan cover |
| 4 | Control panel |
| 5 | Connecting cable hole |

# MULTI

Your life comes more quiet, economical and powerful with LG air conditioning high technology.

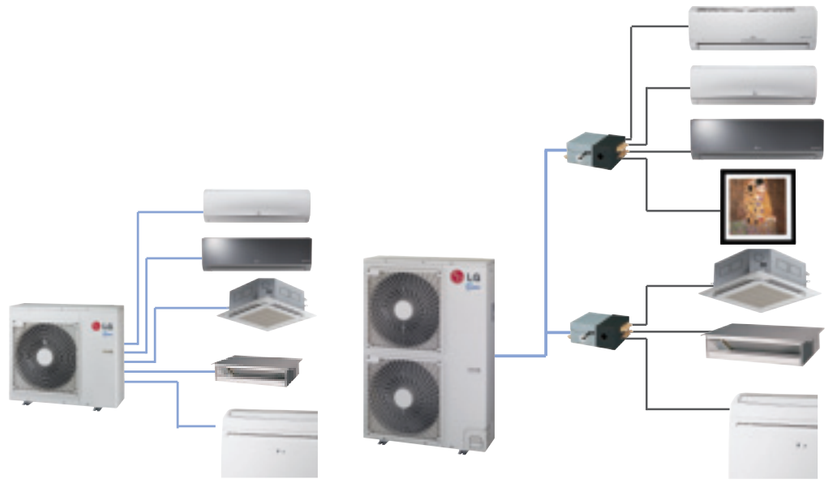
# Multi Split



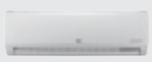
## Wide Range

LG Multi systems provide various indoor units and outdoor units up to 16.4kW. More than 2,000 types of combinations are available using 14 outdoor units and 44 indoor units

| Tyte / Category | Multi Piping | | | | DB Box Type | | | |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| Model | MU2M15 UL1<br>MU2M17 UL0 | MU3M19 UE0<br>MU3M21 UE0<br>MU4M25 UE0 | MU4M27 U40<br>MU5M30 U40 | MU5M40 UH0 | FM40AH UH5 | FM48AH U33<br>FM56AH U33 | FM37AH UE0 | FM41AH U33<br>FM49AH U33<br>FM57AH U33 |
| Capacity KW(C/H) | 4.1 / 4.7<br>4.7 / 5.3 | 5.3 / 6.3<br>6.2 / 7.0<br>7.0 / 8.4 | 7.9 / 9.1<br>8.8 / 10.1 | 11.7 / 13.5 | 11.7 / 13.5 | 15.5 / 16.4<br>16.7 / 17.9 | 9.7 / 11.1 | 13.5 / 14.1<br>15.5 / 16.4<br>16.7 / 17.9 |
| Max. Indoor units | 2<br>2 | 3<br>3<br>4 | 4<br>5 | 5 | 7 | 8<br>9 | 6 | 7<br>8<br>9 |
| Phase | 1ø | 1ø | 1ø | 1ø | 1ø | 1ø | 3ø | 3ø |



## Free Combination with Various Indoor Types

| Product / Capacity Range (kBtu/kW) | Wall Mounted Type | | | | Ceiling Cassette Type | | Ceiling Concealed Duct Type | | Console | Ceiling & Floor Type |
|---|---|---|---|---|---|---|---|---|---|---|
| | NOVA | HERO | ART COOL Inverter | ART COOL Gallery | 1-way | 4-way | Slim Duct | High | | |
| |  |  |  |  |  |  |  |  |  |  |
| 5/1.5 | | CS05AF NH0 ● | | | | MT06AH NR0 ● | | | | |
| 7/2.1 | E07SQ NB0 ● | CS07AF NH0 ● | CA07AW* NB0 ● | | | MT08AH NR0 ● | | | | |
| 9/2.6 | E09SQ NB0 ● | CS09AF NH0 ● | CA09AW* NB0 ● | MA09AH1 NF1 ● | MT09AH NC1 ● | MT10AH NR0 ● | MB09AHL N12 ● | | CQ09 NA0 ● | MV09AH NE0 ● |
| 12/3.5 | E12SQ NB0 ● | CS12AF NH0 ● | CA12AW* NB0 ● | MA12AH1 NF1 ● | MT11AH NC1 ● | MT12AH NR0 ● | MB12AHL N12 ● | | CQ12 NA0 ● | MV12AH NE0 ● |
| 18/5.3 | E18SQ NC0 ● | | CA18AW* NC0 ● | | | MT18AH NQ0 ● | MB18AHL N22 ● | MB18AH NH0 ● | CQ18 NA0 ● | MV18AH NB0 ● |
| 24/7.0 | E24SQ NC0 ● | | CA24AW* NC0 ● | | | MT24AH NP0 ● | MB24AHL N22 ● | MB24AH NH0 ● | | MV24AH NB0 ● |

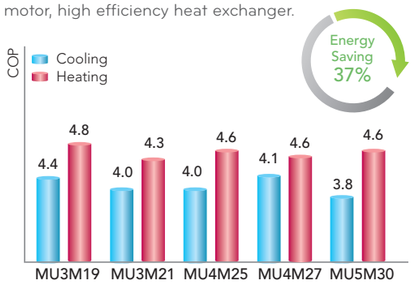
ART COOL Inverter Note : *indicates color of panel
Mirror(R),Silver(V), White(W)
ART COOL Panel Note : *indicates color of panel
Silver(V) Red(E) Gold(G) White Silver(H),Gallery(1)

# High Efficiency Multi

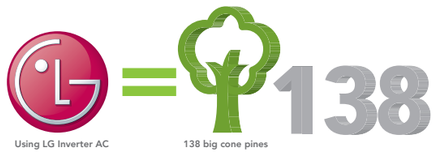
## High COP & Energy Saving

### Top Class Energy Efficiency

In 2010, LG Inv. Multi New Model has Top class Energy Efficiency Model using LG BLDC Compressor, BLDC motor, high efficiency heat exchanger.




**Using LG Inverter AC is same as planting 138 big cone pines.**

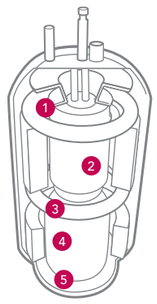



1) KFRI(Korea Forest Research Institute) calculated based on annual power save.
   (Assumption : Using AC 4hr/day, 365days)
2) Energy saving 37% was compared with LG Non-inverter model

### Powerful BLDC Compressor

The LG inverter air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. Its compressor thus has improved efficiency compared with the AC inverter.

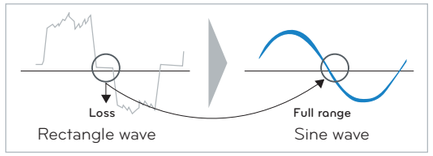
1. Minimized Oil circulation
2. High Efficiency Motor
3. Optimize Compression Eff.
4. Optimize Vibration, Noise
5. High Reliability



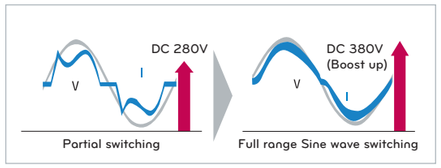

### DC Inverter Technology

With the advancement of inverter technology comes more silent, economical and powerful air conditioning systems. The LG air conditioner is manufactured using the PFC and the sine wave technology.

Step-up Inverter by the PFC & the Sine Wave Control Technology (PFC : Power Factor Correction)compared to conventional.



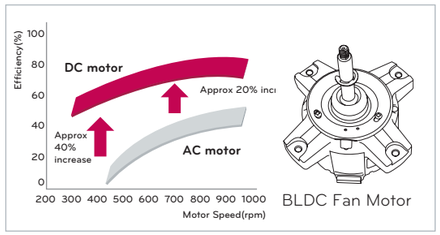

• Sine wave Control in BLDC Compressor




• PFC Control in Power Input

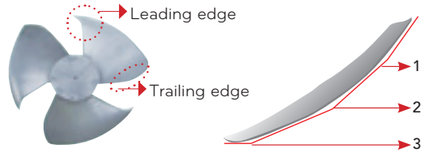
### BLDC Fan Technology

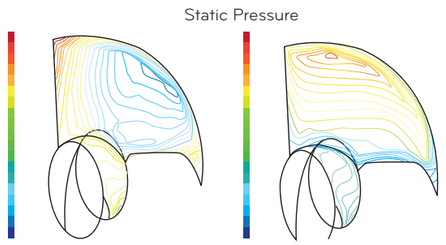
BLDC Fan motor offers additional energy saving in operating mode. Compared with AC motors, BLDC Fan motor can cut energy by 35% at full velocity.




### Axial Fan

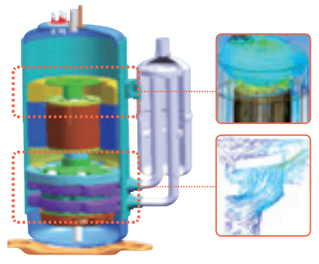
3 Step Axial fan shape can be available of high-effident & low noise



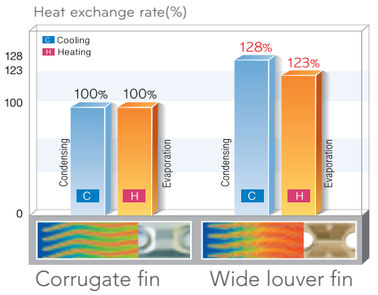

### Prevent Oil Discharge at High Hz !

For keeping Oil level in high Hz , Improved Oil circulation system So.
LG inv. Multi can have high reliability system

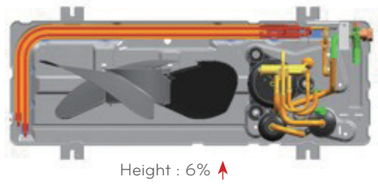



### Wide Louver tech

•Improved heat exchange rate by max 28%
•Anti-corrosion treatment (Gold fin)



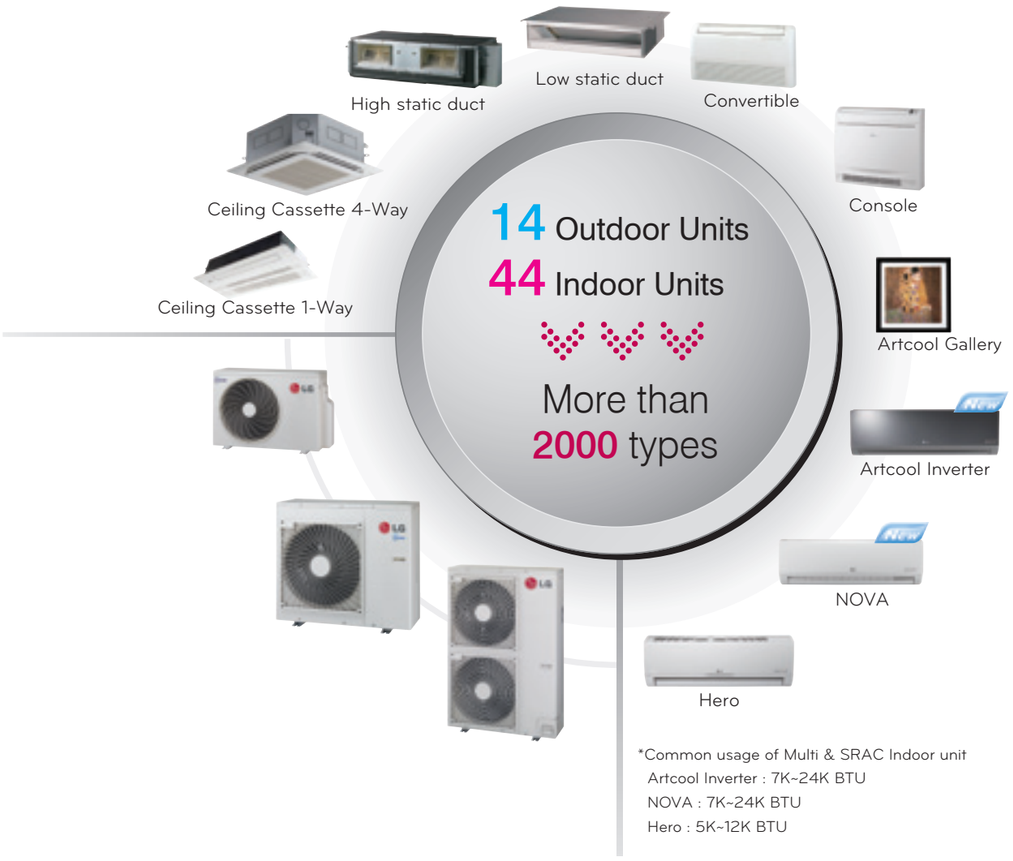

### More Heat exchanger



# High Efficiency Multi

## Comfort Application

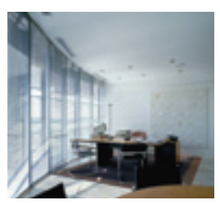
### The Variety of Various Combination

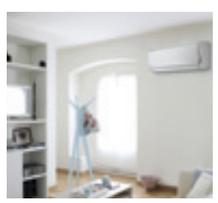


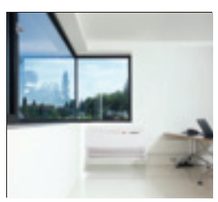

*Common usage of Multi & SRAC Indoor unit
Artcool Inverter : 7K~24K BTU
NOVA : 7K~24K BTU
Hero : 5K~12K BTU

### For Reference Sites


Restaurant


Office

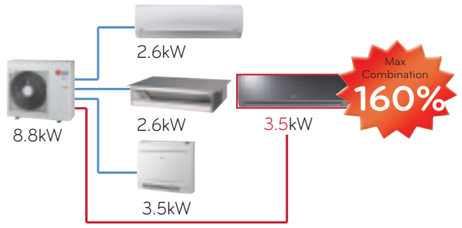

House

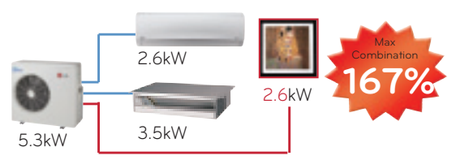

Building

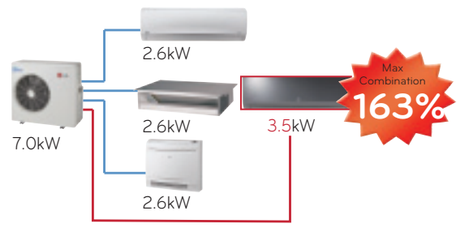
### Available from 1.5kW

According to construction regulation, house wall is becoming thicker & to strenghten insulation, LG can provide right solution to small space.


### Indoor Capacity Combination

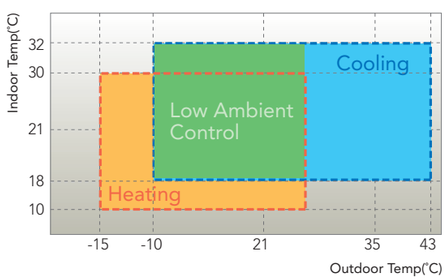



### Wide Operating Range

When cooling computer rooms and other rooms in the event of low outdoor temperature, the BLDC inverter compressor and outdoor BLDC fan motor are used to adjust the air flow and volume, with a view to ensuring efficient operation by allowing the air conditioner to keep operating at -10°C without turning it off.



# High Efficiency Multi

## Long & High Elevation Piping

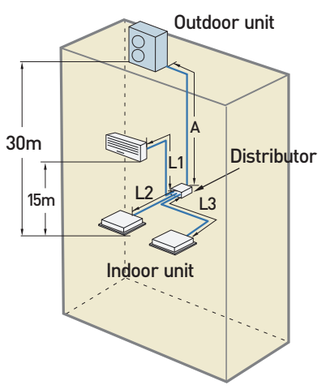
The FM56AH supports a piping length of up to 145m and high elevation of up to 30m for more flexibility in installation

*Multi Piping Type

| Piping Length (m) | 17k | 19k/ 21k | 25k/ 27k | 30k | 40k |
|---|---|---|---|---|---|
| Total | 30 | 50 | 70 | 75 | 85 |
| Max / Room | 20 | 25 | 25 | 25 | 25 |
| Allowable Elevation (Indoor-Outdoor) | 15 | 15 | 15 | 15 | 15 |
| (Indoor-Indoor | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |

*Distributor Box Type

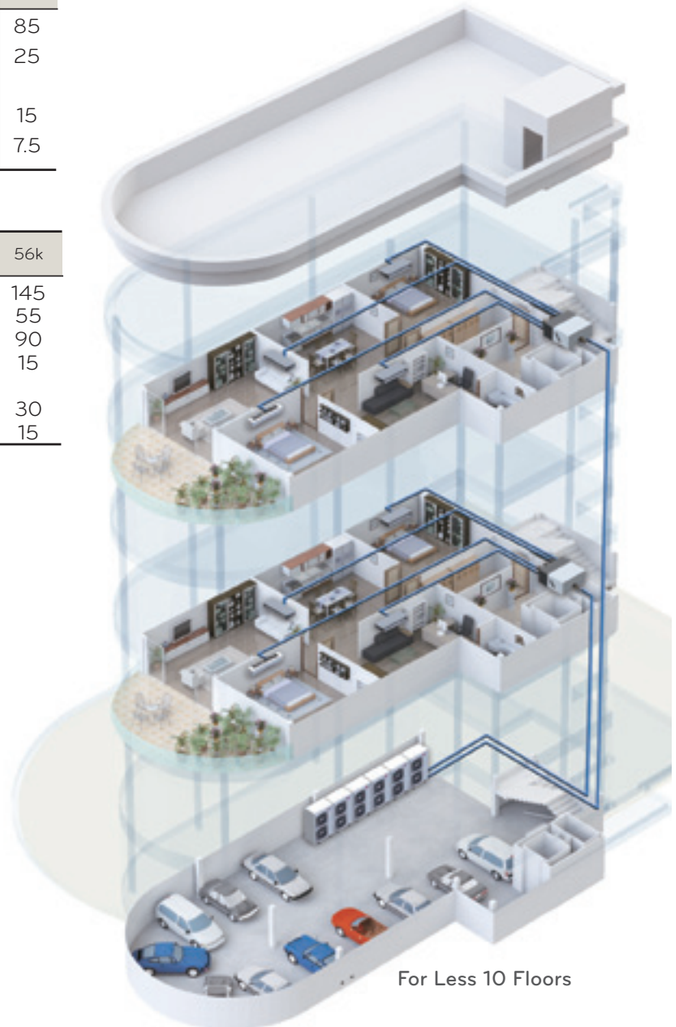
| Piping Length(m) | 40k | 48k | 56k |
|---|---|---|---|
| Total Pipe (A+L1+L2+L3) | 100 | 135 | 145 |
| Main Pipe (A) | 50 | 55 | 55 |
| Total Branch Pipe (L1+L2+L3) | 50 | 80 | 90 |
| Each Branch Pipe Allowable Elevation | 15 | 15 | 15 |
| Indoor-Outdoor (B) | 30 | 30 | 30 |
| Indoor-Indoor (C) | 15 | 15 | 15 |




## Max 145m pipe run / 30m Elevation

Remove outdoor unit From Balcony and Move to car parking lot or Roof.

- Beauty care center
- Easy to get approval from council
- Avoid safety issue (Baby fall down from balcony)

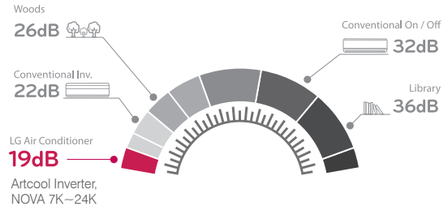


For Less 10 Floors

# Comfort Operation & Ez installation

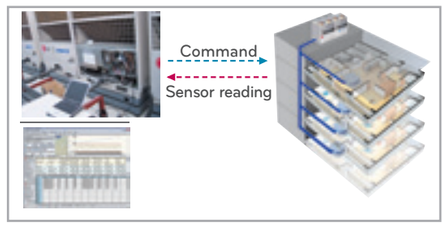
## Improved Low Noise

The Inverter technology, the BLDC Motor technology, and LG's unique new Skew Fan technology have achieved the world's lowest noise level of 19dB. Thus, the Sleep mode will allow pleasant sleeping.

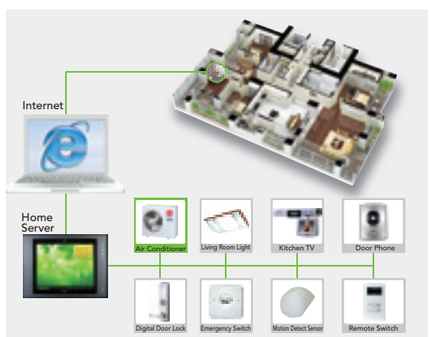



## LG MV

- Easy start-up, easy trouble shooting
- Monitoring the normality of all parts such as compressor, fan, valve, etc




## Available to link with home network




## Smart phone Solution for Operation monitoring & Trouble shooting

Smart phone connection

When faults have occurred, you can see the Error code during the check of indoor and outdoor units, select the Error code, and find solutions to each problem through Q&A. It is like the trouble shooting guide book embedded in the smart phone.


Wired | Bluetooth Module

Operation Monitoring

- Select communication method and language
- Check the installation status
- Compressor operation status
- Check the indoor unit status
- Operational status in line with the frequency

Troubleshooting on Smart phone

1. Select Error Code
2. Easy Process
3. Service Action

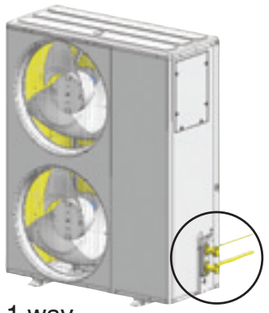
# High Efficiency Multi

## Easy to Service

Easy & efficient installation of outdoor unit will provide the best solution for small offices and shops.

1. Inner SVC valve

- 4 Way piping is possible (Front, Rear, Right, Down)
- Excellent exterior

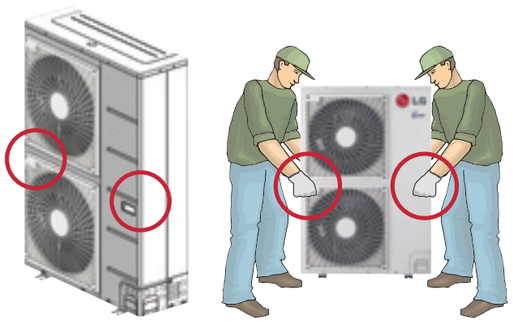


1 way

4 way

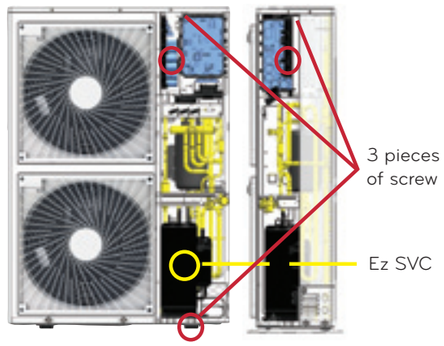
2. Convenient moving handle

- Fitted hand grips for easy transportation and installation



3. Compact Design & Ez SVC

- Remove 3 pieces of screw for SVC
- Front panel removal system

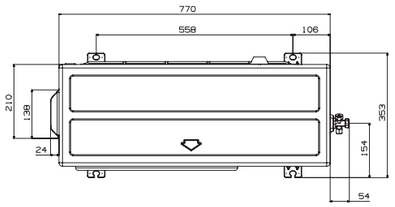


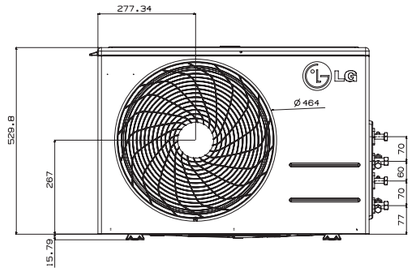


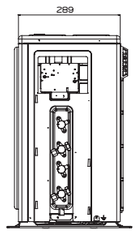

# OUTDOOR UNIT

MULTI Inverter units composed of serially arranged refrigerant pipes connected to a single outdoor unit are an efficient system that offers outstanding energy saving, simple and easy installation, and connection to different types of indoor units, making it easy to design and install.

- MU2M15 UL1
- MU2M17 UL0




(Unit:mm)

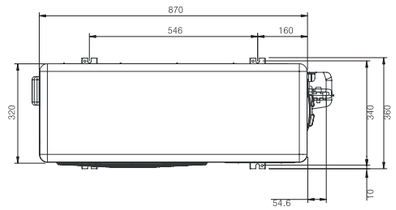
| Model | | | MU2M15 UL1 | MU2M17 UL0 |
|---|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 4,600~14,000~16,000 | 4,600~16,000~17,500 |
| | | kW | 1.35~4.10~4.69 | 1.35~4.69~5.13 |
| | Heating | Btu/h | 4,800~16,000~18,000 | 4,800~18,000~19,500 |
| | | kW | 1.41~4.70~5.27 | 1.41~5.27~5.71 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 0.38~1.07~1.70 | 0.4~1.38~1.83 |
| | Heating | kW | 0.45~1.12~1.80 | 0.39~1.31~1.73 |
| Energy label | | | A/A | A/A |
| Testing Combination | | | CS07AQ NB0 × 2EA | CS09AQ NB0 × 2EA |
| Running Current (Min~Rated~Max) | Cooling | A | 1.6~4.09~7.6 | 1.6~6.13~8.04 |
| | Heating | A | 1.7~5.1~8.2 | 1.7~5.88~7.51 |
| Power Supply | | Ø / V / Hz | 1 / 220~240 / 50 | 1 / 220~240 / 50 |
| Dimensions | W*H*D | mm | 770×545×288 | 770×545×288 |
| Net Weight | | kg | 39 | 40 |
| Max. Number of Connectable Indoor Units | | | 2 | 2 |
| Refrigerant | Charge (at 7.5m) | g | 1300 | 1300 |
| Air Flow Rate | | m³/min | 28.2 | 28.2 |
| Sound Level | | dB(A)+3 | 50 | 50 |
| Piping connections | Liquid(ø) | mm(inch) | 6.35(1/4)×2EA | 6.35(1/4)×2EA |
| | Gas(ø) | mm(inch) | 9.52(3/8)×2EA | 9.52(3/8)×2EA |
| Circuit breaker | | A | 15 | 15 |
| Power Supply Cable | | No.×mm² | 3×2.5(including earth) | 3×2.5(including earth) |
| Max. Interunit Piping Length | Total of Each Room | m | 30 | 30 |
| | For One Room | m | 20 | 20 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 15 | 15 |
| | Indoor Unit~Indoor Unit | m | 7.5 | 7.5 |

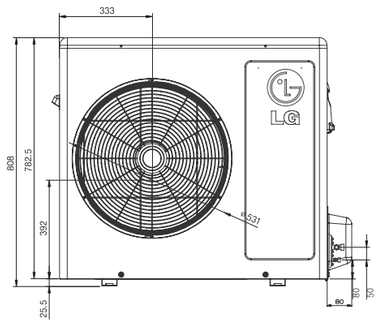
Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C (80.6°F) DB /19°C (66.2°F) WB
   - Outdoor Temperature 35°C (95°F) DB /24°C (75.2°F) WB
   Heating: - Indoor Temperature 20°C (68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m
   - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.





- MU3M19 UE0
- MU3M21 UE0
- MU4M25 UE0



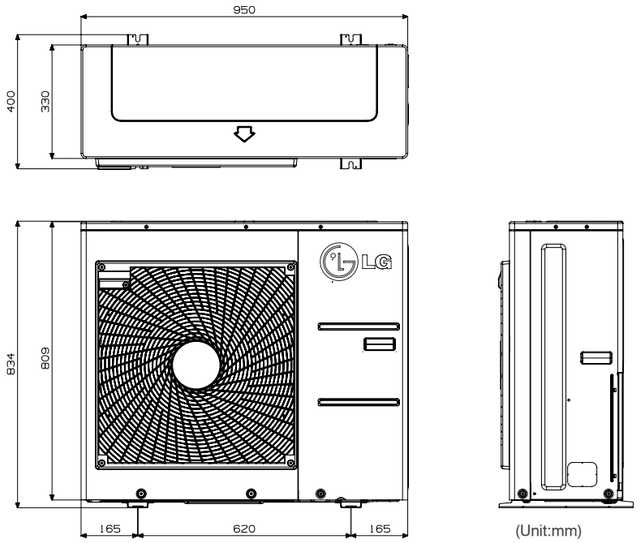




(Unit:mm)

| Model | | | MU3M19 UE0 | MU3M21 UE0 | MU4M25 UE0 |
|---|---|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 4,600~18,000~21,600 | 6,300~21,000~25,000 | 6,300~24,000~29,000 |
| | | kW | 1.35~5.3~6.33 | 1.85~6.15~7.33 | 1.85~7.03~8.5 |
| | Heating | Btu/h | 4,800~21,600~24,800 | 7,560~24,000~26,500 | 7,560~28,000~32,000 |
| | | kW | 1.41~6.3~7.27 | 2.22~7.03~7.77 | 2.22~8.44~9.38 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 0.38~1.20~2.37 | 0.72~1.53~2.94 | 0.72~1.75~3.09 |
| | Heating | kW | 0.45~1.31~2.48 | 0.88~1.63~2.95 | 0.88~1.83~3.10 |
| Energy label | | | A/A | A/A | A/A |
| Testing Combination | | | CS07AQ NB0 × 3EA | CS07AQ NB0 × 3EA | CS07AQ NB0 × 4EA |
| Running Current (Min~Rated~Max) | Cooling | A | 1.7~5.23~10.3 | 3.1~6.65~12.7 | 3.1~7.65~13.4 |
| | Heating | A | 2.0~5.7~10.8 | 3.8-7.1-12.8 | 3.8~8.0~13.5 |
| Power Supply | | Ø / V / Hz | 1 / 220~240 / 50 | 1 / 220~240 / 50 | 1 / 220~240 / 50 |
| Dimensions | W*H*D | mm | 870×808×320 | 870×808×320 | 870×808×320 |
| Net Weight | | kg | 58 | 61 | 61 |
| Max. Number of Connectable Indoor Units | | | 3 | 3 | 4 |
| Refrigerant | Charge (at 7.5m) | g | 2100 | 2300 | 2300 |
| Air Flow Rate | | m³/min | 53 | 53 | 53 |
| Sound Level | | dB(A)+3 | 52 | 52 | 52 |
| Piping connections | Liquid(ø) | mm(inch) | 6.35(1/4)×3EA | 6.35(1/4)×3EA | 6.35(1/4)×4EA |
| | Gas(ø) | mm(inch) | 9.52(3/8)×3EA | 9.52(3/8)×3EA | 9.52(3/8)×4EA |
| Circuit breaker | | A | 20 | 20 | 25 |
| Power Supply Cable | | No.×mm² | 3×2.5(including earth) | 3×2.5(including earth) | 3×2.5(including earth) |
| Max. Interunit Piping Length | Total of Each Room | m | 50 | 50 | 70 |
| | For One Room | m | 25 | 25 | 25 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 15 | 15 | 15 |
| | Indoor Unit~Indoor Unit | m | 7.5 | 7.5 | 7.5 |

Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C (80.6°F) DB /19°C (66.2°F) WB
   - Outdoor Temperature 35°C (95°F) DB /24°C (75.2°F) WB
   Heating: - Indoor Temperature 20°C (68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m
   - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.

- MU4M27 U40
- MU5M30 U40





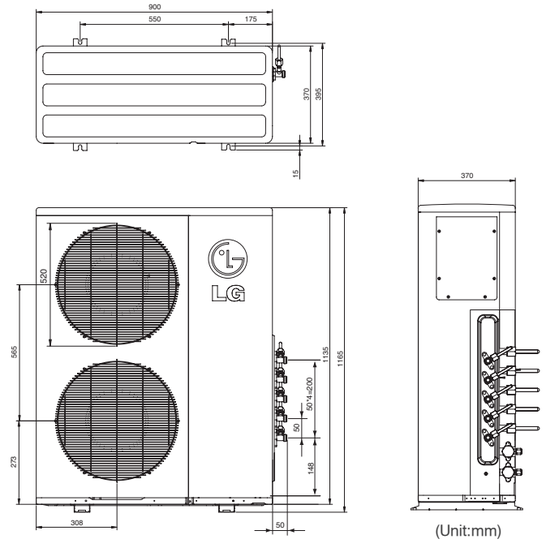

(Unit:mm)

| Model | | | MU4M27 U40 | MU5M30 U40 |
|---|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 6,300~27,000~32,400 | 6,300~30,000~36,000 |
| | | kW | 1.85~7.91~9.49 | 1.85~8.80~10.55 |
| | Heating | Btu/h | 7,560~31,000~36,000 | 7,560~34,500~41,400 |
| | | kW | 2.22~9.08~10.55 | 2.22~10.1~12.1 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 0.72~1.98~3.12 | 0.72~2.31~3.16 |
| | Heating | kW | 0.88~1.97~3.68 | 0.88~2.19~3.87 |
| Energy label | | | A/A | A/A |
| Testing Combination | | | CS07AQ NB0 × 4EA | CS07AQ NB0 × 5EA |
| Running Current (Min~Rated~Max) | Cooling | A | 3.1~8.6~13.5 | 3.1~10.1~13.7 |
| | Heating | A | 3.8~9.0~16.0 | 3.8~9.6~16.8 |
| Power Supply | | Ø / V / Hz | 1/220~240/50 | 1/220~240/50 |
| Dimensions | W*H*D | mm | 950×834×330 | 950×834×330 |
| Net Weight | | kg | 67 | 67 |
| Max. Number of Connectable Indoor Units | | | 4 | 5 |
| Refrigerant | Charge (at 7.5m) | g | 3,300 | 3,300 |
| Air Flow Rate | | $m^3$/min | 60 | 60 |
| Sound Level | | dB(A)+3 | 53 | 53 |
| Piping connections | Liquid(ø) | mm(inch) | 6.35(1/4)×4EA | 6.35(1/4)×5EA |
| | Gas(ø) | mm(inch) | 9.52(3/8)×4EA | 9.52(3/8)×5EA |
| Circuit breaker | | A | 25 | 25 |
| Power Supply Cable | | No.×$mm^2$ | 3×2.5(including earth) | 3×2.5(including earth) |
| Max. Interunit Piping Length | Total of Each Room | m | 70 | 75 |
| | For One Room | m | 25 | 25 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 15 | 15 |
| | Indoor Unit~Indoor Unit | m | 7.5 | 7.5 |

Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C (80.6°F) DB /19°C (66.2°F) WB
   - Outdoor Temperature 35°C (95°F) DB /24°C (75.2°F) WB
   Heating: - Indoor Temperature 20°C (68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m
   - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.



- MU5M40 UH0

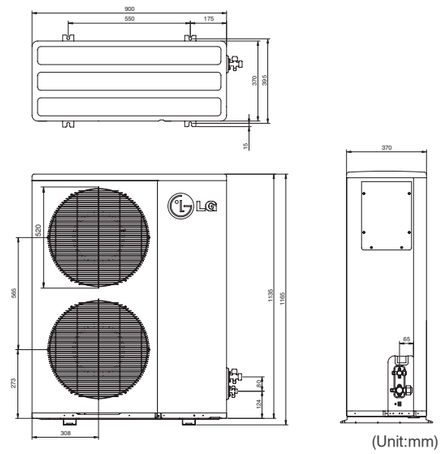



(Unit:mm)

| Model | | | MU5M40 UH0 |
|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 9,600~40,000~46,000 |
| | | kW | 2.8~11.7~13.5 |
| | Heating | Btu/h | 11,040~46,000~51,000 |
| | | kW | 3.2~13.5~15.0 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 1.1~3.63~4.65 |
| | Heating | kW | 1.4~3.65~4.84 |
| Energy label | | | A/A |
| Testing Combination | | | CS09AQ NB0 x 5EA |
| Running Current (Min~Rated~Max) | Cooling | A | 6.2~16.0~20.0 |
| | Heating | A | 6.9~16.4~20.5 |
| Power Supply | | Ø / V / Hz | 1/220~240/50 |
| Dimensions | W*H*D | mm | 900×1165×370 |
| Net Weight | | kg | 95 |
| Max. Number of Connectable Indoor Units | | | 5 |
| Refrigerant | Charge (at 7.5m) | g | 4,000 |
| Air Flow Rate | | $m^3$/min | 53×2 |
| Sound Level | | dB(A)+3 | 58 |
| Piping connections | Liquid(ø) | mm(inch) | 6.35(1/4)×5EA |
| | Gas(ø) | mm(inch) | 9.52(3/8)×5EA |
| Circuit breaker | | A | 30 |
| Power Supply Cable | | No.×$mm^2$ | 3×3.5(including earth) |
| Max. Interunit Piping Length | Total of Each Room | m | 85 |
| | For One Room | m | 25 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 15 |
| | Indoor Unit~Indoor Unit | m | 7.5 |

Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C (80.6°F) DB /19°C (66.2°F) WB
   - Outdoor Temperature 35°C (95°F) DB /24°C (75.2°F) WB
   Heating: - Indoor Temperature 20°C (68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m
   - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.

## • FM40AH UH5



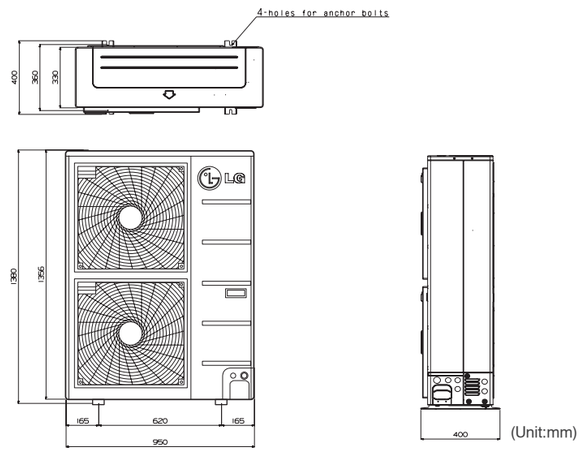

| Model | | | FM40AH UH5 |
|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 9,600~40,000~46,000 |
| | | kW | 2.8~11.7~13.5 |
| | Heating | Btu/h | 11,040~46,000~51,000 |
| | | kW | 3.2~13.5~15.0 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 1.1~3.63~4.65 |
| | Heating | kW | 1.4~3.65~4.84 |
| Energy label | | | A/A |
| Testing Combination | | | CS09AH NB0 × 7EA |
| Running Current (Min~Rated~Max) | Cooling | A | 6.2~16.0~20.0 |
| | Heating | A | 6.9~16.4~20.5 |
| Power Supply | | Ø / V / Hz | 1/220~240/50 |
| Dimensions | W*H*D | mm | 900×1165×370 |
| Net Weight | | kg | 95 |
| Max. Number of Connectable Indoor Units | | | 7 |
| Refrigerant | Charge (at 7.5m) | g | 4,400 |
| Air Flow Rate | | $m^3$/min | 53 × 2 |
| Sound Level | | dB(A)+3 | 58 |
| Piping connections | Liquid(ø) | mm(inch) | 9.52(3/8) |
| | Gas(ø) | mm(inch) | 19.05(3/4) |
| Circuit breaker | | A | 30 |
| Power Supply Cable | | No.×$mm^2$ | 3×3.5(including earth) |
| Max. Interunit Piping Length | Total Piping (Main+Total Branch) | m | 100 |
| | Main Piping | m | 50 |
| | Total Branch Piping | m | 50 |
| | Each Branch Piping | m | 15 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 30 |
| | Indoor Unit~Indoor Unit | m | 15 |

Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
   - Outdoor Temperature 35°C(95°F) DB /24°C(75.2°F) WB
   Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
   Piping Length - Main piping 5m, Branch piping 5m
   - Level Difference of Zero.
2. * : See page "Combination Table"
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.





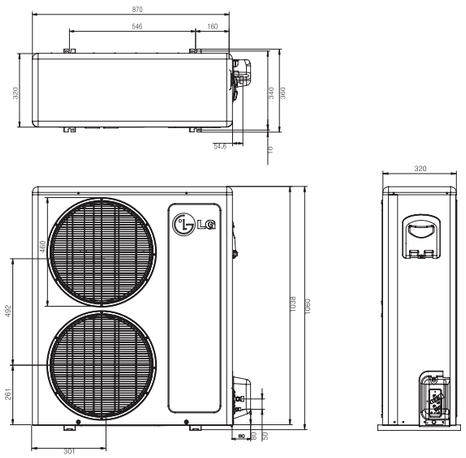
## • FM48AH U33
## • FM56AH U33




| Model | | | FM48AH U33 | FM56AH U33 |
|---|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 11,400~52,800~58,000 | 13,800~57,000~63,200 |
| | | kW | 3.3~15.5~17.0 | 4.0~16.7~18.52 |
| | Heating | Btu/h | 12,768~56,000~59,000 | 15,456~61,000~64,000 |
| | | kW | 3.7~16.4~17.29 | 4.5~17.9~18.75 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 0.84~4.69~5.35 | 1.0~4.96~5.65 |
| | Heating | kW | 1.30~4.43~5.58 | 1.25~4.62~5.70 |
| Energy label | | | A/A | A/A |
| Testing Combination | | | CS07AQ NB0 x 5EA + CS09AQ NB0 x 3EA | CS09AQ NB0 x 8EA |
| Running Current (Min~Rated~Max) | Cooling | A | 3.9~21.1~23.2 | 4.6~21.7~24.0 |
| | Heating | A | 6.9~22.6~25.0 | 7.4~22.4~26.0 |
| Power Supply | | Ø / V / Hz | 1/220~240/50 | 1/220~240/50 |
| Dimensions | W*H*D | mm | 950×1380×330 | 950×1380×330 |
| Net Weight | | kg | 108 | 108 |
| Max. Number of Connectable Indoor Units | | | 8 | 9 |
| Refrigerant | Charge (at 7.5m) | g | 4800 | 4800 |
| Air Flow Rate | | $m^3$/min | 60 × 2 | 60 × 2 |
| Sound Level | | dB(A)+3 | 58 | 59 |
| Piping connections | Liquid(ø) | mm(inch) | 9.52(3/8) | 9.52(3/8) |
| | Gas(ø) | mm(inch) | 19.05(3/4) | 19.05(3/4) |
| Circuit breaker | | A | 40 | 40 |
| Power Supply Cable | | No.×$mm^2$ | 3×4.0(including earth) | 3×4.0(including earth) |
| Max. Interunit Piping Length | Total Piping (Main+Total Branch) | m | 135 | 145 |
| | Main Piping | m | 55 | 55 |
| | Total Branch Piping | m | 80 | 90 |
| | Each Branch Piping | m | 15 | 15 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 30 | 30 |
| | Indoor Unit~Indoor Unit | m | 15 | 15 |

Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
   - Outdoor Temperature 35°C(95°F) DB /24°C(75.2°F) WB
   Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
   Piping Length - Main piping 5m, Branch piping 5m
   - Level Difference of Zero.
2. * : See page "Combination Table"
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.

- FM37AH UE0



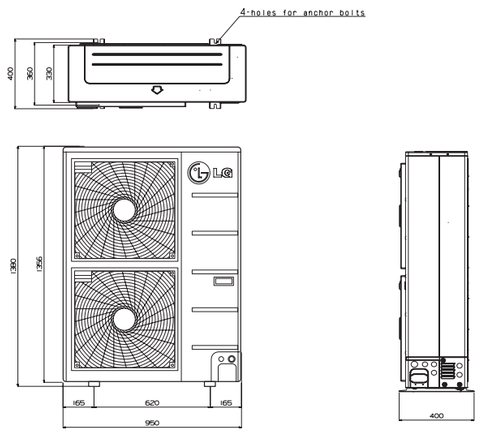

(Unit:mm)

| Model | | | FM37AH UE0 |
|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 21,600~33,000~37,000 |
| | | kW | 6.33~9.67~10.8 |
| | Heating | Btu/h | 22,800~38,000~42,000 |
| | | kW | 6.68~11.1~12.3 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 1.80~3.00~3.45 |
| | Heating | kW | 1.83~3.05~3.51 |
| Energy label | | | A/A |
| Testing Combination | | | CS07AQ NB0 x 6EA |
| Running Current (Min~Rated~Max) | Cooling | A | 3.4-5.4-6.0 |
| | Heating | A | 3.5-5.4-6.1 |
| Power Supply | | Ø / V / Hz | 3 / 380~415 / 50 |
| Dimensions | W*H*D | mm | 870×1,038×320 |
| Net Weight | | kg | 80 |
| Max. Number of Connectable Indoor Units | | | 6 |
| Refrigerant | Charge (at 7.5m) | g | 2,800 |
| Air Flow Rate | | $m^3$/min | 32 × 2 |
| Sound Level | | dB(A)+3 | 51 |
| Piping connections | Liquid(ø) | mm(inch) | 6.35(1/4) |
| | Gas(ø) | mm(inch) | 15.88(5/8) |
| Circuit breaker | | A | 20 |
| Power Supply Cable | | No.×$mm^2$ | 5×2.5(including earth) |
| Max. Interunit Piping Length | Total Piping (Main+Total Branch) | m | 100 |
| | Main Piping | m | 40 |
| | Total Branch Piping | m | 60 |
| | Each Branch Piping | m | 20 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 30 |
| | Indoor Unit~Indoor Unit | m | 15 |

Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
   - Outdoor Temperature 35°C(95°F) DB /24°C(75.2°F) WB
   Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
   Piping Length - Main piping 5m, Branch piping 5m
   - Level Difference of Zero.
2. * : See page "Combination Table"
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.



- FM41AH U33
- FM49AH U33
- FM57AH U33




(Unit:mm)

[Unit : mm]

| Model | | | FM41AH U33 | FM49AH U33 | FM57AH U33 |
|---|---|---|---|---|---|
| Nominal Capacity* (Min~Rated~Max) | Cooling | Btu/h | 9,600~46,000~48,000 | 11,400~52,800~58,000 | 13,800~57,000~63,200 |
| | | kW | 2.8~13.5~14.1 | 3.3~15.5~17.0 | 4.0~16.7~18.52 |
| | Heating | Btu/h | 10,752~48,000~52,000 | 12,768~56,000~59,000 | 15,456~61,000~64,000 |
| | | kW | 3.2~14.1~15.2 | 3.7~16.4~17.29 | 4.5~17.87~18.75 |
| Nominal Input* (Min~Rated~Max) | Cooling | kW | 0.8~4.0~4.9 | 0.94~4.6~5.4 | 1.0~4.91~5.7 |
| | Heating | kW | 0.89~3.9~5.1 | 1.13~4.45~5.2 | 1.49~4.55~5.65 |
| Energy label | | | A/A | A/A | A/A |
| Testing Combination | | | CS07AQ NB0 x 7EA | CS07AQ NB0 x 5EA + CS09AQ NB0 x 3EA | CS09AQ NB0 x 8EA |
| Running Current (Min~Rated~Max) | Cooling | A | 1.5~7.2~8.1 | 1.8~8.0~8.4 | 2.3~8.1~9.1 |
| | Heating | A | 1.7~7.5~8.0 | 2.1~7.5~8.3 | 2.5~8.0~8.7 |
| Power Supply | | Ø / V / Hz | 3/380~415/50 | 3/380~415/50 | 3/380~415/50 |
| Dimensions | W*H*D | mm | 950×1380×330 | 950×1,380×330 | 950×1,380×330 |
| Net Weight | | kg | 108 | 108 | 108 |
| Max. Number of Connectable Indoor Units | | | 7 | 8 | 9 |
| Refrigerant | Charge (at 7.5m) | g | 4,800 | 4,800 | 4,800 |
| Air Flow Rate | | $m^3$/min | 60 × 2 | 60 × 2 | 60 × 2 |
| Sound Level | | dB(A)+3 | 58 | 58 | 59 |
| Piping connections | Liquid(ø) | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas(ø) | mm(inch) | 19.05(3/4) | 19.05(3/4) | 19.05(3/4) |
| Circuit breaker | | A | 20 | 20 | 20 |
| Power Supply Cable | | No.×$mm^2$ | 5×2.5(including earth) | 5×2.5(including earth) | 5×2.5(including earth) |
| Max. Interunit Piping Length | Total Piping (Main+Total Branch) | m | 125 | 135 | 145 |
| | Main Piping | m | 55 | 55 | 55 |
| | Total Branch Piping | m | 70 | 80 | 90 |
| | Each Branch Piping | m | 15 | 15 | 15 |
| Max. Elevation | Indoor Unit~Outdoor Unit | m | 30 | 30 | 30 |
| | Indoor Unit~Indoor Unit | m | 15 | 15 | 15 |

Notes:
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
   - Outdoor Temperature 35°C(95°F) DB /24°C(75.2°F) WB
   Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
   - Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
   Piping Length - Main piping 5m, Branch piping 5m
   - Level Difference of Zero.
2. * : See page "Combination Table"
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.

# INDOOR UNIT

MULTI Inverter units composed of serially arranged refrigerant pipes connected to a single outdoor unit are an efficient system that offers outstanding energy saving, simple and easy installation, and connection to different types of indoor units, making it easy to design and install.

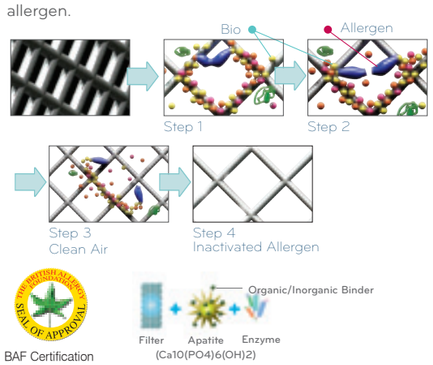
## LG 4-way protection system

### Filtering

Dust floating in the air is sucked into the air conditioner and caught in the air filter

Virus & Allergy Safe Filter

Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.




BAF Certification




### Deodorizing

Its Plasma filter eliminates germs by burning microscopic dust particles through its patented electric field.

Triple Filter

The triple filter consists of three specialized filters to reduce the symptoms associated with various organic compounds including formaldehyde. It also has the ability to remove unpleasant odors creating a more comfortable environment.


- Red filter removes stench in daily life such as smoke, fish-stink, food-smelling and foot-stink.
- Black filter removes the odor of construction ingredient such as formaldehyde.
- Blue filter removes the chemical substances such as a smell of fresh paint.

❶ VOC filter removes odor and hazardous VOCs that is discharged from household materials made with chemical substances (carpet, paint, cleaners, furniture, etc.) (VOC= Volatile Organic Chemical)

❷ Formaldehyde filter cuts off formaldehyde, a leading cause of new-house syndrome, and prevents dermatitis, vomiting, and pneumonia

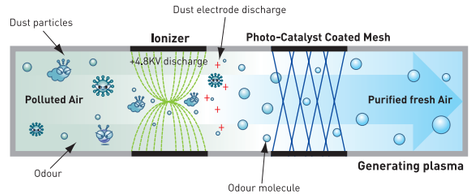
❸ Common odor filter removes ordinary odors that cause migraine and chronic fatigue

### Eliminating

Tiny dust is burned and eliminated when it is captured by electric field

Plasma Filter

The plasma air purifying system was initially developed by LG not only reduction of microscopic contaminants and dust, but also removal of house mites, micro dust, and pet fur in order to reduce allergy and asthma symptoms.




### Auto Cleaning

Air conditioner is kept clean not to develop germs by self cleaning

Auto Cleaning

A main cause of air conditioner odors is mould and bacteria that breed in the heat exchanger. The auto clean function dries the wet heat exchanger to help prevent mould and bacteria from breeding thus significantly reducing the old rag smell and saves you from frequent cleaning.

Dries the evaporator with soft, low-noise wind and removes remaining moisture. Press "Auto Clean" and the function starts after cooling operation.

Removes the source of mold once again with neo plasma plus system. In 30 minutes, "Auto Clean" dries the inner part of air conditioners' indoor unit.

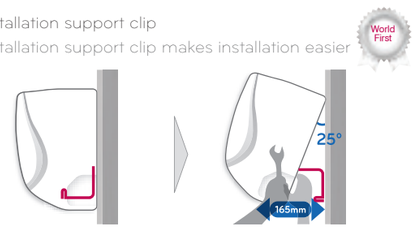
# Multi Split_ Wall Mounted Type

## Easy Installation

### Quick & Easy installation

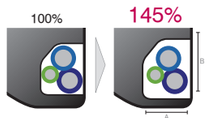

Installation support clip

Installation support clip makes installation easier




Bigger tubing space

Wider installation space can make you installation much easier.



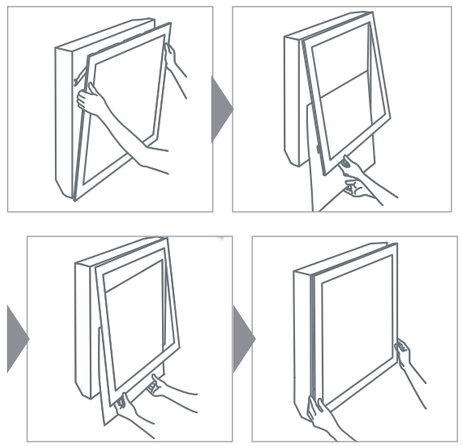

| | LG | Co.A | Co.B | Co.C |
|---|---|---|---|---|
| A(mm) | 67.7 | 50.0 | 60.0 | 45.0 |
| B(mm) | 72.0 | 80.0 | 70.0 | 70.0 |
| % | 116% | 95% | 100% | 75% |

## Photo Changeable

You no longer have to be told what your air conditioner should look like. With LG's revolutionary ARTCOOL Photo Changeable, you can simply change the look of your air conditioner to what you want, when you want to.

Sample

Pictures are easily changeable at anytime with your own pictures/photos.



## Various Indoor Units

| Capacity (kW) | 1.5 | 2.1 | 2.6 | 3.5 | 5.3 | 7 |
|---|---|---|---|---|---|---|
| Wall Mounted NOVA | | E07SQ NB0 | E09SQ NB0 | E12SQ NB0 | E18SQ NC0 | E24SQ NC0 |
| Wall Mounted HERO | | CS07AF NH0 | CS09AF NH0 | CS12AF NH0 | | |
| ART COOL Inverter | CS05AF NH0 | CA07AW* NB0 | CA09AW* NB0 | CA12AW* NB0 | CA18AW* NC0 | CA24AW* NC0 |
| ART COOL Gallery | | | MA09AH1 NF1 | MA12AH1 NF1 | | |

ART COOL Inverter Note : *indicates color of panel
Mirror(R),Silver(V), White(W)

## Specifications

| Model | | | E07SQ NB0 | E09SQ NB0 | E12SQ NB0 | E18SQ NC0 | E24SQ NC0 |
|---|---|---|---|---|---|---|---|
| Cooling capacity | | Btu/h | 7,000 | 9,000 | 12,000 | 18,000 | 23,000 |
| | | kW | 2.05 | 2.64 | 3.52 | 5.28 | 6.74 |
| Heating capacity | | Btu/h | 8000 | 10,000 | 13,200 | 19,800 | 25,500 |
| | | kW | 2.34 | 2.93 | 3.87 | 5.8 | 7.47 |
| Current Nominal running current | | A | 0.1 | 0.15 | 0.15 | 0.28 | 0.28 |
| Air flow rate (H/M/L) | | $m^3$/min | 5.6/5.0/4.6 | 7.0/6.5/6.0 | 9.5/9.0/8.5 | 12.0/10.0/8.2 | 14.2/12.5/10.2 |
| Dimensions (WxHxD) | Body | mm | 895×285×210 | 895×285×210 | 895×285×210 | 1030×325×250 | 1030×325×250 |
| Weight | Body | kg | 11 | 11 | 11 | 17 | 17 |
| Sound level (H/M/L) | | dB(A)+3 | 31/28/25 | 33 / 30 / 27 | 39 / 36 / 31 | 37/33/28 | 42/39/36 |
| Piping | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| connections | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 12.7 (1/2) |
| Dehumidification rate | | l/h | 0.9 | 1.1 | 1.2 | 1.9 | 2.6 |

| Model | | | CS07AF NH0 | CS09AF NH0 | CS12AF NH0 |
|---|---|---|---|---|---|
| Cooling capacity | | Btu/h | 7,000 | 9,000 | 12,000 |
| | | kW | 2.05 | 2.64 | 3.52 |
| Heating capacity | | Btu/h | 8,000 | 10,000 | 13,200 |
| | | kW | 2.34 | 2.93 | 3.87 |
| Current Nominal running current | | A | 0.10 | 0.15 | 0.15 |
| Air flow rate (H/M/L) | | $m^3$/min | 6.4/5.7/5.1 | 7.1/6.2/5.5 | 8.0/6.9/6.1 |
| Dimensions (WxHxD) | Body | mm | 790×290×210 | 790×290×210 | 790×290×210 |
| Weight | Body | kg | 8.5 | 8.5 | 8.5 |
| Sound level (H/M/L) | | dB(A)+3 | 31/29/26 | 34/30/29 | 38/33/31 |
| Piping | Liquid | mm(inch) | 6.35(1/4) | 6.35(1/4) | 6.35(1/4) |
| connections | Gas | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| Dehumidification rate | | l/h | 1.2 | 1.6 | 1.9 |

| Model | | | CA07AW* NB0 | CA09AW* NB0 | CA12AW* NB0 | CA18AW* NC0 | CA24AW* NC0 |
|---|---|---|---|---|---|---|---|
| Cooling capacity | | Btu/h | 7,000 | 9,000 | 12,000 | 18,000 | 23,000 |
| | | kW | 2.05 | 2.64 | 3.52 | 5.28 | 6.74 |
| Heating capacity | | Btu/h | 8000 | 10,000 | 13,200 | 19,800 | 25,500 |
| | | kW | 2.34 | 2.93 | 3.87 | 5.8 | 7.47 |
| Current Nominal running current | | A | 0.1 | 0.15 | 0.15 | 0.28 | 0.28 |
| Air flow rate (H/M/L) | | $m^3$/min | 5.6/5.0/4.6 | 7.0/6.5/6.0 | 9.5/9.0/8.5 | 12.0/10.0/8.2 | 14.2/12.5/10.2 |
| Dimensions (WxHxD) | Body | mm | 895×285×205 | 895×285×205 | 895×285×205 | 1030×325×245 | 1030×325×245 |
| Weight | Body | kg | 10 | 10 | 10 | 15.5 | 15.5 |
| Sound level (H/M/L) | | dB(A)+3 | 31/28/25 | 33 / 30 / 27 | 39 / 36 / 31 | 37/33/28 | 42/39/36 |
| Piping | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| connections | Gas | mm(inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 12.7 (1/2) |
| Dehumidification rate | | l/h | 0.9 | 1.1 | 1.2 | 1.9 | 2.6 |

| Model | | | MA09AH1 NF1 | MA12AH1 NF1 |
|---|---|---|---|---|
| Cooling capacity | | Btu/h | 9,000 | 12,000 |
| | | kW | 2.64 | 3.52 |
| Heating capacity | | Btu/h | 10,000 | 13,200 |
| | | kW | 2.93 | 3.87 |
| Current Nominal running current | | A | 0.08 | 0.08 |
| Air flow rate (H/M/L) | | $m^3$/min | 7.7/5.9/4.4 | 8.9/7.3/5.6 |
| Dimensions (WxHxD) | Body | mm | 600×600×146 | 600×600×146 |
| Weight | Body | kg | 15 | 15 |
| Sound level (H/M/L) | | dB(A)+3 | 38 / 32 / 27 | 44 / 38 / 32 |
| Piping | Liquid | mm(inch) | 6.35(1/4) | 6.35(1/4) |
| connections | Gas | mm(inch) | 9.52(3/8) | 9.52(3/8) |
| Dehumidification rate | | l/h | 1.2 | 1.4 |

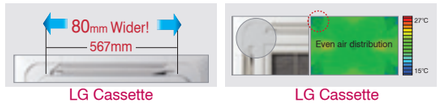
Note : Due to our policy of innovation some specifications may be changed without notification.

# Multi Split_ Ceiling Cassette Type

## Comfort Operation

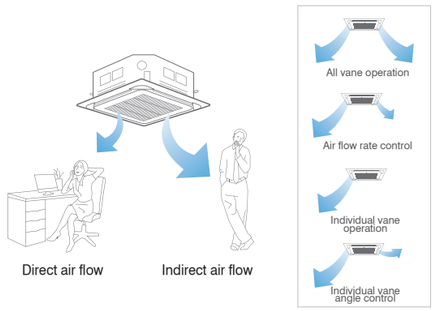
### Wide jet Air Flow

Improved wide vanes reduce dead bands and provide better air and temperature distribution.



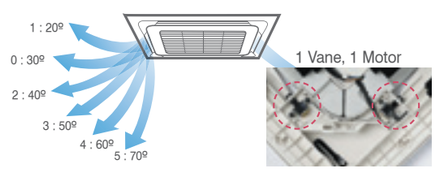

### Independent Vane Operation

Vane angle control satisfies both users who like direct wind or indirect wind and also reduces cold air draft.




### Automatic Vane angle Control

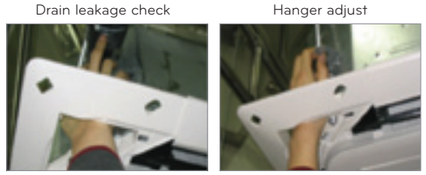
One motor per vane is adopted to control each of four vane independently, freely controlling air current according to situations.

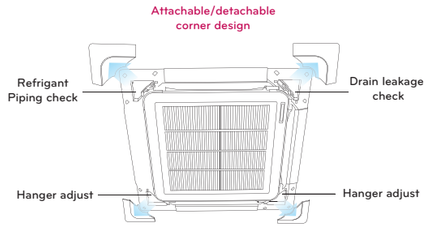



## Easy Installation

### Detachable Corner Panels

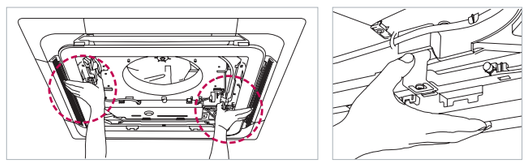
The attachable/detachable corner design makes it easy to adjust the hanger during installation and to check leakage in the drain connection pipe.




### One Touch Panel

The simple push-up panel design easily connect the panel with the body, enabling the installer to use his two hands freely.

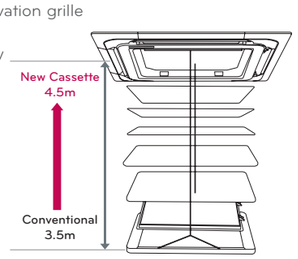


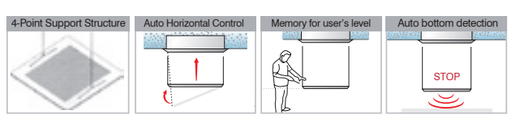
### Auto Elevation Grille ( Accessory : PTEGM0)

Easy filter cleaning with elevation grille

- Installed inside main body
- Auto horizontal level
- 4 points support
- Memory for user's level
- Max. 4.5m length

* Pls refer to the PDB for available model




## Various Indoor Units

| Capacity (kW) | 1.5 | 2.1 | 2.6 | 3.5 | 5.3 | 7 |
|---|---|---|---|---|---|---|
| 1-Way Cassette Type  | | | MT09AH NC1 | MT11AH NC1 | | |
| 4-Way Cassette Type  | MT06AH NR0 | MT08AH NR0 | MT10AH NR0 | MT12AH NR0 | MT18AH NQ0 | MT24AH NP0 |

## Specifications

| | | | Ceiling Cassette - 1 way | |
|---|---|---|---|---|
| Model | | | MT09AH NC1 | MT11AH NC1 |
| | Panel | | PT-HCC | PT-HCC |
| Cooling Capacity | | Btu/h | 9,000 | 12,000 |
| | | kW | 2.64 | 3.52 |
| Heating Capacity | | Btu/h | 10,000 | 13,200 |
| | | kW | 2.93 | 3.87 |
| Running current | | A | 0.56 | 0.56 |
| Air flow rate (H/M/L ) | | $m^3$/min | 8.5/7.5/6.5 | 9.5/8/7 |
| Dimensions (W*H*D) | Body | mm | 860×180×390 | 860×180×390 |
| | Decorative Panel | mm | 1050×30×480 | 1050×30×480 |
| Weight | Body | kg | 22 | 22 |
| | Decorative Pane | kg | 4 | 4 |
| Sound level (H/M/L ) | | dB(A)±3 | 35 /32 / 28 | 37 / 33 / 29 |
| Piping Connections | Liquid | inch(mm) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | inch(mm) | 9.52 (3/8) | 9.52 (3/8) |
| Dehumidification rate | | 1/h | 1.1 | 1.3 |

Note : Due to our policy of innovation some specifications may be changed without notification.

| | | | Ceiling Cassette - 4way | | |
|---|---|---|---|---|---|
| Model | | | MT06AH NR0 | MT08AH NR0 | MT10AH NR0 |
| | Panel | | PT-UQC | PT-UQC | PT-UQC |
| Cooling Capacity | | Btu/h | 5,000 | 7,000 | 9,000 |
| | | kW | 1.46 | 2.05 | 2.64 |
| Heating Capacity | | Btu/h | 5,500 | 8000 | 10,000 |
| | | kW | 1.6 | 2.34 | 2.93 |
| Running current | | A | 0.35 | 0.35 | 0.35 |
| Air flow rate (H/M/L ) | | $m^3$/min | 7.5/6/5 | 7.5/6/5 | 8.5/7.5/6.5 |
| Dimensions (W*H*D) | Body | mm | 570×214×570 | 570×214×570 | 570×214×570 |
| | Decorative Panel | mm | 700×30×700 | 700×30×700 | 700×30×700 |
| Weight | Body | kg | 14 | 14 | 14 |
| | Decorative Pane | kg | 3 | 3 | 3 |
| Sound level (H/M/L ) | | dB(A)±3 | 31/27/24 | 31/27/24 | 32/29/25 |
| Piping Connections | Liquid | inch(mm) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | inch(mm) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |
| Dehumidification rate | | 1/h | 0.8 | 1.0 | 1.1 |

Note : Due to our policy of innovation some specifications may be changed without notification.

| | | | Ceiling Cassette - 4way | | |
|---|---|---|---|---|---|
| Model | | | MT12AH NR0 | MT18AH NQ0 | MT24AH NP0 |
| | Panel | | PT-UQC | PT-UQC | PT-UMC |
| Cooling Capacity | | Btu/h | 12,000 | 18,000 | 24,000 |
| | | kW | 3.52 | 5.28 | 7.03 |
| Heating Capacity | | Btu/h | 13,200 | 19,800 | 26,400 |
| | | kW | 3.87 | 5.8 | 7.74 |
| Running current | | A | 0.35 | 0.43 | 0.6 |
| Air flow rate (H/M/L ) | | $m^3$/min | 9.5/8/6.5 | 13/12/10 | 17/15/13 |
| Dimensions (W*H*D) | Body | mm | 570×214×570 | 570×256×570 | 840×204×840 |
| | Decorative Panel | mm | 700×30×700 | 700×30×700 | 950×25×950 |
| Weight | Body | kg | 14 | 15 | 21 |
| | Decorative Pane | kg | 3 | 3 | 5 |
| Sound level (H/M/L ) | | dB(A)±3 | 35/31/27 | 40/37/34 | 39/37/34 |
| Piping Connections | Liquid | inch(mm) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | inch(mm) | 9.52 (3/8) | 12.7(1/2) | 12.7(1/2) |
| Dehumidification rate | | 1/h | 1.2 | 2.4 | 3.0 |

Note : Due to our policy of innovation some specifications may be changed without notification.

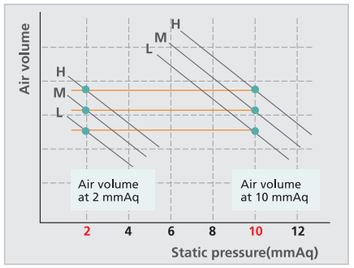
# Multi Split_ Ceiling Concealed Duct Type

## Linear E.S.P. Control

Air volume and sound kept as design regardless of E.S.P change using this technology , you can

- Optimize duct work Installation
- Keep capacity & sound level as desired
- Simplify model numbers

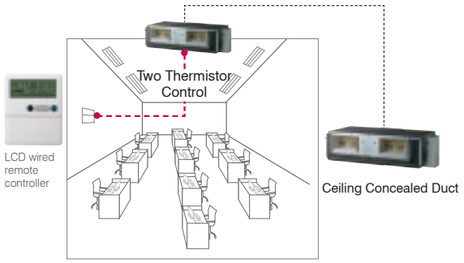
The phase control motor technology gives benefit of saving money to Installer.




*E.S.P is easily controlled by remote controller

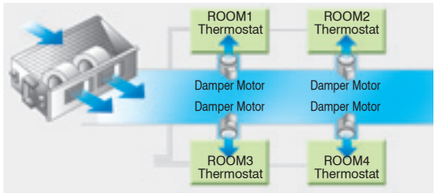
## Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.



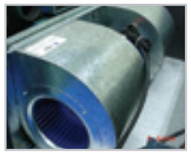

## Zone Controller

This feature can be used to control the operation of the Air Conditioning Unit where each zone (maximum of 4 zones) has a separate thermostat and damper motor, your Air Conditioning Specialist can advise you if you require a VAV (Variable Air Volume) Installation in your home / office, as well as providing a quotation for Installation (including the supply of thermostats and damper motors).

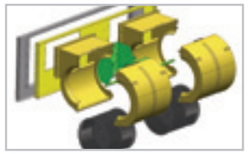



## Quiet Operation & Easy Service

A lightweight plastic blower and housing makes air conditioning operation quiet and backup servicing more convenient. The new fan housing can be easily dismantled for convenient servicing and maintenance. The fan motor can be removed without the need to remove the complete fan direct assembly.



Conventional

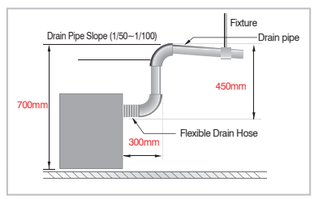


LG Fan and Housing

## High Head Drain Pump

Auxiliary Drain Pump automatically drains water. A standard drain-head height of up to 700mm is possible, creating the ideal solution for perfect water drainage.

(Accessory:ABDPG)




H-Inverter : High Head Drain Pump is Included

## Various Indoor Units

| Capacity (kW) | 2.6 | 3.5 | 5.3 | 7.0 |
|---|---|---|---|---|
| Slim Duct  | MB09AHL N12 | MB12AHL N12 | MB18AHL N22 | MB24AHL N22 |
| High Static Duct  | | | MB18AH NH0 | MB24AH NH0 |

## Specifications

| Model | | | Ceiling Concealed Duct - Slim Duct | | | |
|---|---|---|---|---|---|---|
| | | | MB09AHL N12 | MB12AHL N12 | MB18AHL N22 | MB24AHL N22 |
| Cooling capacity | | Btu/h | 9,000 | 12,000 | 18,000 | 24,000 |
| | | kW | 2.64 | 3.52 | 5.27 | 7.03 |
| Heating capacity | | Btu/h | 10,000 | 13,200 | 19,800 | 26,400 |
| | | kW | 2.93 | 3.87 | 5.8 | 7.44 |
| Current Nominal running current | | A | 1.02 | 1.02 | 1.6 | 1.6 |
| Air flow rate (H/M/L) | | $m^3$/min | 8.5/7.5/6.5 | 9.5/8.5/7.5 | 15/13.5/11.5 | 17/15/13.5 |
| Dimensions (WxHxD) | Body | mm | 820×190×575 | 820×190×575 | 1,100×190×575 | 1,100×190×575 |
| Weight | Body | kg | 20.5 | 20.5 | 26.5 | 27 |
| Sound level (H/M/L) | | dB(A)+3 | 31/26/25 | 33/31/26 | 34/31/29 | 36/34/32 |
| Piping | Liquid | mm(inch) | 6.35(1/4) | 6.35(1/4) | 6.35(1/4) | 6.35(1/4) |
| Connections | Gas | mm(inch) | 9.52(3/8) | 9.52(3/8) | 12.7(1/2) | 12.7(1/2) |
| Dehumidification rate | | l/h | 1.0 | 1.2 | 2.0 | 2.5 |

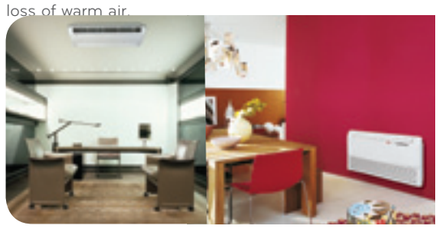
| Model | | | Ceiling Concealed Duct - High Static Duct | |
|---|---|---|---|---|
| | | | MB18AH NH0 | MB24AH NH0 |
| Cooling capacity | | Btu/h | 18,000 | 24,000 |
| | | kW | 5.28 | 7.03 |
| Heating capacity | | Btu/h | 19,800 | 26,400 |
| | | kW | 5.8 | 7.74 |
| Current Nominal running current | | A | 0.75 | 0.75 |
| Air flow rate (H/M/L) | | $m^3$/min | 16.5/14.5/13 | 18/16.5/14 |
| Dimensions (WxHxD) | Body | mm | 880×260×450 | 880×260×450 |
| Weight | Body | kg | 35 | 35 |
| Sound level (H/M/L) | | dB(A)+3 | 36 / 34 / 32 | 38/36/34 |
| Piping | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) |
| Connections | Gas | mm(inch) | 12.7(1/2) | 12.7(1/2) |
| Dehumidification rate | | l/h | 2.0 | 2.5 |

Note : Due to our policy of innovation some specifications may be changed without notification.

# Multi Split_ Ceiling & Floor Type

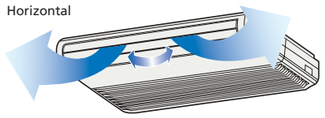
## Flexible Installation

The Perfect Choice to Free up maximum Wall or Floor Space
•Two-way installation
The rounded design of the floor/ceiling-suspended dual type unit allows either ceiling or floor-level installation. Ceiling installation frees up wall and floor space, while floor-level installation helps prevent the loss of warm air.

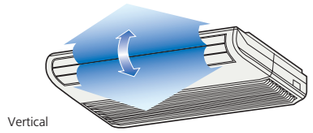


## Airflow Direction Control

Horizontal Airflow Direction Control.
Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.




Vertical Airflow Direction Control
The airflow direction can be adjusted as desired by using the remote controller.




## Various Indoor Units

| Capacity (kW) | 2.6 | 3.5 | 5.3 | 7.0 |
|---|---|---|---|---|
|  | MV09AH NE0 | MV12AH NE0 | MV18AH NB0 | MV24AH NB0 |

## Specifications

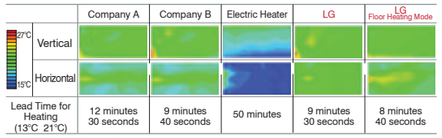
| Model | | | Ceiling & Floor | | | |
|---|---|---|---|---|---|---|
| | | | MV09AH NE0 | MV12AH NE0 | MV18AH NB0 | MV24AH NB0 |
| Cooling Capacity | | Btu/h | 9,000 | 12,000 | 18,000 | 24,000 |
| | | kW | 2.64 | 3.52 | 5.27 | 7.03 |
| Heating Capacity | | Btu/h | 10,000 | 13,200 | 19,800 | 25,200 |
| | | kW | 2.93 | 3.87 | 5.8 | 7.38 |
| Current Nominal running current | | A | 0.56 | 0.56 | 0.67 | 0.67 |
| Air flow rate (H/M/L) | | $m^3$/min | 7.8/6.4/5.0 | 10.0/8.3/6.5 | 13.5/12/11 | 15/13.5/12 |
| Demensions (W*H*D) | Body | mm | 900×200×490 | 900×200×490 | 1,200×205×615 | 1,200×205×615 |
| Weight | Body | kg | 12 | 12 | 30 | 30 |
| Sound level (H/M/L) | | dB(A)±3 | 36 / 32 / 28 | 40 / 36 / 31 | 43 / 40 / 37 | 45 / 42 / 39 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52(3/8) | 9.52(3/8) | 12.7(1/2) | 12.7(1/2) |
| Dehumidification rate | | 1/h | 1.0 | 1.2 | 2.0 | 3.0 |

# Console Type

## Comfort Air Flow

•Different air flow of cooling & heating
For cooling, the vane is adjusted upwards to let the cold air travel up. As for heating, the vane sends the heated air downwards to balance room temperature specially for floor.

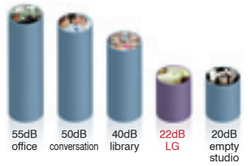

•Quick floor heating
Console air conditioners can operate faster to provider more powerful performance. The results is to attain the desired temperature much faster in floor heating mode than conventional air conditioners.




(Test Condition :Target Temp 23°C, Indoor Room:13°C~ , Outdoor Room:7°C)

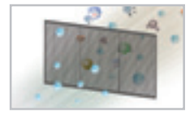
• EZ vane tap control

•Quiet operation (22dB)

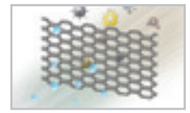



## Healthy Air (3 stage air filter system)

1st Advanced pre filter :
The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.



2nd Allergy Filter :
Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



3rd Plasma Ion Generator :
The sterilized ion generating system, Ion Generator, emits around 1.2 million ions, and catches hazardous substances floating in the air, therefore proactively looking for and catching germs.

## Various Indoor Units

| Capacity (kW) | 2.6 | 3.5 | 5.3 |
|---|---|---|---|
|  | CQ09 NA0 | CQ12 NA0 | CQ18 NA0 |

## Specifications

| Model | | | Console | | |
|---|---|---|---|---|---|
| | | | CQ09 NA0 | CQ12 NA0 | CQ18 NA0 |
| Cooling Capacity | | Btu/h | 9,000 | 12,000 | 18,000 |
| | | kW | 2.64 | 3.52 | 5.27 |
| Heating Capacity | | Btu/h | 10,000 | 13,200 | 19,800 |
| | | kW | 2.93 | 3.87 | 5.8 |
| Current Nominal running current | | A | 0.56 | 0.56 | 0.67 |
| Air flow rate (H/M/L) | | $m^3$/min | 8.1/6.5/5.2 | 8.1/6.5/5.2 | 10.1/8.6/7.2 |
| Demensions (W*H*D) | Body | mm | 700×600×210 | 700×600×210 | 700×600×210 |
| Weight | Body | kg | 13.8 | 13.8 | 13.8 |
| Sound level (H/M/L) | | dB(A)±3 | 38 / 32 / 27 | 39 / 32 / 27 | 44 / 39 / 35 |
| Piping Connections | Liquid | mm(inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | mm(inch) | 9.52(3/8) | 9.52(3/8) | 12.7(1/2) |
| Dehumidification rate | | 1/h | 1.0 | 1.2 | 2.0 |

Note : Due to our policy of innovation some specifications may be changed without notification.

## Distributor Box

PMBD3620, PMBD3630, PMBD3640

### Easy Installation with Various Distributor Box

| For | 2 Indoors | 3 Indoors | 4 Indoors |
|---|---|---|---|
| Distributor |  PMBD3620 |  PMBD3630 |  PMBD3640 |
| Various distributors can make much easier installation for any sites | | | |

### Features

- Distribution of refrigerant to various indoor units.
- 3 models (2, 3, 4 indoor units)
- Consists of EEV inside it
- Controlling PCB inside the unit
- Internally insulated (prevents any chances of drainage)
- Flare joints for easy and clean installation
- Compact design (low height)
- Flexible installation


No brazing


Just flaring

### Specifications_Distributors

| Model | | | PMBD3620 | PMBD3630 | PMBD3640 |
|---|---|---|---|---|---|
| Connectable Indoor Units | Number of Indoor Units | | 1~2 | 1~3 | 1~4 |
| | Capacity | Btu/h | 5k/7k/9k/12k/18k/24k | 5k/7k/9k/12k/18k/24k | 5k/7k/9k/12k/18k/24k |
| Power Source | | ø/V/Hz | 1, 50, 220~240 | 1, 50, 220~240 | 1, 50, 220~240 |
| Power Consumption | | W | 10 | 10 | 10 |
| Runing Current | | A | 0.05 | 0.05 | 0.05 |
| Dimensions | W*H*D | mm(inch) | 302×143×252(11.9×5.6×9.9) | 302×143×252(11.9×5.6×9.9) | 302×143×252(11.9×5.6×9.9) |
| Net Weight | | kg/lb | 4.8/10.6 | 4.9/10.8 | 5/11 |
| Piping Connection (To Outdoor Unit) | Liquid(ø) | mm(inch) | 9.52(3/8) | 9.52(3/8) | 9.52(3/8) |
| | Gas(ø) | mm(inch) | 19.05(3/4) | 19.05(3/4) | 19.05(3/4) |
| Piping Connection (To Indoor Unit) | Liquid(ø) | mm(inch) | 6.35(1/4)×2EA | 6.35(1/4)×3EA | 6.35(1/4)×4EA |
| | Gas(ø) | mm(inch) | 9.52(3/8)×2EA | 9.52(3/8)×3EA | 9.52(3/8)×4EA |
| Accessories | Hanger (Bracket) | EA | 4 | 4 | 4 |
| | Screw | EA | 8 | 8 | 8 |
| | Manual | EA | 1 | 1 | 1 |

Note :
1. The piping connection must be suit the piping sizes of the indoor unit which will be connected. (If need, use the connector which is included in the indoor unit)

2. The BD should be installed inside the building.

Note : Due to our policy of innovation some specifications may be changed without notification.

Accessory_ MULTI

## Y Branch and Branch Kit

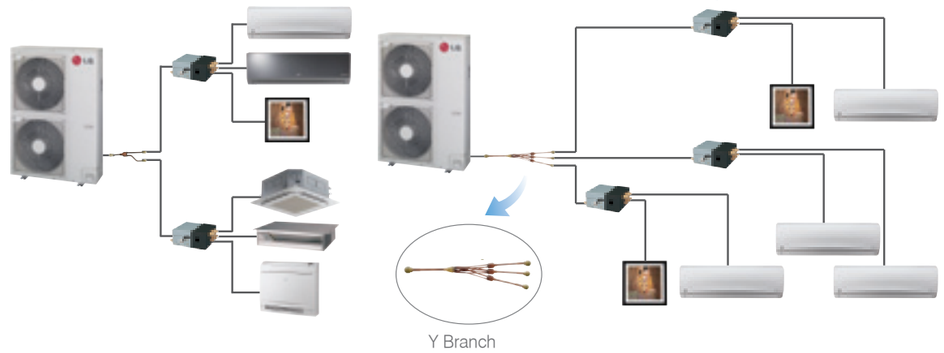
PMBL3620 / PMBL5620 (2units) / PMBL1203F0 (3units)

### Features

- Y Branch and Branch kit make Multi Fdx installation much easier.
- Y-Branch and Branch kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

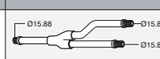
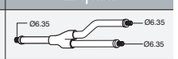
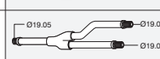
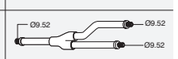
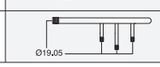
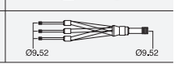

Distributor Box

### Application


Y Branch

### Accessory model name

(Unit : mm)

| Model Name | No. of BD units | Applicable Model | Specification | |
|---|---|---|---|---|
| | | | Gas | Liquid |
| PMBL3620 | 2 units | Only 3ø, 36k Btu/h |  Ø15.88 Ø15.88 Ø15.88 |  Ø6.35 Ø6.35 Ø6.35 |
| PMBL5620 | 2 units | 1ø, 3ø |  Ø19.05 Ø19.05 Ø19.05 |  Ø9.52 Ø9.52 Ø9.52 |
| PMBL1203F0 | 3 units | 1ø, 3ø |  Ø19.05 |  Ø9.52 Ø9.52 |

## MU2M15 UL1

| Operation | Combination | | | Cooling | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Each Capacity | | Total Capacity | | | | | | Input(W) | | |
| | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 1 Unit | 5 | | 5 | 5000 | - | 4600 | 1.3 | 5000 | 1.5 | 6000 | 1.8 | 380 | 500 | 580 |
| | 7 | | 7 | 7000 | - | 4600 | 1.3 | 7000 | 2.1 | 8400 | 2.5 | 380 | 500 | 665 |
| | 9 | | 9 | 9000 | - | 5400 | 1.6 | 9000 | 2.6 | 10800 | 3.2 | 514 | 660 | 905 |
| | 12 | | 12 | 12000 | - | 7200 | 2.1 | 12000 | 3.5 | 14400 | 4.2 | 703 | 1000 | 1498 |
| 2 Unit | 5 | 5 | 10 | 5000 | 5000 | 6000 | 1.8 | 10000 | 2.9 | 12000 | 3.5 | 784 | 800 | 1187 |
| | 5 | 7 | 12 | 5000 | 7000 | 7200 | 2.1 | 12000 | 3.5 | 14400 | 4.2 | 784 | 950 | 1406 |
| | 5 | 9 | 14 | 5000 | 9000 | 8400 | 2.5 | 14000 | 4.1 | 16000 | 4.7 | 784 | 1080 | 1700 |
| | 5 | 12 | 17 | 4118 | 9882 | 8400 | 2.5 | 14000 | 4.1 | 16000 | 4.7 | 784 | 1080 | 1700 |
| | 7 | 7 | 14 | 7000 | 7000 | 8400 | 2.5 | 14000 | 4.1 | 15500 | 4.5 | 784 | 1080 | 1700 |
| | 7 | 9 | 16 | 6125 | 7875 | 8400 | 2.5 | 14000 | 4.1 | 15800 | 4.6 | 784 | 1080 | 1700 |
| | 9 | 9 | 18 | 7000 | 7000 | 8400 | 2.5 | 14000 | 4.1 | 16000 | 4.7 | 784 | 1080 | 1700 |
| | 7 | 12 | 19 | 5158 | 8842 | 8400 | 2.5 | 14000 | 4.1 | 16000 | 4.7 | 784 | 1080 | 1700 |
| | 9 | 12 | 21 | 6000 | 8000 | 8400 | 2.5 | 14000 | 4.1 | 16000 | 4.7 | 784 | 1080 | 1700 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp. 20°C DB; outdoor temp. 7°C DB, 6°C WB 3 .The total ability of connected a indoor unit is up to 21k Btu/h 4. At least two indoor units should be connected.

## MU2M17 UL0

| Operation | Combination | | | Cooling | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Each Capacity | | Total Capacity | | | | | | Input(W) | | |
| | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 1 Unit | 5 | | 5 | 5000 | - | 4600 | 1.3 | 5000 | 1.5 | 6000 | 1.8 | 380 | 380 | 500 |
| | 7 | | 7 | 7000 | - | 4600 | 1.3 | 7000 | 2.1 | 8400 | 2.5 | 380 | 430 | 670 |
| | 9 | | 9 | 9000 | - | 5400 | 1.6 | 9000 | 2.6 | 10800 | 3.2 | 514 | 600 | 900 |
| | 12 | | 12 | 12000 | - | 7200 | 2.1 | 12000 | 3.5 | 14400 | 4.2 | 703 | 935 | 1430 |
| 2 Unit | 5 | 5 | 10 | 5000 | 5000 | 6000 | 1.8 | 10000 | 2.9 | 11500 | 3.4 | 714 | 725 | 1090 |
| | 5 | 7 | 12 | 5000 | 7000 | 7200 | 2.1 | 12000 | 3.5 | 13800 | 4.0 | 784 | 930 | 1370 |
| | 5 | 9 | 14 | 5000 | 9000 | 8400 | 2.5 | 14000 | 4.1 | 16100 | 4.7 | 784 | 1160 | 1690 |
| | 5 | 12 | 17 | 4706 | 11294 | 9600 | 2.8 | 16000 | 4.7 | 18000 | 5.3 | 784 | 1370 | 1830 |
| | 7 | 7 | 14 | 7000 | 7000 | 8400 | 2.5 | 14000 | 4.1 | 16800 | 4.9 | 784 | 1200 | 1830 |
| | 7 | 9 | 16 | 7000 | 9000 | 9600 | 2.8 | 16000 | 4.7 | 17500 | 5.1 | 784 | 1370 | 1830 |
| | 9 | 9 | 18 | 8000 | 8000 | 9600 | 2.8 | 16000 | 4.7 | 17500 | 5.1 | 784 | 1370 | 1830 |
| | 7 | 12 | 19 | 5895 | 10105 | 9600 | 2.8 | 16000 | 4.7 | 17500 | 5.1 | 784 | 1370 | 1830 |
| | 9 | 12 | 21 | 6857 | 9143 | 9600 | 2.8 | 16000 | 4.7 | 17500 | 5.1 | 784 | 1370 | 1830 |
| | 12 | 12 | 24 | 8000 | 8000 | 9600 | 2.8 | 16000 | 4.7 | 17500 | 5.1 | 784 | 1370 | 1830 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp. 20°C DB; outdoor temp. 7°C DB, 6°C WB 3 .The total ability of connected a indoor unit is up to 24k Btu/h 4. At least two indoor units should be connected.

## MU3M19 UE0

| Operation | Combination | | | | Cooling | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Each Capacity | | | Total Capacity | | | | | | Input(W) | | |
| | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 1 Unit | 5 | | | 5 | 5000 | - | - | 4,600 | 1.3 | 5,000 | 1.5 | 6,000 | 1.8 | 480 | 480 | 960 |
| | 7 | | | 7 | 7000 | - | - | 4,600 | 1.3 | 7,000 | 2.1 | 8,400 | 2.5 | 480 | 560 | 1160 |
| | 9 | | | 9 | 9000 | - | - | 5,400 | 1.6 | 9,000 | 2.6 | 10,800 | 3.2 | 541 | 760 | 1580 |
| | 12 | | | 12 | 12000 | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 14,400 | 4.2 | 690 | 1150 | 1980 |
| | 18 | | | 18 | 18000 | | | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1330 | 2370 |
| 2 Unit | 5 | 5 | | 10 | 5000 | 5000 | - | 6,000 | 1.8 | 10,000 | 2.9 | 12,000 | 3.5 | 811 | 811 | 1690 |
| | 5 | 7 | | 12 | 5000 | 7000 | - | 7,200 | 2.1 | 12,000 | 3.5 | 14,400 | 4.2 | 811 | 910 | 1830 |
| | 5 | 9 | | 14 | 5000 | 9000 | - | 8,400 | 2.5 | 14,000 | 4.1 | 16,800 | 4.9 | 811 | 1020 | 2170 |
| | 5 | 12 | | 17 | 5000 | 12000 | - | 10,200 | 3.0 | 17,000 | 5.0 | 20,400 | 6.0 | 811 | 1230 | 2250 |
| | 5 | 18 | | 23 | 3913 | 14087 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 811 | 1250 | 2370 |
| | 7 | 7 | | 14 | 7000 | 7000 | - | 8,400 | 2.5 | 14,000 | 4.1 | 16,800 | 4.9 | 811 | 1020 | 2090 |
| | 7 | 9 | | 16 | 7000 | 9000 | - | 9,600 | 2.8 | 16,000 | 4.7 | 19,200 | 5.6 | 906 | 1170 | 2210 |
| | 9 | 9 | | 18 | 9000 | 9000 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1250 | 2370 |
| | 7 | 12 | | 19 | 6632 | 11368 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1250 | 2370 |
| | 9 | 12 | | 21 | 7714 | 10286 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1250 | 2370 |
| | 12 | 12 | | 24 | 9000 | 9000 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1250 | 2370 |
| | 7 | 18 | | 25 | 5040 | 12960 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1250 | 2370 |
| | 9 | 18 | | 27 | 6000 | 12000 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1250 | 2370 |
| | 12 | 18 | | 30 | 7200 | 10800 | - | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 924 | 1250 | 2290 |
| 3 Unit | 5 | 5 | 5 | 15 | 5000 | 5000 | 5000 | 9,000 | 2.6 | 15,000 | 4.4 | 18,000 | 5.3 | 947 | 1050 | 2350 |
| | 5 | 5 | 7 | 17 | 5000 | 5000 | 7000 | 10,200 | 3.0 | 17,000 | 5.0 | 20,400 | 6.0 | 947 | 1140 | 2320 |
| | 5 | 5 | 9 | 19 | 4737 | 4737 | 8526 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 5 | 5 | 12 | 22 | 4091 | 4091 | 9818 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 5 | 7 | 7 | 19 | 4737 | 6632 | 6632 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 5 | 7 | 9 | 21 | 4286 | 6000 | 7714 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 5 | 7 | 12 | 24 | 3750 | 5250 | 9000 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 5 | 9 | 9 | 23 | 3913 | 7043 | 7043 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 5 | 9 | 12 | 26 | 3462 | 6231 | 8308 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 5 | 12 | 12 | 29 | 3103 | 7448 | 7448 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 7 | 7 | 7 | 21 | 6000 | 6000 | 6000 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 7 | 7 | 7 | 21 | 6000 | 6000 | 6000 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 7 | 7 | 9 | 23 | 5478 | 5478 | 7043 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 7 | 9 | 9 | 25 | 5040 | 6480 | 6480 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 7 | 7 | 12 | 26 | 4846 | 4846 | 8308 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 9 | 9 | 9 | 27 | 6000 | 6000 | 6000 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 7 | 9 | 12 | 28 | 4500 | 5786 | 7714 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |
| | 9 | 9 | 12 | 30 | 5400 | 5400 | 7200 | 10,800 | 3.2 | 18,000 | 5.3 | 21,600 | 6.3 | 947 | 1200 | 2350 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB ; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp. 20°C DB ; outdoor temp. 7°C DB, 6°C WB 3. The total ability of connected a indoor unit is up to 30kBtu/h 4. At least two indoor units should be connected.

MU2M15 UL1
MU2M17 UL0
MU3M19 UE0

Combination Table_ MULTI

## MU2M15 UL1

| Operation | Combination | | | Heating | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Each Capacity | | Total Capacity | | | | | | Input(W) | | |
| | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 1 Unit | 5 | | 5 | 5500 | - | 4800 | 1.5 | 5500 | 1.6 | 6325 | 1.9 | 450 | 750 | 860 |
| | 7 | | 7 | 8400 | - | 5300 | 1.6 | 8400 | 2.5 | 9660 | 2.8 | 450 | 850 | 980 |
| | 9 | | 9 | 10800 | - | 6480 | 1.9 | 10800 | 3.2 | 12420 | 3.6 | 541 | 1190 | 1500 |
| | 12 | | 12 | 13200 | - | 7920 | 2.3 | 13200 | 3.9 | 14400 | 4.2 | 757 | 1460 | 1650 |
| 2 Unit | 5 | 5 | 10 | 5500 | 5500 | 6600 | 1.9 | 11000 | 3.2 | 12650 | 3.7 | 744 | 800 | 1100 |
| | 5 | 7 | 12 | 5500 | 8400 | 8340 | 2.4 | 13900 | 4.1 | 15985 | 4.7 | 744 | 990 | 1400 |
| | 5 | 9 | 14 | 5714 | 10286 | 9600 | 2.8 | 16000 | 4.7 | 17400 | 5.1 | 744 | 1120 | 1800 |
| | 5 | 12 | 17 | 4706 | 11294 | 9600 | 2.8 | 16000 | 4.7 | 17400 | 5.1 | 744 | 1120 | 1800 |
| | 7 | 7 | 14 | 8000 | 8000 | 9600 | 2.8 | 16000 | 4.7 | 17400 | 5.1 | 744 | 1120 | 1800 |
| | 7 | 9 | 16 | 7000 | 9000 | 9600 | 2.8 | 16000 | 4.7 | 17500 | 5.1 | 730 | 1120 | 1800 |
| | 9 | 9 | 18 | 8000 | 8000 | 9600 | 2.8 | 16000 | 4.7 | 17600 | 5.2 | 730 | 1120 | 1800 |
| | 7 | 12 | 19 | 5895 | 10105 | 9600 | 2.8 | 16000 | 4.7 | 17800 | 5.2 | 730 | 1120 | 1800 |
| | 9 | 12 | 21 | 6857 | 9143 | 9600 | 2.8 | 16000 | 4.7 | 18000 | 5.3 | 730 | 1120 | 1800 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp. 20°C DB; outdoor temp. 7°C DB, 6°C WB 3 .The total ability of connected a indoor unit is up to 21k Btu/h 4. At least two indoor units should be connected.

## MU2M17 UL0

| Operation | Combination | | | Heating | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Each Capacity | | Total Capacity | | | | | | Input(W) | | |
| | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 1 Unit | 5 | | 5 | 5500 | - | 4800 | 1.4 | 5500 | 1.6 | 6325 | 1.9 | 450 | 450 | 600 |
| | 7 | | 7 | 8400 | - | 5300 | 1.6 | 8400 | 2.5 | 9660 | 2.8 | 450 | 650 | 950 |
| | 9 | | 9 | 10800 | - | 6480 | 1.9 | 10800 | 3.2 | 12420 | 3.6 | 541 | 880 | 1250 |
| | 12 | | 12 | 13200 | - | 7920 | 2.3 | 13200 | 3.9 | 14400 | 4.2 | 757 | 1200 | 1500 |
| 2 Unit | 5 | 5 | 10 | 5500 | 5500 | 9600 | 2.8 | 11000 | 3.2 | 12650 | 3.7 | 744 | 900 | 1250 |
| | 5 | 7 | 12 | 5500 | 8000 | 9600 | 2.8 | 13500 | 4.0 | 15525 | 4.6 | 744 | 1050 | 1460 |
| | 5 | 9 | 14 | 5500 | 10125 | 9600 | 2.8 | 15625 | 4.6 | 17969 | 5.3 | 744 | 1170 | 1660 |
| | 5 | 12 | 17 | 5294 | 12706 | 9600 | 2.8 | 18000 | 5.3 | 19500 | 5.7 | 730 | 1300 | 1730 |
| | 7 | 7 | 14 | 8000 | 8000 | 9600 | 2.8 | 16000 | 4.7 | 17400 | 5.1 | 744 | 1170 | 1660 |
| | 7 | 9 | 16 | 7875 | 10125 | 9600 | 2.8 | 18000 | 5.3 | 19500 | 5.7 | 730 | 1300 | 1730 |
| | 9 | 9 | 18 | 9000 | 9000 | 9600 | 2.8 | 18000 | 5.3 | 19500 | 5.7 | 730 | 1300 | 1730 |
| | 7 | 12 | 19 | 6632 | 11368 | 9600 | 2.8 | 18000 | 5.3 | 19500 | 5.7 | 730 | 1300 | 1730 |
| | 9 | 12 | 21 | 7714 | 10286 | 9600 | 2.8 | 18000 | 5.3 | 19500 | 5.7 | 730 | 1300 | 1730 |
| | 12 | 12 | 24 | 9000 | 9000 | 9600 | 2.8 | 18000 | 5.3 | 19500 | 5.7 | 730 | 1300 | 1730 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp. 20°C DB; outdoor temp. 7°C DB, 6°C WB 3 .The total ability of connected a indoor unit is up to 24k Btu/h 4. At least two indoor units should be connected.

## MU3M19 UE0

| Operation | Combination | | | | Heating | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Each Capacity | | | Total Capacity | | | | | | Input(W) | | |
| | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 1 Unit | 5 | | | 5 | 5500 | - | - | 4800 | 1.4 | 5500 | 1.6 | 6325 | 1.9 | 586 | 860 | 1290 |
| | 7 | | | 7 | 8400 | - | - | 5300 | 1.4 | 8400 | 2.5 | 9660 | 2.8 | 586 | 980 | 1400 |
| | 9 | | | 9 | 10800 | - | - | 6480 | 1.9 | 10800 | 3.2 | 12420 | 3.6 | 771 | 1140 | 1540 |
| | 12 | | | 12 | 13200 | - | - | 7920 | 2.3 | 13200 | 3.9 | 15180 | 4.4 | 866 | 1370 | 1820 |
| | 18 | | | 18 | 21600 | | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1640 | 2480 |
| 2 Unit | 5 | 5 | | 10 | 5500 | 5500 | | 6600 | 1.9 | 11000 | 3.2 | 12650 | 3.7 | 933 | 1080 | 1640 |
| | 5 | 7 | | 12 | 5500 | 8400 | | 8340 | 2.4 | 13900 | 4.1 | 15985 | 4.7 | 933 | 1280 | 1720 |
| | 5 | 9 | | 14 | 5500 | 10800 | | 9780 | 2.9 | 16300 | 4.8 | 18745 | 5.5 | 933 | 1460 | 1890 |
| | 5 | 12 | | 17 | 5500 | 13200 | | 11220 | 3.3 | 18700 | 5.5 | 21505 | 6.3 | 1095 | 1500 | 2040 |
| | 5 | 18 | | 23 | 4696 | 16904 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1530 | 2480 |
| | 7 | 7 | | 14 | 8400 | 8400 | | 10080 | 3.0 | 16800 | 4.9 | 19320 | 5.7 | 933 | 1460 | 2280 |
| | 7 | 9 | | 16 | 8400 | 10800 | | 11520 | 3.4 | 19200 | 5.6 | 22080 | 6.5 | 1001 | 1530 | 2410 |
| | 9 | 9 | | 18 | 10800 | 10800 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1580 | 2480 |
| | 7 | 12 | | 19 | 7957 | 13643 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1580 | 2480 |
| | 9 | 12 | | 21 | 9257 | 12343 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1580 | 2480 |
| | 12 | 12 | | 24 | 10800 | 10800 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1580 | 2480 |
| | 7 | 18 | | 25 | 6048 | 15552 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1490 | 2480 |
| | 9 | 18 | | 27 | 7200 | 14400 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1490 | 2480 |
| | 12 | 18 | | 30 | 8640 | 12960 | | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1150 | 1490 | 2480 |
| 3 Unit | 5 | 5 | 5 | 15 | 5500 | 5500 | 5500 | 9900 | 2.9 | 16500 | 4.8 | 18975 | 5.6 | 1095 | 1270 | 2260 |
| | 5 | 5 | 7 | 17 | 5500 | 5500 | 8400 | 11640 | 3.4 | 19400 | 5.7 | 22310 | 6.5 | 1095 | 1310 | 2380 |
| | 5 | 5 | 9 | 19 | 5684 | 5684 | 10232 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 5 | 5 | 12 | 22 | 4909 | 4909 | 11782 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 5 | 7 | 7 | 19 | 5684 | 7958 | 7958 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 5 | 7 | 9 | 21 | 5143 | 7200 | 9257 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 5 | 7 | 12 | 24 | 4500 | 6300 | 10800 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 5 | 9 | 9 | 23 | 4696 | 8452 | 8452 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 5 | 9 | 12 | 26 | 4154 | 7477 | 9969 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 5 | 12 | 12 | 29 | 3724 | 8938 | 8938 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 7 | 7 | 7 | 21 | 7200 | 7200 | 7200 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 7 | 7 | 7 | 21 | 7200 | 7200 | 7200 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 7 | 7 | 9 | 23 | 6574 | 6574 | 8452 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 7 | 9 | 9 | 25 | 6048 | 7776 | 7776 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 7 | 7 | 12 | 26 | 5815 | 5815 | 9969 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 9 | 9 | 9 | 27 | 7200 | 7200 | 7200 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 7 | 9 | 12 | 28 | 5400 | 6943 | 9257 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |
| | 9 | 9 | 12 | 30 | 6480 | 6480 | 8640 | 12960 | 3.8 | 21600 | 6.3 | 24840 | 7.3 | 1095 | 1330 | 2400 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB ; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp. 20°C DB ; outdoor temp. 7°C DB, 6°C WB 3. The total ability of connected a indoor unit is up to 30kBtu/h 4. At least two indoor units should be connected.

# MU3M21 UE0

## MU3M21 UE0

| Operation | Combination (kBtu/h) | | | | Cooling | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Each Capacity (Btu/h) | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | Min | | Rated | | Max | | | | |
| | Unit-A | Unit-B | Unit-C | Total | Unit -A | Unit-B | Unit-C | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 1 Unit | 5 | | | 5 | 5,000 | - | - | 4,800 | 1.4 | 5,000 | 1.5 | 5,500 | 1.6 | 720 | 720 | 810 |
| | 7 | | | 7 | 7,000 | - | - | 6,300 | 1.8 | 7,000 | 2.1 | 7,700 | 2.3 | 720 | 720 | 810 |
| | 9 | | | 9 | 9,000 | - | - | 6,300 | 1.8 | 9,000 | 2.6 | 9,900 | 2.9 | 720 | 850 | 1,030 |
| | 12 | | | 12 | 12,000 | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 672 | 1,120 | 1,510 |
| | 18 | | | 18 | 18,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 1,002 | 1,670 | 2,150 |
| 2 Unit | 5 | 5 | | 10 | 5,000 | 5,000 | - | 6,000 | 1.8 | 10,000 | 2.9 | 11,000 | 3.2 | 756 | 910 | 1,680 |
| | 5 | 7 | | 12 | 5,000 | 7,000 | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 756 | 1,020 | 1,860 |
| | 5 | 9 | | 14 | 5,000 | 9,000 | - | 8,400 | 2.5 | 14,000 | 4.1 | 15,400 | 4.5 | 876 | 1,100 | 2,020 |
| | 7 | 7 | | 14 | 7,000 | 7,000 | - | 8,400 | 2.5 | 14,000 | 4.1 | 15,400 | 4.5 | 756 | 1,100 | 2,020 |
| | 7 | 9 | | 16 | 7,000 | 9,000 | - | 9,600 | 2.8 | 16,000 | 4.7 | 17,600 | 5.2 | 876 | 1,220 | 2,170 |
| | 5 | 12 | | 17 | 5,000 | 12,000 | - | 10,200 | 3.0 | 17,000 | 5.0 | 18,700 | 5.5 | 1,008 | 1,350 | 2,260 |
| | 9 | 9 | | 18 | 9,000 | 9,000 | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 1,002 | 1,510 | 2,560 |
| | 7 | 12 | | 19 | 7,000 | 12,000 | - | 11,400 | 3.3 | 19,000 | 5.6 | 20,900 | 6.1 | 1,008 | 1,640 | 2,710 |
| | 9 | 12 | | 21 | 9,000 | 12,000 | - | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,044 | 1,700 | 2,830 |
| | 5 | 18 | | 23 | 4,565 | 16,435 | - | 13,800 | 4.0 | 21,000 | 6.2 | 23,100 | 6.8 | 1,284 | 1,770 | 2,870 |
| | 12 | 12 | | 24 | 10,500 | 10,500 | - | 13,800 | 4.0 | 21,000 | 6.2 | 23,100 | 6.8 | 1,194 | 1,910 | 2,940 |
| | 7 | 18 | | 25 | 5,880 | 15,120 | - | 14,400 | 4.2 | 21,000 | 6.2 | 23,100 | 6.8 | 1,284 | 1,830 | 2,940 |
| | 9 | 18 | | 27 | 7,000 | 14,000 | - | 14,400 | 4.2 | 21,000 | 6.2 | 23,100 | 6.8 | 1,284 | 1,830 | 2,940 |
| | 12 | 18 | | 30 | 8,400 | 12,600 | - | 14,400 | 4.2 | 21,000 | 6.2 | 23,100 | 6.8 | 1,284 | 1,830 | 2,940 |
| 3Unit | 5 | 5 | 5 | 15 | 5,000 | 5,000 | 5,000 | 9,000 | 2.6 | 15,000 | 4.4 | 18,000 | 5.3 | 1,044 | 1,050 | 2,100 |
| | 5 | 5 | 7 | 17 | 5,000 | 5,000 | 7,000 | 10,200 | 3.0 | 17,000 | 5.0 | 20,400 | 6.0 | 1,044 | 1,260 | 2,410 |
| | 5 | 5 | 9 | 19 | 5,000 | 5,000 | 9,000 | 11,400 | 3.3 | 19,000 | 5.6 | 22,800 | 6.7 | 1,152 | 1,450 | 2,730 |
| | 5 | 7 | 7 | 19 | 5,000 | 7,000 | 7,000 | 11,400 | 3.3 | 19,000 | 5.6 | 22,800 | 6.7 | 1,044 | 1,450 | 2,730 |
| | 5 | 7 | 9 | 21 | 5,000 | 7,000 | 9,000 | 12,600 | 3.7 | 21,000 | 6.2 | 25,000 | 7.3 | 1,152 | 1,540 | 2,820 |
| | 7 | 7 | 7 | 21 | 7,000 | 7,000 | 7,000 | 12,600 | 3.7 | 21,000 | 6.2 | 25,000 | 7.3 | 1,044 | 1,540 | 2,820 |
| | 5 | 5 | 12 | 22 | 4,773 | 4,773 | 11,455 | 13,200 | 3.9 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,850 |
| | 7 | 7 | 9 | 23 | 6,391 | 6,391 | 8,217 | 13,800 | 4.0 | 21,000 | 6.2 | 25,000 | 7.3 | 1,152 | 1,540 | 2,910 |
| | 5 | 9 | 9 | 23 | 4,565 | 8,217 | 8,217 | 13,800 | 4.0 | 21,000 | 6.2 | 25,000 | 7.3 | 1,152 | 1,540 | 2,910 |
| | 5 | 7 | 12 | 24 | 4,375 | 6,125 | 10,500 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 7 | 9 | 9 | 25 | 5,880 | 7,560 | 7,560 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 5 | 9 | 12 | 26 | 4,038 | 7,269 | 9,692 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 7 | 7 | 12 | 26 | 5,654 | 5,654 | 9,692 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 9 | 9 | 9 | 27 | 7,000 | 7,000 | 7,000 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 7 | 9 | 12 | 28 | 5,250 | 6,750 | 9,000 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 5 | 5 | 18 | 28 | 3,750 | 3,750 | 13,500 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,230 | 1,540 | 2,910 |
| | 5 | 12 | 12 | 29 | 3,621 | 8,690 | 8,690 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 5 | 7 | 18 | 30 | 3,500 | 4,900 | 12,600 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,230 | 1,540 | 2,910 |
| | 9 | 9 | 12 | 30 | 6,300 | 6,300 | 8,400 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 7 | 12 | 12 | 31 | 4,742 | 8,129 | 8,129 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,200 | 1,540 | 2,910 |
| | 5 | 9 | 18 | 32 | 3,281 | 5,906 | 11,813 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,230 | 1,540 | 2,910 |
| | 7 | 7 | 18 | 32 | 4,594 | 4,594 | 11,813 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,230 | 1,540 | 2,910 |
| | 9 | 12 | 12 | 33 | 5,727 | 7,636 | 7,636 | 14,400 | 4.2 | 21,000 | 6.2 | 25,000 | 7.3 | 1,230 | 1,540 | 2,910 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB ; outdoor temp. 35°C DB
2. Heating Capacity is based on : indoor temp. 20°C DB ; outdoor temp. 7°C DB, 6°C WB
3. The total ability of connected a indoor unit is up to 33kBtu/h
4. At least two indoor units should be connected.

Combination Table_ MULTI

## MU3M21 UE0

| Operation | Combination (kBtu/h) | | | | Heating | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Each Capacity (Btu/h) | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | Min | | Rated | | Max | | | | |
| | Unit-A | Unit-B | Unit-C | Total | Unit-A | Unit-B | Unit-C | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | | | 5 | 5,500 | | | 5,000 | 1.5 | 5,500 | 1.6 | 6,050 | 1.8 | 840 | 840 | 1,050 |
| | 7 | | | 7 | 8,000 | - | - | 7,560 | 2.2 | 8,000 | 2.3 | 8,800 | 2.6 | 880 | 880 | 1,200 |
| | 9 | | | 9 | 10,000 | - | - | 7,560 | 2.2 | 10,000 | 2.9 | 10,900 | 3.2 | 880 | 1,010 | 1,360 |
| | 12 | | | 12 | 13,200 | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,500 | 4.2 | 880 | 1,370 | 1,900 |
| | 18 | | | 18 | 19,800 | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,800 | 6.4 | 1,200 | 2,080 | 2,730 |
| 2 Unit | 5 | 5 | | 10 | 5,500 | 5,500 | - | 6,600 | 1.9 | 11,000 | 3.2 | 12,100 | 3.5 | 918 | 970 | 1,300 |
| | 5 | 7 | | 12 | 5,500 | 8,400 | - | 8,340 | 2.4 | 13,900 | 4.1 | 15,290 | 4.5 | 918 | 1,160 | 1,850 |
| | 5 | 9 | | 14 | 5,500 | 10,000 | - | 9,300 | 2.7 | 15,500 | 4.5 | 18,500 | 5.4 | 1,038 | 1,400 | 2,200 |
| | 7 | 7 | | 14 | 8,400 | 8,400 | - | 10,080 | 3.0 | 16,800 | 4.9 | 18,500 | 5.4 | 918 | 1,400 | 2,200 |
| | 7 | 9 | | 16 | 8,400 | 10,800 | - | 11,520 | 3.4 | 19,200 | 5.6 | 21,100 | 6.2 | 1,038 | 1,710 | 2,510 |
| | 5 | 12 | | 17 | 5,500 | 13,200 | - | 11,220 | 3.3 | 18,700 | 5.5 | 23,700 | 6.9 | 1,212 | 1,890 | 2,700 |
| | 9 | 9 | | 18 | 10,800 | 10,800 | - | 12,960 | 3.8 | 21,600 | 6.3 | 23,700 | 6.9 | 1,200 | 2,060 | 2,660 |
| | 7 | 12 | | 19 | 8,400 | 14,400 | - | 13,680 | 4.0 | 22,800 | 6.7 | 25,000 | 7.3 | 1,212 | 2,160 | 2,790 |
| | 9 | 12 | | 21 | 10,286 | 13,714 | - | 15,120 | 4.4 | 24,000 | 7.0 | 26,500 | 7.8 | 1,260 | 2,390 | 2,950 |
| | 5 | 18 | | 23 | 5,217 | 18,783 | - | 15,180 | 4.4 | 24,000 | 7.0 | 26,500 | 7.8 | 1,428 | 2,630 | 2,950 |
| | 12 | 12 | | 24 | 12,000 | 12,000 | - | 15,840 | 4.6 | 24,000 | 7.0 | 26,500 | 7.8 | 1,368 | 2,770 | 2,950 |
| | 7 | 18 | | 25 | 6,720 | 17,280 | - | 16,680 | 4.9 | 24,000 | 7.0 | 26,500 | 7.8 | 1,428 | 2,660 | 2,950 |
| | 9 | 18 | | 27 | 8,000 | 16,000 | - | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,428 | 2,660 | 2,950 |
| | 12 | 18 | | 30 | 9,600 | 14,400 | - | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,428 | 2,660 | 2,950 |
| 3Unit | 5 | 5 | 5 | 15 | 5,500 | 5,500 | 5,500 | 9,900 | 2.9 | 16,500 | 4.8 | 18,150 | 5.3 | 1,260 | 1,260 | 2,430 |
| | 5 | 5 | 7 | 17 | 5,500 | 5,500 | 8,400 | 11,640 | 3.4 | 19,400 | 5.7 | 21,340 | 6.3 | 1,260 | 1,530 | 2,540 |
| | 5 | 5 | 9 | 19 | 5,500 | 5,500 | 10,000 | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,278 | 1,750 | 2,680 |
| | 5 | 7 | 7 | 19 | 5,500 | 8,400 | 8,000 | 13,140 | 3.9 | 21,900 | 6.4 | 24,090 | 7.1 | 1,260 | 1,750 | 2,680 |
| | 5 | 7 | 9 | 21 | 5,714 | 8,000 | 10,286 | 14,340 | 4.2 | 24,000 | 7.0 | 26,500 | 7.8 | 1,278 | 1,860 | 2,810 |
| | 7 | 7 | 7 | 21 | 8,000 | 8,000 | 8,000 | 15,120 | 4.4 | 24,000 | 7.0 | 26,500 | 7.8 | 1,260 | 1,630 | 2,810 |
| | 5 | 5 | 12 | 22 | 5,455 | 5,455 | 13,091 | 14,520 | 4.3 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,860 |
| | 7 | 7 | 9 | 23 | 7,304 | 7,304 | 9,391 | 16,560 | 4.9 | 24,000 | 7.0 | 26,500 | 7.8 | 1,278 | 1,630 | 2,930 |
| | 5 | 9 | 9 | 23 | 5,217 | 9,391 | 9,391 | 15,300 | 4.5 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,930 |
| | 5 | 7 | 12 | 24 | 5,000 | 7,000 | 12,000 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 7 | 9 | 9 | 25 | 6,720 | 8,640 | 8,640 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 5 | 9 | 12 | 26 | 4,615 | 8,308 | 11,077 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 7 | 7 | 12 | 26 | 6,462 | 6,462 | 11,077 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 9 | 9 | 9 | 27 | 8,000 | 8,000 | 8,000 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 7 | 9 | 12 | 28 | 6,000 | 7,714 | 10,286 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 5 | 5 | 18 | 28 | 4,286 | 4,286 | 15,429 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 5 | 12 | 12 | 29 | 4,138 | 9,931 | 9,931 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 5 | 7 | 18 | 30 | 4,000 | 5,600 | 14,400 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 9 | 9 | 12 | 30 | 7,200 | 7,200 | 9,600 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 7 | 12 | 12 | 31 | 5,419 | 9,290 | 9,290 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 5 | 9 | 18 | 32 | 3,750 | 6,750 | 13,500 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 7 | 7 | 18 | 32 | 5,250 | 5,250 | 13,500 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |
| | 9 | 12 | 12 | 33 | 6,545 | 8,727 | 8,727 | 17,280 | 5.1 | 24,000 | 7.0 | 26,500 | 7.8 | 1,308 | 1,630 | 2,950 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB ; outdoor temp. 35°C DB
2. Heating Capacity is based on : indoor temp. 20°C DB ; outdoor temp. 7°C DB, 6°C WB
3. The total ability of connected a indoor unit is up to 33kBtu/h
4. At least two indoor units should be connected.

# MU4M25 UE0

## MU4M25 UE0

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | Cooling | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Each Capacity | | | | Total Capacity | | | | | | Input (W) | |
| | | | | | | | | | | Min | | Rating | | Max | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | | | | 5 | 5,000 | - | - | - | 4,800 | 1.4 | 5,000 | 1.5 | 5,500 | 1.6 | 720 | 720 | 810 |
| | 7 | | | | 7 | 7,000 | - | - | - | 6,300 | 1.8 | 7,000 | 2.1 | 7,700 | 2.3 | 720 | 720 | 810 |
| | 9 | | | | 9 | 9,000 | - | - | - | 6,300 | 1.8 | 9,000 | 2.6 | 9,900 | 2.9 | 720 | 850 | 1,030 |
| | 12 | | | | 12 | 12,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 672 | 1,120 | 1,510 |
| | 18 | | | | 18 | 18,000 | - | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 1,002 | 1,670 | 2,150 |
| | 24 | | | | 24 | 24,000 | - | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 25,500 | 7.5 | 1,230 | 2,010 | 3,090 |
| 2 Unit | 5 | 5 | | | 10 | 5,000 | 5,000 | - | - | 6,000 | 1.8 | 10,000 | 2.9 | 11,000 | 3.2 | 756 | 910 | 1,680 |
| | 5 | 7 | | | 12 | 5,000 | 7,000 | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 756 | 1,020 | 1,860 |
| | 5 | 9 | | | 14 | 5,000 | 9,000 | - | - | 8,400 | 2.5 | 14,000 | 4.1 | 15,400 | 4.5 | 876 | 1,100 | 2,020 |
| | 7 | 7 | | | 14 | 7,000 | 7,000 | - | - | 8,400 | 2.5 | 14,000 | 4.1 | 15,400 | 4.5 | 756 | 1,100 | 2,020 |
| | 7 | 9 | | | 16 | 7,000 | 9,000 | - | - | 9,600 | 2.8 | 16,000 | 4.7 | 17,600 | 5.2 | 876 | 1,220 | 2,170 |
| | 5 | 12 | | | 17 | 5,000 | 12,000 | - | - | 10,200 | 3.0 | 17,000 | 5.0 | 18,700 | 5.5 | 1,008 | 1,350 | 2,260 |
| | 9 | 9 | | | 18 | 9,000 | 9,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 1,002 | 1,510 | 2,560 |
| | 7 | 12 | | | 19 | 7,000 | 12,000 | - | - | 11,400 | 3.3 | 19,000 | 5.6 | 20,900 | 6.1 | 1,008 | 1,640 | 2,710 |
| | 9 | 12 | | | 21 | 9,000 | 12,000 | - | - | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,044 | 1,700 | 2,830 |
| | 5 | 18 | | | 23 | 5,000 | 18,000 | - | - | 13,800 | 4.0 | 23,000 | 6.7 | 23,100 | 6.8 | 1,284 | 1,770 | 2,870 |
| | 12 | 12 | | | 24 | 11,500 | 11,500 | - | - | 13,800 | 4.0 | 23,000 | 6.7 | 25,500 | 7.5 | 1,194 | 1,910 | 3,090 |
| | 7 | 18 | | | 25 | 6,720 | 17,280 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 26,500 | 7.8 | 1,284 | 1,830 | 2,980 |
| | 9 | 18 | | | 27 | 8,000 | 16,000 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 27,500 | 8.1 | 1,284 | 1,830 | 2,980 |
| | 5 | 24 | | | 29 | 4,138 | 19,862 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 27,500 | 8.1 | 1,284 | 1,830 | 2,980 |
| | 12 | 18 | | | 30 | 9,600 | 14,400 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,284 | 1,830 | 2,980 |
| | 7 | 24 | | | 31 | 5,419 | 18,581 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,284 | 1,830 | 2,980 |
| | 9 | 24 | | | 33 | 6,545 | 17,455 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,284 | 1,830 | 2,980 |
| | 18 | 18 | | | 36 | 12,000 | 12,000 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,284 | 1,830 | 2,980 |
| | 12 | 24 | | | 36 | 8,000 | 16,000 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,284 | 1,830 | 2,980 |
| 3Unit | 5 | 5 | 5 | | 15 | 5,000 | 5,000 | 5,000 | - | 9,000 | 2.6 | 15,000 | 4.4 | 18,000 | 5.3 | 1,044 | 1,050 | 2,100 |
| | 5 | 5 | 7 | | 17 | 5,000 | 5,000 | 7,000 | - | 10,200 | 3.0 | 17,000 | 5.0 | 20,400 | 6.0 | 1,044 | 1,260 | 2,410 |
| | 5 | 5 | 9 | | 19 | 5,000 | 5,000 | 9,000 | - | 11,400 | 3.3 | 19,000 | 5.6 | 22,800 | 6.7 | 1,152 | 1,450 | 2,730 |
| | 5 | 7 | 7 | | 19 | 5,000 | 7,000 | 7,000 | - | 11,400 | 3.3 | 19,000 | 5.6 | 22,800 | 6.7 | 1,044 | 1,450 | 2,730 |
| | 5 | 7 | 9 | | 21 | 5,000 | 7,000 | 9,000 | - | 12,600 | 3.7 | 21,000 | 6.2 | 25,200 | 7.4 | 1,152 | 1,540 | 2,820 |
| | 7 | 7 | 7 | | 21 | 7,000 | 7,000 | 7,000 | - | 12,600 | 3.7 | 21,000 | 6.2 | 25,200 | 7.4 | 1,044 | 1,540 | 2,820 |
| | 5 | 5 | 12 | | 22 | 5,000 | 5,000 | 12,000 | - | 13,200 | 3.9 | 22,000 | 6.4 | 26,400 | 7.7 | 1,200 | 1,610 | 2,850 |
| | 7 | 7 | 9 | | 23 | 7,000 | 7,000 | 9,000 | - | 13,800 | 4.0 | 23,000 | 6.7 | 27,600 | 8.1 | 1,152 | 1,790 | 2,910 |
| | 5 | 9 | 9 | | 23 | 5,000 | 9,000 | 9,000 | - | 13,800 | 4.0 | 23,000 | 6.7 | 27,600 | 8.1 | 1,152 | 1,790 | 2,910 |
| | 5 | 7 | 12 | | 24 | 5,000 | 7,000 | 12,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 7 | 9 | 9 | | 25 | 6,720 | 8,640 | 8,640 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 5 | 9 | 12 | | 26 | 4,615 | 8,308 | 11,077 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 7 | 7 | 12 | | 26 | 6,462 | 6,462 | 11,077 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 9 | 9 | 9 | | 27 | 8,000 | 8,000 | 8,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 7 | 9 | 12 | | 28 | 6,000 | 7,714 | 10,286 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 5 | 5 | 18 | | 28 | 4,286 | 4,286 | 15,429 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,050 |
| | 5 | 12 | 12 | | 29 | 4,138 | 9,931 | 9,931 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 5 | 7 | 18 | | 30 | 4,000 | 5,600 | 14,400 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 9 | 9 | 12 | | 30 | 7,200 | 7,200 | 9,600 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 7 | 12 | 12 | | 31 | 5,419 | 9,290 | 9,290 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,200 | 1,820 | 3,050 |
| | 5 | 9 | 18 | | 32 | 3,750 | 6,750 | 13,500 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 7 | 7 | 18 | | 32 | 5,250 | 5,250 | 13,500 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 9 | 12 | 12 | | 33 | 6,545 | 8,727 | 8,727 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,050 |
| | 7 | 9 | 18 | | 34 | 4,941 | 6,353 | 12,706 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 5 | 5 | 24 | | 34 | 3,529 | 3,529 | 16,941 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 5 | 12 | 18 | | 35 | 3,429 | 8,229 | 12,343 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 5 | 7 | 24 | | 36 | 3,333 | 4,667 | 16,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 12 | 12 | 12 | | 36 | 8,000 | 8,000 | 8,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,050 |
| | 9 | 9 | 18 | | 36 | 6,000 | 6,000 | 12,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 7 | 12 | 18 | | 37 | 4,541 | 7,784 | 11,676 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 5 | 9 | 24 | | 38 | 3,158 | 5,684 | 15,158 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 7 | 7 | 24 | | 38 | 4,421 | 4,421 | 15,158 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| | 9 | 12 | 18 | | 39 | 5,538 | 7,385 | 11,077 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,230 | 1,820 | 3,020 |
| 4Unit | 5 | 5 | 5 | 5 | 20 | 5,000 | 5,000 | 5,000 | 5,000 | 12,000 | 3.5 | 20,000 | 5.9 | 24,000 | 7.0 | 1,194 | 1,470 | 2,700 |
| | 5 | 5 | 5 | 7 | 22 | 5,000 | 5,000 | 5,000 | 7,000 | 13,200 | 3.9 | 22,000 | 6.4 | 26,400 | 7.7 | 1,194 | 1,590 | 2,830 |
| | 5 | 5 | 5 | 9 | 24 | 5,000 | 5,000 | 5,000 | 9,000 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 7 | 7 | 24 | 5,000 | 5,000 | 7,000 | 7,000 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 7 | 9 | 26 | 4,615 | 4,615 | 6,462 | 8,308 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 7 | 7 | 26 | 4,615 | 6,462 | 6,462 | 6,462 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 5 | 12 | 27 | 4,444 | 4,444 | 4,444 | 10,667 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 9 | 9 | 28 | 4,286 | 4,286 | 7,714 | 7,714 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 7 | 9 | 28 | 4,286 | 6,000 | 6,000 | 7,714 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 7 | 7 | 7 | 7 | 28 | 6,000 | 6,000 | 6,000 | 6,000 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 7 | 12 | 29 | 4,138 | 4,138 | 5,793 | 9,931 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 9 | 9 | 30 | 4,000 | 5,600 | 7,200 | 7,200 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 7 | 7 | 9 | 30 | 5,600 | 5,600 | 5,600 | 7,200 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 9 | 12 | 31 | 3,871 | 3,871 | 6,968 | 9,290 | 14,400 | 4.2 | 24,000 | 7.0 | 28,500 | 8.4 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 7 | 12 | 31 | 3,871 | 5,419 | 5,419 | 9,290 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 7 | 9 | 9 | 32 | 5,250 | 5,250 | 6,750 | 6,750 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 9 | 9 | 9 | 32 | 3,750 | 6,750 | 6,750 | 6,750 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 5 | 18 | 33 | 3,636 | 3,636 | 3,636 | 13,091 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 9 | 12 | 33 | 3,636 | 5,091 | 6,545 | 8,727 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 7 | 7 | 12 | 33 | 5,091 | 5,091 | 5,091 | 8,727 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 12 | 12 | 34 | 3,529 | 3,529 | 8,471 | 8,471 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 9 | 9 | 9 | 34 | 4,941 | 6,353 | 6,353 | 6,353 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 7 | 18 | 35 | 3,429 | 3,429 | 4,800 | 12,343 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 9 | 9 | 12 | 35 | 3,429 | 6,171 | 6,171 | 8,229 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 7 | 9 | 12 | 35 | 4,800 | 4,800 | 6,171 | 8,229 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 12 | 12 | 36 | 3,333 | 4,667 | 8,000 | 8,000 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 9 | 9 | 9 | 9 | 36 | 6,000 | 6,000 | 6,000 | 6,000 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 9 | 18 | 37 | 3,243 | 3,243 | 5,838 | 11,676 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 7 | 18 | 37 | 3,243 | 4,541 | 4,541 | 11,676 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 9 | 9 | 12 | 37 | 4,541 | 5,838 | 5,838 | 7,784 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 7 | 12 | 12 | 38 | 4,421 | 4,421 | 7,579 | 7,579 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 5 | 5 | 24 | 39 | 3,077 | 3,077 | 3,077 | 14,769 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 5 | 7 | 9 | 18 | 39 | 3,077 | 4,308 | 5,538 | 11,077 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 9 | 9 | 9 | 12 | 39 | 5,538 | 5,538 | 5,538 | 7,385 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |
| | 7 | 7 | 7 | 18 | 39 | 4,308 | 4,308 | 4,308 | 11,077 | 14,400 | 4.2 | 24,000 | 7.0 | 29,000 | 8.5 | 1,194 | 1,770 | 3,010 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB ; outdoor temp. 35°C DB
2. Heating Capacity is based on : indoor temp. 20°C DB ; outdoor temp. 7°C DB, 6°C WB
3. The total ability of connected a indoor unit is up to 39kBtu/h
4. At least two indoor units should be connected.

Combination Table_ MULTI

## MU4M25 UE0

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | Heating | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Each Capacity | | | | Total Capacity | | | | | | Input (W) | |
| | | | | | | | | | | Min | | Rating | | Max | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | | | | 5 | 5,500 | | | | 5,000 | 1.5 | 5,500 | 1.6 | 6,050 | 1.8 | 840 | 840 | 1,050 |
| | 7 | | | | 7 | 8,000 | - | - | - | 7,560 | 2.2 | 8,000 | 2.3 | 8,800 | 2.6 | 880 | 880 | 1,200 |
| | 9 | | | | 9 | 10,000 | - | - | - | 7,560 | 2.2 | 10,000 | 2.9 | 10,900 | 3.2 | 880 | 1,010 | 1,360 |
| | 12 | | | | 12 | 13,200 | - | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,500 | 4.2 | 880 | 1,370 | 1,900 |
| | 18 | | | | 18 | 19,800 | - | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,800 | 6.4 | 1,200 | 2,080 | 2,730 |
| | 24 | | | | 24 | 25,400 | - | - | - | 15,240 | 4.5 | 25,400 | 7.4 | 26,600 | 7.8 | 1,368 | 2,770 | 3,100 |
| 2 Unit | 5 | 5 | | | 10 | 5,500 | 5,500 | - | - | 6,600 | 1.9 | 11,000 | 3.2 | 12,100 | 3.5 | 918 | 970 | 1,300 |
| | 5 | 7 | | | 12 | 5,500 | 8,400 | - | - | 8,340 | 2.4 | 13,900 | 4.1 | 15,290 | 4.5 | 918 | 1,160 | 1,850 |
| | 5 | 9 | | | 14 | 5,500 | 10,000 | - | - | 9,300 | 2.7 | 15,500 | 4.5 | 18,500 | 5.4 | 1,038 | 1,400 | 2,200 |
| | 7 | 7 | | | 14 | 8,400 | 8,400 | - | - | 10,080 | 3.0 | 16,800 | 4.9 | 18,500 | 5.4 | 918 | 1,400 | 2,200 |
| | 7 | 9 | | | 16 | 8,400 | 10,800 | - | - | 11,520 | 3.4 | 19,200 | 5.6 | 21,100 | 6.2 | 1,038 | 1,710 | 2,510 |
| | 5 | 12 | | | 17 | 5,500 | 13,200 | - | - | 11,220 | 3.3 | 18,700 | 5.5 | 23,700 | 6.9 | 1,212 | 1,890 | 2,700 |
| | 9 | 9 | | | 18 | 10,800 | 10,800 | - | - | 12,960 | 3.8 | 21,600 | 6.3 | 23,700 | 6.9 | 1,200 | 2,060 | 2,660 |
| | 7 | 12 | | | 19 | 8,400 | 14,400 | - | - | 13,680 | 4.0 | 22,800 | 6.7 | 25,000 | 7.3 | 1,212 | 2,160 | 2,790 |
| | 9 | 12 | | | 21 | 10,800 | 14,400 | - | - | 15,120 | 4.4 | 25,200 | 7.4 | 27,700 | 8.1 | 1,260 | 2,390 | 3,010 |
| | 5 | 18 | | | 23 | 5,500 | 19,800 | - | - | 15,180 | 4.4 | 25,300 | 7.4 | 27,830 | 8.2 | 1,428 | 2,630 | 3,050 |
| | 12 | 12 | | | 24 | 13,200 | 13,200 | - | - | 15,840 | 4.6 | 26,400 | 7.7 | 29,040 | 8.5 | 1,368 | 2,770 | 3,100 |
| | 7 | 18 | | | 25 | 7,784 | 20,016 | - | - | 16,680 | 4.9 | 27,800 | 8.1 | 30,000 | 8.8 | 1,428 | 2,660 | 3,050 |
| | 9 | 18 | | | 27 | 9,600 | 19,200 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,428 | 2,660 | 3,050 |
| | 5 | 24 | | | 29 | 4,966 | 23,834 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,428 | 2,660 | 3,050 |
| | 12 | 18 | | | 30 | 11,520 | 17,280 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,428 | 2,660 | 3,050 |
| | 7 | 24 | | | 31 | 6,503 | 22,297 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,428 | 2,660 | 3,050 |
| | 9 | 24 | | | 33 | 7,855 | 20,945 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,428 | 2,660 | 3,050 |
| | 18 | 18 | | | 36 | 14,400 | 14,400 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,428 | 2,660 | 3,050 |
| | 12 | 24 | | | 36 | 9,600 | 19,200 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,428 | 2,660 | 3,050 |
| 3Unit | 5 | 5 | 5 | | 15 | 5,500 | 5,500 | 5,500 | | 9,900 | 2.9 | 16,500 | 4.8 | 18,150 | 5.3 | 1,260 | 1,260 | 2,430 |
| | 5 | 5 | 7 | | 17 | 5,500 | 5,500 | 8,400 | | 11,640 | 3.4 | 19,400 | 5.7 | 21,340 | 6.3 | 1,260 | 1,530 | 2,540 |
| | 5 | 5 | 9 | | 19 | 5,500 | 5,500 | 10,000 | | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,278 | 1,750 | 2,680 |
| | 5 | 7 | 7 | | 19 | 5,500 | 8,400 | 8,000 | | 13,140 | 3.9 | 21,900 | 6.4 | 24,090 | 7.1 | 1,260 | 1,750 | 2,680 |
| | 5 | 7 | 9 | | 21 | 5,500 | 8,400 | 10,000 | | 14,340 | 4.2 | 23,900 | 7.0 | 26,290 | 7.7 | 1,278 | 1,860 | 2,810 |
| | 7 | 7 | 7 | | 21 | 8,400 | 8,400 | 8,400 | | 15,120 | 4.4 | 25,200 | 7.4 | 27,700 | 8.1 | 1,260 | 1,860 | 2,810 |
| | 5 | 5 | 12 | | 22 | 5,500 | 5,500 | 13,200 | | 14,520 | 4.3 | 24,200 | 7.1 | 26,620 | 7.8 | 1,308 | 1,950 | 2,860 |
| | 7 | 7 | 9 | | 23 | 8,400 | 8,400 | 10,800 | | 16,560 | 4.9 | 27,600 | 8.1 | 30,000 | 8.8 | 1,278 | 2,020 | 2,980 |
| | 5 | 9 | 9 | | 23 | 5,500 | 10,000 | 10,000 | | 15,300 | 4.5 | 25,500 | 7.5 | 28,050 | 8.2 | 1,308 | 2,020 | 2,980 |
| | 5 | 7 | 12 | | 24 | 6,000 | 8,400 | 14,400 | | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,308 | 2,110 | 3,090 |
| | 7 | 9 | 9 | | 25 | 8,064 | 10,368 | 10,368 | | 17,280 | 5.1 | 28,800 | 8.4 | 30,000 | 8.8 | 1,308 | 2,110 | 3,090 |
| | 5 | 9 | 12 | | 26 | 5,538 | 9,969 | 13,292 | | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,308 | 2,110 | 3,090 |
| | 7 | 7 | 12 | | 26 | 7,754 | 7,754 | 13,292 | | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,308 | 2,110 | 3,090 |
| | 9 | 9 | 9 | | 27 | 9,600 | 9,600 | 9,600 | | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,308 | 2,110 | 3,090 |
| | 7 | 9 | 12 | | 28 | 7,200 | 9,257 | 12,343 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,110 | 3,090 |
| | 5 | 5 | 18 | | 28 | 5,143 | 5,143 | 18,514 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 5 | 12 | 12 | | 29 | 4,966 | 11,917 | 11,917 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,110 | 3,090 |
| | 5 | 7 | 18 | | 30 | 4,800 | 6,720 | 17,280 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 9 | 9 | 12 | | 30 | 8,640 | 8,640 | 11,520 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,110 | 3,090 |
| | 7 | 12 | 12 | | 31 | 6,503 | 11,148 | 11,148 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,110 | 3,090 |
| | 5 | 9 | 18 | | 32 | 4,500 | 8,100 | 16,200 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 7 | 7 | 18 | | 32 | 6,300 | 6,300 | 16,200 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 9 | 12 | 12 | | 33 | 7,855 | 10,473 | 10,473 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,110 | 3,090 |
| | 7 | 9 | 18 | | 34 | 5,929 | 7,624 | 15,247 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 5 | 5 | 24 | | 34 | 4,235 | 4,235 | 20,329 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 5 | 12 | 18 | | 35 | 4,114 | 9,874 | 14,811 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 5 | 7 | 24 | | 36 | 4,000 | 5,600 | 19,200 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 12 | 12 | 12 | | 36 | 9,600 | 9,600 | 9,600 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,110 | 3,090 |
| | 9 | 9 | 18 | | 36 | 7,200 | 7,200 | 14,400 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 7 | 12 | 18 | | 37 | 5,449 | 9,341 | 14,011 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 5 | 9 | 24 | | 38 | 3,789 | 6,821 | 18,189 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 7 | 7 | 24 | | 38 | 5,305 | 5,305 | 18,189 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| | 9 | 12 | 18 | | 39 | 6,646 | 8,862 | 13,292 | | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,308 | 2,080 | 3,090 |
| 4Unit | 5 | 5 | 5 | 5 | 20 | 5,500 | 5,500 | 5,500 | 5,500 | 13,200 | 3.9 | 22,000 | 6.4 | 24,200 | 7.1 | 1,176 | 1,650 | 2,710 |
| | 5 | 5 | 5 | 7 | 22 | 5,500 | 5,500 | 5,500 | 8,000 | 14,700 | 4.3 | 24,500 | 7.2 | 26,950 | 7.9 | 1,176 | 1,760 | 2,890 |
| | 5 | 5 | 5 | 9 | 24 | 5,500 | 5,500 | 5,500 | 9,900 | 15,840 | 4.6 | 26,400 | 7.7 | 29,040 | 8.5 | 1,176 | 1,850 | 3,060 |
| | 5 | 5 | 7 | 7 | 24 | 5,500 | 5,500 | 7,700 | 7,700 | 15,840 | 4.6 | 26,400 | 7.7 | 29,040 | 8.5 | 1,176 | 1,850 | 3,060 |
| | 5 | 5 | 7 | 9 | 26 | 5,538 | 5,538 | 7,754 | 9,969 | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,176 | 1,850 | 3,060 |
| | 5 | 7 | 7 | 7 | 26 | 5,538 | 7,754 | 7,754 | 7,754 | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,176 | 1,850 | 3,060 |
| | 5 | 5 | 5 | 12 | 27 | 5,333 | 5,333 | 5,333 | 12,800 | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,176 | 1,850 | 3,060 |
| | 5 | 5 | 9 | 9 | 28 | 5,143 | 5,143 | 9,257 | 9,257 | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,176 | 1,850 | 3,060 |
| | 5 | 7 | 7 | 9 | 28 | 5,143 | 7,200 | 7,200 | 9,257 | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,176 | 1,850 | 3,060 |
| | 7 | 7 | 7 | 7 | 28 | 7,200 | 7,200 | 7,200 | 7,200 | 17,280 | 5.1 | 28,800 | 8.4 | 31,500 | 9.2 | 1,176 | 1,850 | 3,060 |
| | 5 | 5 | 7 | 12 | 29 | 4,966 | 4,966 | 6,952 | 11,917 | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,176 | 1,850 | 3,060 |
| | 5 | 7 | 9 | 9 | 30 | 4,800 | 6,720 | 8,640 | 8,640 | 17,280 | 5.1 | 28,800 | 8.4 | 32,000 | 9.4 | 1,176 | 1,850 | 3,060 |
| | 7 | 7 | 7 | 9 | 30 | 6,720 | 6,

# MU4M27 U40

## MU4M27 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | Cooling | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Each Capacity | | | | | Total Capacity | | | | | | Input( W) | | |
| | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | | | | 5 | 5,000 | - | - | - | - | 4,500 | 1.3 | 5,000 | 1.5 | 5,500 | 1.6 | 720 | 720 | 790 |
| | 7 | | | | 7 | 7,000 | - | - | - | - | 6,300 | 1.8 | 7,000 | 2.1 | 7,700 | 2.3 | 720 | 720 | 790 |
| | 9 | | | | 9 | 9,000 | - | - | - | - | 6,300 | 1.8 | 9,000 | 2.6 | 9,900 | 2.9 | 720 | 820 | 1,000 |
| | 12 | | | | 12 | 12,000 | - | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 774 | 1,070 | 1,480 |
| | 18 | | | | 18 | 18,000 | - | - | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 1,209 | 1,610 | 2,110 |
| | 24 | | | | 24 | 24,000 | - | - | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 25,500 | 7.5 | 1,650 | 1,920 | 3,060 |
| 2 Unit | 5 | 5 | | | 10 | 5,000 | 5,000 | - | - | - | 6,000 | 1.8 | 10,000 | 2.9 | 11,500 | 3.4 | 834 | 910 | 1,720 |
| | 5 | 7 | | | 12 | 5,000 | 7,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,800 | 4.0 | 834 | 1,020 | 1,910 |
| | 5 | 9 | | | 14 | 5,000 | 9,000 | - | - | - | 8,400 | 2.5 | 14,000 | 4.1 | 16,100 | 4.7 | 1,094 | 1,100 | 2,040 |
| | 7 | 7 | | | 14 | 7,000 | 7,000 | - | - | - | 8,400 | 2.5 | 14,000 | 4.1 | 16,100 | 4.7 | 834 | 1,100 | 2,040 |
| | 7 | 9 | | | 16 | 7,000 | 9,000 | - | - | - | 9,600 | 2.8 | 16,000 | 4.7 | 18,400 | 5.4 | 1,094 | 1,220 | 2,190 |
| | 5 | 12 | | | 17 | 5,000 | 12,000 | - | - | - | 10,200 | 3.0 | 17,000 | 5.0 | 18,700 | 5.5 | 1,311 | 1,350 | 2,270 |
| | 9 | 9 | | | 18 | 9,000 | 9,000 | - | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 20,700 | 6.1 | 1,265 | 1,510 | 2,570 |
| | 7 | 12 | | | 19 | 7,000 | 12,000 | - | - | - | 11,400 | 3.3 | 19,000 | 5.6 | 20,900 | 6.1 | 1,311 | 1,640 | 2,730 |
| | 9 | 12 | | | 21 | 9,000 | 12,000 | - | - | - | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,490 | 1,700 | 2,850 |
| | 5 | 18 | | | 23 | 5,000 | 18,000 | - | - | - | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,746 | 1,770 | 2,890 |
| | 12 | 12 | | | 24 | 12,000 | 12,000 | - | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 26,400 | 7.7 | 1,653 | 1,910 | 3,070 |
| | 7 | 18 | | | 25 | 7,000 | 18,000 | - | - | - | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,746 | 2,030 | 3,100 |
| | 9 | 18 | | | 27 | 9,000 | 18,000 | - | - | - | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,893 | 2,240 | 3,120 |
| | 5 | 24 | | | 29 | 4,655 | 22,345 | - | - | - | 17,400 | 5.1 | 27,000 | 7.9 | 31,050 | 9.1 | 1,979 | 2,420 | 3,120 |
| | 12 | 18 | | | 30 | 10,800 | 16,200 | - | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,979 | 2,510 | 3,120 |
| | 7 | 24 | | | 31 | 6,097 | 20,903 | - | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,979 | 2,510 | 3,120 |
| | 9 | 24 | | | 33 | 7,364 | 19,636 | - | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,979 | 2,510 | 3,120 |
| | 18 | 18 | | | 36 | 13,500 | 13,500 | - | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,979 | 2,510 | 3,120 |
| | 12 | 24 | | | 36 | 9,000 | 18,000 | - | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,979 | 2,510 | 3,120 |
| 3 Unit | 5 | 5 | 5 | | 15 | 5,000 | 5,000 | 5,000 | - | - | 9,000 | 2.6 | 15,000 | 4.4 | 17,250 | 5.1 | 1,050 | 1,050 | 2,100 |
| | 5 | 5 | 7 | | 17 | 5,000 | 5,000 | 7,000 | - | - | 10,200 | 3.0 | 17,000 | 5.0 | 19,550 | 5.7 | 1,260 | 1,260 | 2,410 |
| | 5 | 5 | 9 | | 19 | 5,000 | 5,000 | 9,000 | - | - | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,450 | 1,450 | 2,730 |
| | 5 | 7 | 7 | | 19 | 5,000 | 7,000 | 7,000 | - | - | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,450 | 1,450 | 2,730 |
| | 5 | 7 | 9 | | 21 | 5,000 | 7,000 | 9,000 | - | - | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,490 | 1,540 | 2,820 |
| | 7 | 7 | 7 | | 21 | 7,000 | 7,000 | 7,000 | - | - | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,490 | 1,540 | 2,820 |
| | 5 | 5 | 12 | | 22 | 5,000 | 5,000 | 12,000 | - | - | 13,200 | 3.9 | 22,000 | 6.4 | 25,300 | 7.4 | 1,550 | 1,610 | 2,850 |
| | 7 | 7 | 9 | | 23 | 7,000 | 7,000 | 9,000 | - | - | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,575 | 1,790 | 2,910 |
| | 5 | 9 | 9 | | 23 | 5,000 | 9,000 | 9,000 | - | - | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,746 | 1,790 | 2,910 |
| | 5 | 7 | 12 | | 24 | 5,000 | 7,000 | 12,000 | - | - | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,800 | 1,820 | 3,050 |
| | 7 | 9 | 9 | | 25 | 7,000 | 9,000 | 9,000 | - | - | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,746 | 1,930 | 3,070 |
| | 5 | 9 | 12 | | 26 | 5,000 | 9,000 | 12,000 | - | - | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,909 | 2,030 | 3,080 |
| | 7 | 7 | 12 | | 26 | 7,000 | 7,000 | 12,000 | - | - | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,800 | 2,030 | 3,080 |
| | 9 | 9 | 9 | | 27 | 9,000 | 9,000 | 9,000 | - | - | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,893 | 2,120 | 3,100 |
| | 7 | 9 | 12 | | 28 | 6,750 | 8,679 | 11,571 | - | - | 16,800 | 4.9 | 27,000 | 7.9 | 31,050 | 9.1 | 1,909 | 2,220 | 3,120 |
| | 5 | 5 | 18 | | 28 | 4,821 | 4,821 | 17,357 | - | - | 16,800 | 4.9 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,220 | 3,120 |
| | 5 | 12 | 12 | | 29 | 4,655 | 11,172 | 11,172 | - | - | 17,400 | 5.1 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,330 | 3,120 |
| | 5 | 7 | 18 | | 30 | 4,500 | 6,300 | 16,200 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 9 | 9 | 12 | | 30 | 8,100 | 8,100 | 10,800 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 7 | 12 | 12 | | 31 | 6,097 | 10,452 | 10,452 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 5 | 9 | 18 | | 32 | 4,219 | 7,594 | 15,188 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 7 | 7 | 18 | | 32 | 5,906 | 5,906 | 15,188 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 9 | 12 | 12 | | 33 | 7,364 | 9,818 | 9,818 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 7 | 9 | 18 | | 34 | 5,559 | 7,147 | 14,294 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 5 | 5 | 24 | | 34 | 3,971 | 3,971 | 19,059 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 5 | 12 | 18 | | 35 | 3,857 | 9,257 | 13,886 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 5 | 7 | 24 | | 36 | 3,750 | 5,250 | 18,000 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 12 | 12 | 12 | | 36 | 9,000 | 9,000 | 9,000 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 9 | 9 | 18 | | 36 | 6,750 | 6,750 | 13,500 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 7 | 12 | 18 | | 37 | 5,108 | 8,757 | 13,135 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 5 | 9 | 24 | | 38 | 3,553 | 6,395 | 17,053 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 7 | 7 | 24 | | 38 | 4,974 | 4,974 | 17,053 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 9 | 12 | 18 | | 39 | 6,231 | 8,308 | 12,462 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 7 | 9 | 24 | | 40 | 4,725 | 6,075 | 16,200 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 5 | 12 | 24 | | 41 | 3,293 | 7,902 | 15,805 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |
| | 5 | 18 | 18 | | 41 | 3,293 | 11,854 | 11,854 | - | - | 18,000 | 5.3 | 27,000 | 7.9 | 31,050 | 9.1 | 1,948 | 2,420 | 3,120 |

Combination Table_ MULTI

## MU4M27 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Cooling | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | | Total Capacity | | | | | | Input( W) | | |
| | | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 4 Unit | 5 | 5 | 5 | 5 | | 20 | 5,000 | 5,000 | 5,000 | 5,000 | - | 12,000 | 3.5 | 20,000 | 5.9 | 24,000 | 7.0 | 1,370 | 1,470 | 2,257 |
| | 5 | 5 | 5 | 7 | | 22 | 5,000 | 5,000 | 5,000 | 7,000 | - | 13,200 | 3.9 | 22,000 | 6.4 | 26,400 | 7.7 | 1,480 | 1,580 | 2,448 |
| | 5 | 5 | 5 | 9 | | 24 | 5,000 | 5,000 | 5,000 | 9,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,580 | 1,680 | 2,633 |
| | 5 | 5 | 7 | 7 | | 24 | 5,000 | 5,000 | 7,000 | 7,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,580 | 1,680 | 2,718 |
| | 5 | 5 | 7 | 9 | | 26 | 5,000 | 5,000 | 7,000 | 9,000 | - | 15,600 | 4.6 | 26,000 | 7.6 | 31,200 | 9.1 | 1,740 | 1,840 | 2,850 |
| | 5 | 7 | 7 | 7 | | 26 | 5,000 | 7,000 | 7,000 | 7,000 | - | 15,600 | 4.6 | 26,000 | 7.6 | 31,200 | 9.1 | 1,740 | 1,840 | 2,920 |
| | 5 | 5 | 5 | 12 | | 27 | 5,000 | 5,000 | 5,000 | 12,000 | - | 16,200 | 4.7 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,010 |
| | 5 | 5 | 9 | 9 | | 28 | 4,821 | 4,821 | 8,679 | 8,679 | - | 16,800 | 4.9 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,100 |
| | 5 | 7 | 7 | 9 | | 28 | 4,821 | 6,750 | 6,750 | 8,679 | - | 16,800 | 4.9 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,100 |
| | 7 | 7 | 7 | 7 | | 28 | 6,750 | 6,750 | 6,750 | 6,750 | - | 16,800 | 4.9 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,100 |
| | 5 | 5 | 7 | 12 | | 29 | 4,655 | 4,655 | 6,517 | 11,172 | - | 17,400 | 5.1 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 7 | 9 | 9 | | 30 | 4,500 | 6,300 | 8,100 | 8,100 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 7 | 7 | 9 | | 30 | 6,300 | 6,300 | 6,300 | 8,100 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 5 | 9 | 12 | | 31 | 4,355 | 4,355 | 7,839 | 10,452 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 7 | 7 | 12 | | 31 | 4,355 | 6,097 | 6,097 | 10,452 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 7 | 9 | 9 | | 32 | 5,906 | 5,906 | 7,594 | 7,594 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 9 | 9 | 9 | | 32 | 4,219 | 7,594 | 7,594 | 7,594 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 5 | 5 | 18 | | 33 | 4,091 | 4,091 | 4,091 | 14,727 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 7 | 9 | 12 | | 33 | 4,091 | 5,727 | 7,364 | 9,818 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 7 | 7 | 12 | | 33 | 5,727 | 5,727 | 5,727 | 9,818 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 5 | 12 | 12 | | 34 | 3,971 | 3,971 | 9,529 | 9,529 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 9 | 9 | 9 | | 34 | 5,559 | 7,147 | 7,147 | 7,147 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 5 | 7 | 18 | | 35 | 3,857 | 3,857 | 5,400 | 13,886 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 9 | 9 | 12 | | 35 | 3,857 | 6,943 | 6,943 | 9,257 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 7 | 9 | 12 | | 35 | 5,400 | 5,400 | 6,943 | 9,257 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 7 | 12 | 12 | | 36 | 3,750 | 5,250 | 9,000 | 9,000 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 9 | 9 | 9 | 9 | | 36 | 6,750 | 6,750 | 6,750 | 6,750 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 5 | 9 | 18 | | 37 | 3,649 | 3,649 | 6,568 | 13,135 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 7 | 7 | 18 | | 37 | 3,649 | 5,108 | 5,108 | 13,135 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 9 | 9 | 12 | | 37 | 5,108 | 6,568 | 6,568 | 8,757 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 7 | 12 | 12 | | 38 | 4,974 | 4,974 | 8,526 | 8,526 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 5 | 5 | 24 | | 39 | 3,462 | 3,462 | 3,462 | 16,615 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 7 | 9 | 18 | | 39 | 3,462 | 4,846 | 6,231 | 12,462 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 9 | 9 | 9 | 12 | | 39 | 6,231 | 6,231 | 6,231 | 8,308 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 7 | 7 | 18 | | 39 | 4,846 | 4,846 | 4,846 | 12,462 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 9 | 12 | 12 | | 40 | 4,725 | 6,075 | 8,100 | 8,100 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 5 | 7 | 24 | | 41 | 3,293 | 3,293 | 4,610 | 15,805 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 5 | 12 | 12 | 12 | | 41 | 3,293 | 7,902 | 7,902 | 7,902 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |
| | 7 | 7 | 9 | 18 | | 41 | 4,610 | 4,610 | 5,927 | 11,854 | - | 18,000 | 5.3 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,120 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB ; outdoor temp. 35°C DB
2. Heating Capacity is based on : indoor temp. 20°C DB ; outdoor temp. 7°C DB, 6°C WB
3. The total ability of connected a indoor unit is up to 41kBtu/h
4. At least two indoor units should be connected.

# MU4M27 U40

## MU4M27 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Heating | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | Total Capacity | | | | | | Input( W) | | |
| | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | | | | | 5 | 5,500 | - | - | - | - | 5,000 | 1.5 | 5,500 | 1.6 | 6,050 | 1.8 | 840 | 840 | 1,440 |
| | 7 | | | | | 7 | 8,000 | - | - | - | - | 7,560 | 2.2 | 8,000 | 2.3 | 8,800 | 2.6 | 880 | 880 | 1,440 |
| | 9 | | | | | 9 | 10,000 | - | - | - | - | 7,560 | 2.2 | 10,000 | 2.9 | 11,000 | 3.2 | 978 | 1,010 | 1,630 |
| | 12 | | | | | 12 | 13,200 | - | - | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,520 | 4.3 | 1,273 | 1,370 | 2,250 |
| | 18 | | | | | 18 | 19,800 | - | - | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,780 | 6.4 | 1,901 | 2,080 | 3,310 |
| | 24 | | | | | 24 | 25,400 | - | - | - | - | 15,240 | 4.5 | 25,400 | 7.4 | 26,600 | 7.8 | 2,569 | 2,770 | 3,870 |
| 2 Unit | 5 | 5 | | | | 10 | 6,000 | 6,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,800 | 4.0 | 970 | 970 | 1,850 |
| | 5 | 7 | | | | 12 | 6,000 | 8,400 | - | - | - | 8,640 | 2.5 | 14,400 | 4.2 | 16,560 | 4.9 | 1,160 | 1,160 | 2,160 |
| | 5 | 9 | | | | 14 | 6,000 | 10,800 | - | - | - | 10,080 | 3.0 | 16,800 | 4.9 | 19,320 | 5.7 | 1,366 | 1,400 | 2,557 |
| | 7 | 7 | | | | 14 | 8,400 | 8,400 | - | - | - | 10,080 | 3.0 | 16,800 | 4.9 | 19,320 | 5.7 | 1,249 | 1,400 | 2,557 |
| | 7 | 9 | | | | 16 | 8,400 | 10,800 | - | - | - | 11,520 | 3.4 | 19,200 | 5.6 | 22,080 | 6.5 | 1,366 | 1,710 | 3,100 |
| | 5 | 12 | | | | 17 | 6,000 | 14,400 | - | - | - | 12,240 | 3.6 | 20,400 | 6.0 | 22,440 | 6.6 | 1,311 | 1,890 | 3,403 |
| | 9 | 9 | | | | 18 | 10,800 | 10,800 | - | - | - | 12,960 | 3.8 | 21,600 | 6.3 | 24,840 | 7.3 | 1,606 | 2,060 | 3,587 |
| | 7 | 12 | | | | 19 | 8,400 | 14,400 | - | - | - | 13,680 | 4.0 | 22,800 | 6.7 | 25,080 | 7.4 | 1,886 | 2,160 | 3,383 |
| | 9 | 12 | | | | 21 | 10,800 | 14,400 | - | - | - | 15,120 | 4.4 | 25,200 | 7.4 | 27,720 | 8.1 | 2,320 | 2,390 | 3,390 |
| | 5 | 18 | | | | 23 | 6,000 | 21,600 | - | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 31,740 | 9.3 | 1,746 | 2,630 | 3,450 |
| | 12 | 12 | | | | 24 | 14,400 | 14,400 | - | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 31,680 | 9.3 | 2,522 | 2,770 | 3,540 |
| | 7 | 18 | | | | 25 | 8,400 | 21,600 | - | - | - | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 2,631 | 2,810 | 3,600 |
| | 9 | 18 | | | | 27 | 10,333 | 20,667 | - | - | - | 19,440 | 5.7 | 31,000 | 9.1 | 34,100 | 10.0 | 2,770 | 2,900 | 3,680 |
| | 5 | 24 | | | | 29 | 5,345 | 25,655 | - | - | - | 20,010 | 5.9 | 31,000 | 9.1 | 34,100 | 10.0 | 1,979 | 3,010 | 3,680 |
| | 12 | 18 | | | | 30 | 12,400 | 18,600 | - | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,100 | 10.0 | 2,957 | 3,090 | 3,680 |
| | 7 | 24 | | | | 31 | 7,000 | 24,000 | - | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,100 | 10.0 | 2,957 | 3,090 | 3,680 |
| | 9 | 24 | | | | 33 | 8,455 | 22,545 | - | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,100 | 10.0 | 2,957 | 3,090 | 3,680 |
| | 18 | 18 | | | | 36 | 15,500 | 15,500 | - | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,100 | 10.0 | 2,910 | 3,090 | 3,680 |
| | 12 | 24 | | | | 36 | 10,333 | 20,667 | - | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,100 | 10.0 | 2,910 | 3,090 | 3,680 |
| 3 Unit | 5 | 5 | 5 | | | 15 | 6,000 | 6,000 | 6,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 20,160 | 5.9 | 1,260 | 1,260 | 2,580 |
| | 5 | 5 | 7 | | | 17 | 6,000 | 6,000 | 8,400 | - | - | 12,240 | 3.6 | 20,400 | 6.0 | 22,848 | 6.7 | 1,490 | 1,530 | 2,700 |
| | 5 | 5 | 9 | | | 19 | 6,000 | 6,000 | 10,800 | - | - | 13,680 | 4.0 | 22,800 | 6.7 | 25,536 | 7.5 | 1,575 | 1,750 | 2,830 |
| | 5 | 7 | 7 | | | 19 | 6,000 | 8,400 | 8,400 | - | - | 13,680 | 4.0 | 22,800 | 6.7 | 25,536 | 7.5 | 1,490 | 1,750 | 2,830 |
| | 5 | 7 | 9 | | | 21 | 6,000 | 8,400 | 10,800 | - | - | 15,120 | 4.4 | 25,200 | 7.4 | 28,224 | 8.3 | 1,575 | 1,860 | 2,960 |
| | 7 | 7 | 7 | | | 21 | 8,400 | 8,400 | 8,400 | - | - | 15,120 | 4.4 | 25,200 | 7.4 | 28,224 | 8.3 | 1,599 | 1,860 | 2,960 |
| | 5 | 5 | 12 | | | 22 | 6,000 | 6,000 | 14,400 | - | - | 15,840 | 4.6 | 26,400 | 7.7 | 29,568 | 8.7 | 1,800 | 1,950 | 3,030 |
| | 7 | 7 | 9 | | | 23 | 8,400 | 8,400 | 10,800 | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 30,912 | 9.1 | 1,754 | 2,020 | 3,150 |
| | 5 | 9 | 9 | | | 23 | 6,000 | 10,800 | 10,800 | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 30,912 | 9.1 | 1,746 | 2,020 | 3,150 |
| | 5 | 7 | 12 | | | 24 | 6,000 | 8,400 | 14,400 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,256 | 9.5 | 1,800 | 2,110 | 3,290 |
| | 7 | 9 | 9 | | | 25 | 8,400 | 10,800 | 10,800 | - | - | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,979 | 2,220 | 3,410 |
| | 5 | 9 | 12 | | | 26 | 5,769 | 10,385 | 13,846 | - | - | 18,720 | 5.5 | 30,000 | 8.8 | 33,600 | 9.8 | 1,909 | 2,320 | 3,500 |
| | 7 | 7 | 12 | | | 26 | 8,077 | 8,077 | 13,846 | - | - | 18,720 | 5.5 | 30,000 | 8.8 | 33,600 | 9.8 | 2,103 | 2,320 | 3,500 |
| | 9 | 9 | 9 | | | 27 | 10,333 | 10,333 | 10,333 | - | - | 19,440 | 5.7 | 31,000 | 9.1 | 34,720 | 10.2 | 2,243 | 2,410 | 3,570 |
| | 7 | 9 | 12 | | | 28 | 7,750 | 9,964 | 13,286 | - | - | 20,160 | 5.9 | 31,000 | 9.1 | 34,720 | 10.2 | 2,359 | 2,480 | 3,620 |
| | 5 | 5 | 18 | | | 28 | 5,536 | 5,536 | 19,929 | - | - | 20,160 | 5.9 | 31,000 | 9.1 | 34,720 | 10.2 | 2,359 | 2,480 | 3,620 |
| | 5 | 12 | 12 | | | 29 | 5,345 | 12,828 | 12,828 | - | - | 20,880 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,560 | 3,650 |
| | 5 | 7 | 18 | | | 30 | 5,167 | 7,233 | 18,600 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 9 | 9 | 12 | | | 30 | 9,300 | 9,300 | 12,400 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 7 | 12 | 12 | | | 31 | 7,000 | 12,000 | 12,000 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 5 | 9 | 18 | | | 32 | 4,844 | 8,719 | 17,438 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 7 | 7 | 18 | | | 32 | 6,781 | 6,781 | 17,438 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 9 | 12 | 12 | | | 33 | 8,455 | 11,273 | 11,273 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 7 | 9 | 18 | | | 34 | 6,382 | 8,206 | 16,412 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 5 | 5 | 24 | | | 34 | 4,559 | 4,559 | 21,882 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 5 | 12 | 18 | | | 35 | 4,429 | 10,629 | 15,943 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 5 | 7 | 24 | | | 36 | 4,306 | 6,028 | 20,667 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 12 | 12 | 12 | | | 36 | 10,333 | 10,333 | 10,333 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 9 | 9 | 18 | | | 36 | 7,750 | 7,750 | 15,500 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 7 | 12 | 18 | | | 37 | 5,865 | 10,054 | 15,081 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 5 | 9 | 24 | | | 38 | 4,079 | 7,342 | 19,579 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 7 | 7 | 24 | | | 38 | 5,711 | 5,711 | 19,579 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 9 | 12 | 18 | | | 39 | 7,154 | 9,538 | 14,308 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 7 | 9 | 24 | | | 40 | 5,425 | 6,975 | 18,600 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 5 | 12 | 24 | | | 41 | 3,780 | 9,073 | 18,146 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |
| | 5 | 18 | 18 | | | 41 | 3,780 | 13,610 | 13,610 | - | - | 20,700 | 6.1 | 31,000 | 9.1 | 34,720 | 10.2 | 2,491 | 2,690 | 3,680 |

Combination Table_ MULTI

## MU4M27 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Heating | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | Total Capacity | | | | | | Input( W) | | |
| | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 4 Unit | 5 | 5 | 5 | 5 | | 20 | 6,000 | 6,000 | 6,000 | 6,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 26,880 | 7.9 | 1,550 | 1,650 | 2,920 |
| | 5 | 5 | 5 | 7 | | 22 | 6,000 | 6,000 | 6,000 | 8,400 | - | 15,840 | 4.6 | 26,400 | 7.7 | 29,568 | 8.7 | 1,660 | 1,760 | 3,100 |
| | 5 | 5 | 5 | 9 | | 24 | 6,000 | 6,000 | 6,000 | 10,800 | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,256 | 9.5 | 1,750 | 1,850 | 3,240 |
| | 5 | 5 | 7 | 7 | | 24 | 6,000 | 6,000 | 8,400 | 8,400 | - | 17,280 | 5.1 | 28,800 | 8.4 | 32,256 | 9.5 | 1,750 | 1,850 | 3,240 |
| | 5 | 5 | 7 | 9 | | 26 | 5,769 | 5,769 | 8,077 | 10,385 | - | 18,720 | 5.5 | 30,000 | 8.8 | 34,944 | 10.2 | 1,850 | 1,950 | 3,480 |
| | 5 | 7 | 7 | 7 | | 26 | 5,769 | 8,077 | 8,077 | 8,077 | - | 18,720 | 5.5 | 30,000 | 8.8 | 34,944 | 10.2 | 1,850 | 1,950 | 3,480 |
| | 5 | 5 | 5 | 12 | | 27 | 5,741 | 5,741 | 5,741 | 13,778 | - | 19,440 | 5.7 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,610 |
| | 5 | 5 | 9 | 9 | | 28 | 5,536 | 5,536 | 9,964 | 9,964 | - | 20,160 | 5.9 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 7 | 7 | 9 | | 28 | 5,536 | 7,750 | 7,750 | 9,964 | - | 20,160 | 5.9 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 7 | 7 | | 28 | 7,750 | 7,750 | 7,750 | 7,750 | - | 20,160 | 5.9 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 7 | 12 | | 29 | 5,345 | 5,345 | 7,483 | 12,828 | - | 20,010 | 5.9 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 7 | 9 | 9 | | 30 | 5,167 | 7,233 | 9,300 | 9,300 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 7 | 9 | | 30 | 7,233 | 7,233 | 7,233 | 9,300 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 9 | 12 | | 31 | 5,000 | 5,000 | 9,000 | 12,000 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 7 | 7 | 12 | | 31 | 5,000 | 7,000 | 7,000 | 12,000 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 9 | 9 | | 32 | 6,781 | 6,781 | 8,719 | 8,719 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 9 | 9 | 9 | | 32 | 4,844 | 8,719 | 8,719 | 8,719 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 5 | 18 | | 33 | 4,697 | 4,697 | 4,697 | 16,909 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 7 | 9 | 12 | | 33 | 4,697 | 6,576 | 8,455 | 11,273 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 7 | 12 | | 33 | 6,576 | 6,576 | 6,576 | 11,273 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 12 | 12 | | 34 | 4,559 | 4,559 | 10,941 | 10,941 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 9 | 9 | 9 | | 34 | 6,382 | 8,206 | 8,206 | 8,206 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 7 | 18 | | 35 | 4,429 | 4,429 | 6,200 | 15,943 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 9 | 9 | 12 | | 35 | 4,429 | 7,971 | 7,971 | 10,629 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 9 | 12 | | 35 | 6,200 | 6,200 | 7,971 | 10,629 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 7 | 12 | 12 | | 36 | 4,306 | 6,028 | 10,333 | 10,333 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 9 | 9 | 9 | 9 | | 36 | 7,750 | 7,750 | 7,750 | 7,750 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 9 | 18 | | 37 | 4,189 | 4,189 | 7,541 | 15,081 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 7 | 7 | 18 | | 37 | 4,189 | 5,865 | 5,865 | 15,081 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 9 | 9 | 12 | | 37 | 5,865 | 7,541 | 7,541 | 10,054 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 12 | 12 | | 38 | 5,711 | 5,711 | 9,789 | 9,789 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 5 | 24 | | 39 | 3,974 | 3,974 | 3,974 | 19,077 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 7 | 9 | 18 | | 39 | 3,974 | 5,564 | 7,154 | 14,308 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 9 | 9 | 9 | 12 | | 39 | 7,154 | 7,154 | 7,154 | 9,538 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 7 | 18 | | 39 | 5,564 | 5,564 | 5,564 | 14,308 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 9 | 12 | 12 | | 40 | 5,425 | 6,975 | 9,300 | 9,300 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 5 | 7 | 24 | | 41 | 3,780 | 3,780 | 5,293 | 18,146 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 5 | 12 | 12 | 12 | | 41 | 3,780 | 9,073 | 9,073 | 9,073 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |
| | 7 | 7 | 9 | 18 | | 41 | 5,293 | 5,293 | 6,805 | 13,610 | - | 20,700 | 6.1 | 31,000 | 9.1 | 36,000 | 10.6 | 1,890 | 1,990 | 3,680 |

Note :
1. Cooling Capacity is based on : indoor temp. 27°C DB, 19°C WB ; outdoor temp. 35°C DB
2. Heating Capacity is based on : indoor temp. 20°C DB ; outdoor temp. 7°C DB, 6°C WB
3. The total ability of connected a indoor unit is up to 41kBtu/h
4. At least two indoor units should be connected.

# MU5M30 U40

## MU5M30 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Cooling | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | | | | | 5 | 5,000 | - | - | - | - | | 4,800 | 1.3 | 5,000 | 1.5 | 5,500 | 1.6 | 720 | 720 | 790 |
| | 7 | | | | | 7 | 7,000 | - | - | - | - | | 6,300 | 1.8 | 7,000 | 2.1 | 7,700 | 2.3 | 720 | 720 | 790 |
| | 9 | | | | | 9 | 9,000 | - | - | - | - | | 6,300 | 1.8 | 9,000 | 2.6 | 9,900 | 2.9 | 720 | 820 | 1,000 |
| | 12 | | | | | 12 | 12,000 | - | - | - | - | | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 774 | 1,070 | 1,480 |
| | 18 | | | | | 18 | 18,000 | - | - | - | - | | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 1,209 | 1,610 | 2,110 |
| | 24 | | | | | 24 | 24,000 | - | - | - | - | | 14,400 | 4.2 | 24,000 | 7.0 | 25,500 | 7.5 | 1,650 | 1,920 | 3,060 |
| 2 Unit | 5 | 5 | | | | 10 | 5,000 | 5,000 | - | - | - | | 6,000 | 1.8 | 10,000 | 2.9 | 11,500 | 3.4 | 834 | 910 | 1,720 |
| | 5 | 7 | | | | 12 | 5,000 | 7,000 | - | - | - | | 7,200 | 2.1 | 12,000 | 3.5 | 13,800 | 4.0 | 834 | 1,020 | 1,910 |
| | 5 | 9 | | | | 14 | 5,000 | 9,000 | - | - | - | | 8,400 | 2.5 | 14,000 | 4.1 | 16,100 | 4.7 | 1,094 | 1,100 | 2,040 |
| | 7 | 7 | | | | 14 | 7,000 | 7,000 | - | - | - | | 8,400 | 2.5 | 14,000 | 4.1 | 16,100 | 4.7 | 834 | 1,100 | 2,040 |
| | 7 | 9 | | | | 16 | 7,000 | 9,000 | - | - | - | | 9,600 | 2.8 | 16,000 | 4.7 | 18,400 | 5.4 | 1,094 | 1,220 | 2,190 |
| | 5 | 12 | | | | 17 | 5,000 | 12,000 | - | - | - | | 10,200 | 3.0 | 17,000 | 5.0 | 18,700 | 5.5 | 1,311 | 1,350 | 2,270 |
| | 9 | 9 | | | | 18 | 9,000 | 9,000 | - | - | - | | 10,800 | 3.2 | 18,000 | 5.3 | 20,700 | 6.1 | 1,265 | 1,510 | 2,570 |
| | 7 | 12 | | | | 19 | 7,000 | 12,000 | - | - | - | | 11,400 | 3.3 | 19,000 | 5.6 | 20,900 | 6.1 | 1,311 | 1,640 | 2,730 |
| | 9 | 12 | | | | 21 | 9,000 | 12,000 | - | - | - | | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,490 | 1,750 | 2,850 |
| | 5 | 18 | | | | 23 | 5,000 | 18,000 | - | - | - | | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,746 | 1,890 | 2,890 |
| | 12 | 12 | | | | 24 | 12,000 | 12,000 | - | - | - | | 14,400 | 4.2 | 24,000 | 7.0 | 26,400 | 7.7 | 1,653 | 1,980 | 3,070 |
| | 7 | 18 | | | | 25 | 7,000 | 18,000 | - | - | - | | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,746 | 2,130 | 3,100 |
| | 9 | 18 | | | | 27 | 9,000 | 18,000 | - | - | - | | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,893 | 2,310 | 3,130 |
| | 5 | 24 | | | | 29 | 5,000 | 24,000 | - | - | - | | 17,400 | 5.1 | 29,000 | 8.5 | 31,900 | 9.3 | 1,979 | 2,420 | 3,140 |
| | 12 | 18 | | | | 30 | 12,000 | 18,000 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,979 | 2,510 | 3,160 |
| | 7 | 24 | | | | 31 | 6,774 | 23,226 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,979 | 2,510 | 3,160 |
| | 9 | 24 | | | | 33 | 8,182 | 21,818 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,979 | 2,510 | 3,160 |
| | 18 | 18 | | | | 36 | 15,000 | 15,000 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,979 | 2,510 | 3,160 |
| | 12 | 24 | | | | 36 | 10,000 | 20,000 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,979 | 2,510 | 3,160 |
| | 18 | 24 | | | | 42 | 12,857 | 17,143 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,979 | 2,510 | 3,160 |
| | 24 | 24 | | | | 48 | 15,000 | 15,000 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,979 | 2,510 | 3,160 |
| 3Unit | 5 | 5 | 5 | | | 15 | 5,000 | 5,000 | 5,000 | - | - | | 9,000 | 2.6 | 15,000 | 4.4 | 17,250 | 5.1 | 1,050 | 1,050 | 2,100 |
| | 5 | 5 | 7 | | | 17 | 5,000 | 5,000 | 7,000 | - | - | | 10,200 | 3.0 | 17,000 | 5.0 | 19,550 | 5.7 | 1,260 | 1,260 | 2,410 |
| | 5 | 5 | 9 | | | 19 | 5,000 | 5,000 | 9,000 | - | - | | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,450 | 1,450 | 2,730 |
| | 5 | 7 | 7 | | | 19 | 5,000 | 7,000 | 7,000 | - | - | | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,450 | 1,450 | 2,730 |
| | 5 | 7 | 9 | | | 21 | 5,000 | 7,000 | 9,000 | - | - | | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,490 | 1,540 | 2,820 |
| | 7 | 7 | 7 | | | 21 | 7,000 | 7,000 | 7,000 | - | - | | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,490 | 1,540 | 2,820 |
| | 5 | 5 | 12 | | | 22 | 5,000 | 5,000 | 12,000 | - | - | | 13,200 | 3.9 | 22,000 | 6.4 | 25,300 | 7.4 | 1,550 | 1,610 | 2,850 |
| | 7 | 7 | 9 | | | 23 | 7,000 | 7,000 | 9,000 | - | - | | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,575 | 1,790 | 2,910 |
| | 5 | 9 | 9 | | | 23 | 5,000 | 9,000 | 9,000 | - | - | | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,746 | 1,790 | 2,910 |
| | 5 | 7 | 12 | | | 24 | 5,000 | 7,000 | 12,000 | - | - | | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,800 | 1,820 | 3,050 |
| | 7 | 9 | 9 | | | 25 | 7,000 | 9,000 | 9,000 | - | - | | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,746 | 1,930 | 3,070 |
| | 5 | 9 | 12 | | | 26 | 5,000 | 9,000 | 12,000 | - | - | | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,909 | 2,030 | 3,080 |
| | 7 | 7 | 12 | | | 26 | 7,000 | 7,000 | 12,000 | - | - | | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,800 | 2,030 | 3,080 |
| | 9 | 9 | 9 | | | 27 | 9,000 | 9,000 | 9,000 | - | - | | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,893 | 2,120 | 3,100 |
| | 7 | 9 | 12 | | | 28 | 7,000 | 9,000 | 12,000 | - | - | | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,909 | 2,220 | 3,120 |
| | 5 | 5 | 18 | | | 28 | 5,000 | 5,000 | 18,000 | - | - | | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,948 | 2,220 | 3,120 |
| | 5 | 12 | 12 | | | 29 | 5,000 | 12,000 | 12,000 | - | - | | 17,400 | 5.1 | 29,000 | 8.5 | 32,480 | 9.5 | 1,948 | 2,330 | 3,140 |
| | 5 | 7 | 18 | | | 30 | 5,000 | 7,000 | 18,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,948 | 2,420 | 3,160 |
| | 9 | 9 | 12 | | | 30 | 9,000 | 9,000 | 12,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 7 | 12 | 12 | | | 31 | 6,774 | 11,613 | 11,613 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 5 | 9 | 18 | | | 32 | 4,688 | 8,438 | 16,875 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,948 | 2,420 | 3,160 |
| | 7 | 7 | 18 | | | 32 | 6,563 | 6,563 | 16,875 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,948 | 2,420 | 3,160 |
| | 9 | 12 | 12 | | | 33 | 8,182 | 10,909 | 10,909 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 7 | 9 | 18 | | | 34 | 6,176 | 7,941 | 15,882 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,948 | 2,420 | 3,160 |
| | 5 | 5 | 24 | | | 34 | 4,412 | 4,412 | 21,176 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 5 | 12 | 18 | | | 35 | 4,286 | 10,286 | 15,429 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 5 | 7 | 24 | | | 36 | 4,167 | 5,833 | 20,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 12 | 12 | 12 | | | 36 | 10,000 | 10,000 | 10,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 9 | 9 | 18 | | | 36 | 7,500 | 7,500 | 15,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 7 | 12 | 18 | | | 37 | 5,676 | 9,730 | 14,595 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 5 | 9 | 24 | | | 38 | 3,947 | 7,105 | 18,947 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 7 | 7 | 24 | | | 38 | 5,526 | 5,526 | 18,947 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 9 | 12 | 18 | | | 39 | 6,923 | 9,231 | 13,846 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 7 | 9 | 24 | | | 40 | 5,250 | 6,750 | 18,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 5 | 12 | 24 | | | 41 | 3,659 | 8,780 | 17,561 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 5 | 18 | 18 | | | 41 | 3,659 | 13,171 | 13,171 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 12 | 12 | 18 | | | 42 | 8,571 | 8,571 | 12,857 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 9 | 9 | 24 | | | 42 | 6,429 | 6,429 | 17,143 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 7 | 18 | 18 | | | 43 | 4,884 | 12,558 | 12,558 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 7 | 12 | 24 | | | 43 | 4,884 | 8,372 | 16,744 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 9 | 18 | 18 | | | 45 | 6,000 | 12,000 | 12,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 9 | 12 | 24 | | | 45 | 6,000 | 8,000 | 16,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 5 | 18 | 24 | | | 47 | 3,191 | 11,489 | 15,319 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 12 | 18 | 18 | | | 48 | 7,500 | 11,250 | 11,250 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| | 12 | 12 | 24 | | | 48 | 7,500 | 7,500 | 15,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 33,600 | 9.8 | 1,948 | 2,420 | 3,160 |
| 4Unit | 5 | 5 | 5 | 5 | | 20 | 5,000 | 5,000 | 5,000 | 5,000 | - | | 12,000 | 3.5 | 20,000 | 5.9 | 24,000 | 7.0 | 1,370 | 1,470 | 2,257 |
| | 5 | 5 | 5 | 7 | | 22 | 5,000 | 5,000 | 5,000 | 7,000 | - | | 13,200 | 3.9 | 22,000 | 6.4 | 26,400 | 7.7 | 1,480 | 1,580 | 2,448 |
| | 5 | 5 | 5 | 9 | | 24 | 5,000 | 5,000 | 5,000 | 9,000 | - | | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,580 | 1,680 | 2,633 |
| | 5 | 5 | 7 | 7 | | 24 | 5,000 | 5,000 | 7,000 | 7,000 | - | | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,580 | 1,680 | 2,718 |
| | 5 | 5 | 7 | 9 | | 26 | 5,000 | 5,000 | 7,000 | 9,000 | - | | 15,600 | 4.6 | 26,000 | 7.6 | 31,200 | 9.1 | 1,750 | 1,850 | 2,850 |
| | 5 | 7 | 7 | 7 | | 26 | 5,000 | 7,000 | 7,000 | 7,000 | - | | 15,600 | 4.6 | 26,000 | 7.6 | 31,200 | 9.1 | 1,750 | 1,850 | 2,920 |
| | 5 | 5 | 5 | 12 | | 27 | 5,000 | 5,000 | 5,000 | 12,000 | - | | 16,200 | 4.7 | 27,000 | 7.9 | 32,400 | 9.5 | 1,820 | 1,920 | 3,010 |
| | 5 | 5 | 9 | 9 | | 28 | 5,000 | 5,000 | 9,000 | 9,000 | - | | 16,800 | 4.9 | 28,000 | 8.2 | 33,600 | 9.8 | 1,948 | 2,020 | 3,100 |
| | 5 | 7 | 7 | 9 | | 28 | 5,000 | 7,000 | 7,000 | 9,000 | - | | 16,800 | 4.9 | 28,000 | 8.2 | 33,600 | 9.8 | 1,948 | 2,020 | 3,100 |
| | 7 | 7 | 7 | 7 | | 28 | 7,000 | 7,000 | 7,000 | 7,000 | - | | 16,800 | 4.9 | 28,000 | 8.2 | 33,600 | 9.8 | 1,948 | 2,020 | 3,100 |
| | 5 | 5 | 7 | 12 | | 29 | 5,000 | 5,000 | 7,000 | 12,000 | - | | 17,400 | 5.1 | 29,000 | 8.5 | 34,800 | 10.2 | 1,948 | 2,210 | 3,120 |
| | 5 | 7 | 9 | 9 | | 30 | 5,000 | 7,000 | 9,000 | 9,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 7 | 9 | | 30 | 7,000 | 7,000 | 7,000 | 9,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 5 | 9 | 12 | | 31 | 4,839 | 4,839 | 8,710 | 11,613 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |

Combination Table_ MULTI

## MU5M30 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Cooling | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 4Unit | 5 | 7 | 7 | 12 | | 31 | 4,839 | 6,774 | 6,774 | 11,613 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 9 | 9 | | 32 | 6,563 | 6,563 | 8,438 | 8,438 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 9 | 9 | 9 | | 32 | 4,688 | 8,438 | 8,438 | 8,438 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 5 | 5 | 18 | | 33 | 4,545 | 4,545 | 4,545 | 16,364 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 7 | 9 | 12 | | 33 | 4,545 | 6,364 | 8,182 | 10,909 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 7 | 12 | | 33 | 6,364 | 6,364 | 6,364 | 10,909 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 5 | 12 | 12 | | 34 | 4,412 | 4,412 | 10,588 | 10,588 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 9 | 9 | 9 | | 34 | 6,176 | 7,941 | 7,941 | 7,941 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 5 | 7 | 18 | | 35 | 4,286 | 4,286 | 6,000 | 15,429 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 9 | 9 | 12 | | 35 | 4,286 | 7,714 | 7,714 | 10,286 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 9 | 12 | | 35 | 6,000 | 6,000 | 7,714 | 10,286 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 7 | 12 | 12 | | 36 | 4,167 | 5,833 | 10,000 | 10,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 9 | 9 | 9 | 9 | | 36 | 7,500 | 7,500 | 7,500 | 7,500 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 5 | 9 | 18 | | 37 | 4,054 | 4,054 | 7,297 | 14,595 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 7 | 7 | 18 | | 37 | 4,054 | 5,676 | 5,676 | 14,595 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 9 | 9 | 12 | | 37 | 5,676 | 7,297 | 7,297 | 9,730 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 12 | 12 | | 38 | 5,526 | 5,526 | 9,474 | 9,474 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 5 | 5 | 24 | | 39 | 3,846 | 3,846 | 3,846 | 18,462 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 7 | 9 | 18 | | 39 | 3,846 | 5,385 | 6,923 | 13,846 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 9 | 9 | 9 | 12 | | 39 | 6,923 | 6,923 | 6,923 | 9,231 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 7 | 18 | | 39 | 5,385 | 5,385 | 5,385 | 13,846 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 9 | 12 | 12 | | 40 | 5,250 | 6,750 | 9,000 | 9,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 5 | 7 | 24 | | 41 | 3,659 | 3,659 | 5,122 | 17,561 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 12 | 12 | 12 | | 41 | 3,659 | 8,780 | 8,780 | 8,780 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 9 | 18 | | 41 | 5,122 | 5,122 | 6,585 | 13,171 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 9 | 9 | 12 | 12 | | 42 | 6,429 | 6,429 | 8,571 | 8,571 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 12 | 12 | 12 | | 43 | 4,884 | 8,372 | 8,372 | 8,372 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 9 | 9 | 18 | | 43 | 4,884 | 6,279 | 6,279 | 12,558 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 12 | 18 | | 44 | 4,773 | 4,773 | 8,182 | 12,273 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 9 | 12 | 12 | 12 | | 45 | 6,000 | 8,000 | 8,000 | 8,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 9 | 9 | 9 | 18 | | 45 | 6,000 | 6,000 | 6,000 | 12,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 7 | 24 | | 45 | 4,667 | 4,667 | 4,667 | 16,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 9 | 12 | 18 | | 46 | 4,565 | 5,870 | 7,826 | 11,739 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 5 | 12 | 12 | 18 | | 47 | 3,191 | 7,660 | 7,660 | 11,489 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 7 | 7 | 9 | 24 | | 47 | 4,468 | 4,468 | 5,745 | 15,319 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 12 | 12 | 12 | 12 | | 48 | 7,500 | 7,500 | 7,500 | 7,500 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| | 9 | 9 | 12 | 18 | | 48 | 5,625 | 5,625 | 7,500 | 11,250 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,948 | 2,350 | 3,140 |
| 5Unit | 5 | 5 | 5 | 5 | 5 | 25 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | | 15,000 | 4.4 | 25,000 | 7.3 | 30,000 | 8.8 | 1,810 | 1,810 | 2,580 |
| | 5 | 5 | 5 | 5 | 7 | 27 | 5,000 | 5,000 | 5,000 | 5,000 | 7,000 | | 16,200 | 4.7 | 27,000 | 7.9 | 32,400 | 9.5 | 1,909 | 1,980 | 2,740 |
| | 5 | 5 | 5 | 5 | 9 | 29 | 5,000 | 5,000 | 5,000 | 5,000 | 9,000 | | 17,400 | 5.1 | 29,000 | 8.5 | 34,800 | 10.2 | 1,909 | 2,180 | 3,010 |
| | 5 | 5 | 5 | 7 | 7 | 29 | 5,000 | 5,000 | 5,000 | 7,000 | 7,000 | | 17,400 | 5.1 | 29,000 | 8.5 | 34,800 | 10.2 | 1,909 | 2,180 | 3,010 |
| | 5 | 5 | 5 | 7 | 9 | 31 | 4,839 | 4,839 | 4,839 | 6,774 | 8,710 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 7 | 7 | 7 | 31 | 4,839 | 4,839 | 6,774 | 6,774 | 6,774 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 5 | 5 | 12 | 32 | 4,688 | 4,688 | 4,688 | 4,688 | 11,250 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 5 | 9 | 9 | 33 | 4,545 | 4,545 | 4,545 | 8,182 | 8,182 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 7 | 7 | 9 | 33 | 4,545 | 4,545 | 6,364 | 6,364 | 8,182 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 7 | 7 | 7 | 7 | 33 | 4,545 | 6,364 | 6,364 | 6,364 | 6,364 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 5 | 7 | 12 | 34 | 4,412 | 4,412 | 4,412 | 6,176 | 10,588 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 7 | 7 | 7 | 9 | 35 | 4,286 | 6,000 | 6,000 | 6,000 | 7,714 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 7 | 7 | 7 | 7 | 7 | 35 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 5 | 9 | 12 | 36 | 4,167 | 4,167 | 4,167 | 7,500 | 10,000 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 7 | 7 | 12 | 36 | 4,167 | 4,167 | 5,833 | 5,833 | 10,000 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 9 | 9 | 9 | 37 | 4,054 | 4,054 | 7,297 | 7,297 | 7,297 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 7 | 7 | 9 | 9 | 37 | 4,054 | 5,676 | 5,676 | 7,297 | 7,297 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 7 | 7 | 7 | 7 | 9 | 37 | 5,676 | 5,676 | 5,676 | 5,676 | 7,297 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 5 | 5 | 18 | 38 | 3,947 | 3,947 | 3,947 | 3,947 | 14,211 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 7 | 7 | 7 | 12 | 38 | 3,947 | 5,526 | 5,526 | 5,526 | 9,474 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 5 | 12 | 12 | 39 | 3,846 | 3,846 | 3,846 | 9,231 | 9,231 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 7 | 7 | 7 | 9 | 9 | 39 | 5,385 | 5,385 | 5,385 | 6,923 | 6,923 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 7 | 9 | 9 | 9 | 39 | 3,846 | 5,385 | 6,923 | 6,923 | 6,923 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 5 | 7 | 18 | 40 | 3,750 | 3,750 | 3,750 | 5,250 | 13,500 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 5 | 9 | 9 | 12 | 40 | 3,750 | 3,750 | 6,750 | 6,750 | 9,000 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 7 | 7 | 9 | 12 | 40 | 3,750 | 5,250 | 5,250 | 6,750 | 9,000 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 7 | 7 | 7 | 7 | 12 | 40 | 5,250 | 5,250 | 5,250 | 5,250 | 9,000 | | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,909 | 2,300 | 3,110 |
| | 5 | 9 | 9 | 9 | 9 | 41 | 3,659 | 6,585 | 6,585 | 6,585 | 6,585 | |

# MU5M30 U40

## MU5M30 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Heating | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | Total Capacity | | | | | | Input (W) | | | |
| | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | | | | | 5 | 5,500 | - | - | - | - | 5,000 | 1.5 | 5,500 | 1.6 | 6,050 | 1.8 | 840 | 840 | 1,440 |
| | 7 | | | | | 7 | 8,000 | - | - | - | - | 7,560 | 2.2 | 8,000 | 2.3 | 8,800 | 2.6 | 880 | 880 | 1,440 |
| | 9 | | | | | 9 | 10,000 | - | - | - | - | 7,560 | 2.2 | 10,000 | 2.9 | 11,000 | 3.2 | 978 | 1,010 | 1,630 |
| | 12 | | | | | 12 | 13,200 | - | - | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,520 | 4.3 | 1,273 | 1,370 | 2,250 |
| | 18 | | | | | 18 | 19,800 | - | - | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,780 | 6.4 | 1,901 | 2,080 | 3,310 |
| | 24 | | | | | 24 | 25,400 | - | - | - | - | 15,240 | 4.5 | 25,400 | 7.4 | 26,600 | 7.8 | 2,569 | 2,770 | 3,870 |
| 2 Unit | 5 | 5 | | | | 10 | 6,000 | 6,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,800 | 4.0 | 970 | 970 | 1,850 |
| | 5 | 7 | | | | 12 | 6,000 | 8,400 | - | - | - | 8,640 | 2.5 | 14,400 | 4.2 | 16,560 | 4.9 | 1,160 | 1,160 | 2,160 |
| | 5 | 9 | | | | 14 | 6,000 | 10,800 | - | - | - | 10,080 | 3.0 | 16,800 | 4.9 | 19,320 | 5.7 | 1,366 | 1,400 | 2,557 |
| | 7 | 7 | | | | 14 | 8,400 | 8,400 | - | - | - | 10,080 | 3.0 | 16,800 | 4.9 | 19,320 | 5.7 | 1,249 | 1,400 | 2,557 |
| | 7 | 9 | | | | 16 | 8,400 | 10,800 | - | - | - | 11,520 | 3.4 | 19,200 | 5.6 | 22,080 | 6.5 | 1,366 | 1,710 | 3,100 |
| | 5 | 12 | | | | 17 | 6,000 | 14,400 | - | - | - | 12,240 | 3.6 | 20,400 | 6.0 | 22,440 | 6.6 | 1,311 | 1,890 | 3,403 |
| | 9 | 9 | | | | 18 | 10,800 | 10,800 | - | - | - | 12,960 | 3.8 | 21,600 | 6.3 | 24,840 | 7.3 | 1,606 | 2,060 | 3,587 |
| | 7 | 12 | | | | 19 | 8,400 | 14,400 | - | - | - | 13,680 | 4.0 | 22,800 | 6.7 | 25,080 | 7.4 | 1,886 | 2,160 | 3,383 |
| | 9 | 12 | | | | 21 | 10,800 | 14,400 | - | - | - | 15,120 | 4.4 | 25,200 | 7.4 | 27,720 | 8.1 | 2,320 | 2,390 | 3,390 |
| | 5 | 18 | | | | 23 | 6,000 | 21,600 | - | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 31,740 | 9.3 | 1,746 | 2,630 | 3,610 |
| | 12 | 12 | | | | 24 | 14,400 | 14,400 | - | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 31,680 | 9.3 | 2,522 | 2,770 | 3,680 |
| | 7 | 18 | | | | 25 | 8,400 | 21,600 | - | - | - | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 2,631 | 2,810 | 3,706 |
| | 9 | 18 | | | | 27 | 10,800 | 21,600 | - | - | - | 19,440 | 5.7 | 32,400 | 9.5 | 37,260 | 10.9 | 2,770 | 2,900 | 3,712 |
| | 5 | 24 | | | | 29 | 5,750 | 27,600 | - | - | - | 20,010 | 5.9 | 33,350 | 9.8 | 36,685 | 10.8 | 1,979 | 3,010 | 3,820 |
| | 12 | 18 | | | | 30 | 13,800 | 20,700 | - | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 37,950 | 11.1 | 2,957 | 3,090 | 3,870 |
| | 7 | 24 | | | | 31 | 7,790 | 26,710 | - | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 37,950 | 11.1 | 2,957 | 3,090 | 3,870 |
| | 9 | 24 | | | | 33 | 9,409 | 25,091 | - | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 37,950 | 11.1 | 2,957 | 3,090 | 3,870 |
| | 18 | 18 | | | | 36 | 17,250 | 17,250 | - | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 37,950 | 11.1 | 2,910 | 3,090 | 3,870 |
| | 12 | 24 | | | | 36 | 11,500 | 23,000 | - | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 37,950 | 11.1 | 2,910 | 3,090 | 3,870 |
| | 18 | 24 | | | | 42 | 14,786 | 19,714 | - | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 37,950 | 11.1 | 2,910 | 3,090 | 3,870 |
| | 24 | 24 | | | | 48 | 17,250 | 17,250 | - | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 37,950 | 11.1 | 2,910 | 3,090 | 3,870 |
| 3Unit | 5 | 5 | 5 | | | 15 | 6,000 | 6,000 | 6,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 20,700 | 6.1 | 1,260 | 1,260 | 2,580 |
| | 5 | 5 | 7 | | | 17 | 6,000 | 6,000 | 8,400 | - | - | 12,240 | 3.6 | 20,400 | 6.0 | 23,460 | 6.9 | 1,490 | 1,530 | 2,700 |
| | 5 | 5 | 9 | | | 19 | 6,000 | 6,000 | 10,800 | - | - | 13,680 | 4.0 | 22,800 | 6.7 | 26,220 | 7.7 | 1,575 | 1,750 | 2,830 |
| | 5 | 7 | 7 | | | 19 | 6,000 | 8,400 | 8,400 | - | - | 13,680 | 4.0 | 22,800 | 6.7 | 26,220 | 7.7 | 1,490 | 1,750 | 2,830 |
| | 5 | 7 | 9 | | | 21 | 6,000 | 8,400 | 10,800 | - | - | 15,120 | 4.4 | 25,200 | 7.4 | 28,980 | 8.5 | 1,575 | 1,860 | 2,960 |
| | 7 | 7 | 7 | | | 21 | 8,400 | 8,400 | 8,400 | - | - | 15,120 | 4.4 | 25,200 | 7.4 | 28,980 | 8.5 | 1,599 | 1,860 | 2,960 |
| | 5 | 5 | 12 | | | 22 | 6,000 | 6,000 | 14,400 | - | - | 15,840 | 4.6 | 26,400 | 7.7 | 30,360 | 8.9 | 1,800 | 1,950 | 3,030 |
| | 7 | 7 | 9 | | | 23 | 8,400 | 8,400 | 10,800 | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 31,740 | 9.3 | 1,754 | 2,020 | 3,150 |
| | 5 | 9 | 9 | | | 23 | 6,000 | 10,800 | 10,800 | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 31,740 | 9.3 | 1,746 | 2,020 | 3,150 |
| | 5 | 7 | 12 | | | 24 | 6,000 | 8,400 | 14,400 | - | - | 17,280 | 5.1 | 28,800 | 8.4 | 33,120 | 9.7 | 1,800 | 2,110 | 3,290 |
| | 7 | 9 | 9 | | | 25 | 8,400 | 10,800 | 10,800 | - | - | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,979 | 2,220 | 3,410 |
| | 5 | 9 | 12 | | | 26 | 6,000 | 10,800 | 14,400 | - | - | 18,720 | 5.5 | 31,200 | 9.1 | 35,880 | 10.5 | 1,909 | 2,320 | 3,500 |
| | 7 | 7 | 12 | | | 26 | 8,400 | 8,400 | 14,400 | - | - | 18,720 | 5.5 | 31,200 | 9.1 | 35,880 | 10.5 | 2,103 | 2,320 | 3,500 |
| | 9 | 9 | 9 | | | 27 | 10,800 | 10,800 | 10,800 | - | - | 19,440 | 5.7 | 32,400 | 9.5 | 37,260 | 10.9 | 2,243 | 2,410 | 3,570 |
| | 7 | 9 | 12 | | | 28 | 8,400 | 10,800 | 14,400 | - | - | 20,160 | 5.9 | 33,600 | 9.8 | 38,640 | 11.3 | 2,359 | 2,480 | 3,620 |
| | 5 | 5 | 18 | | | 28 | 6,000 | 6,000 | 21,600 | - | - | 20,160 | 5.9 | 33,600 | 9.8 | 38,640 | 11.3 | 2,359 | 2,480 | 3,620 |
| | 5 | 12 | 12 | | | 29 | 6,000 | 14,400 | 14,400 | - | - | 20,880 | 6.1 | 34,800 | 10.2 | 38,976 | 11.4 | 2,491 | 2,560 | 3,700 |
| | 5 | 7 | 18 | | | 30 | 5,750 | 8,050 | 20,700 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 9 | 9 | 12 | | | 30 | 10,350 | 10,350 | 13,800 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 12 | 12 | | | 31 | 7,790 | 13,355 | 13,355 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 9 | 18 | | | 32 | 5,391 | 9,703 | 19,406 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 7 | 18 | | | 32 | 7,547 | 7,547 | 19,406 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 9 | 12 | 12 | | | 33 | 9,409 | 12,545 | 12,545 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 9 | 18 | | | 34 | 7,103 | 9,132 | 18,265 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 5 | 24 | | | 34 | 5,074 | 5,074 | 24,353 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 12 | 18 | | | 35 | 4,929 | 11,829 | 17,743 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 7 | 24 | | | 36 | 4,792 | 6,708 | 23,000 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 12 | 12 | 12 | | | 36 | 11,500 | 11,500 | 11,500 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 9 | 9 | 18 | | | 36 | 8,625 | 8,625 | 17,250 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 12 | 18 | | | 37 | 6,527 | 11,189 | 16,784 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 9 | 24 | | | 38 | 4,539 | 8,171 | 21,789 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 7 | 24 | | | 38 | 6,355 | 6,355 | 21,789 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 9 | 12 | 18 | | | 39 | 7,962 | 10,615 | 15,923 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 9 | 24 | | | 40 | 6,038 | 7,763 | 20,700 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 12 | 24 | | | 41 | 4,207 | 10,098 | 20,195 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 18 | 18 | | | 41 | 4,207 | 15,146 | 15,146 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 12 | 12 | 18 | | | 42 | 9,857 | 9,857 | 14,786 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 9 | 9 | 24 | | | 42 | 7,393 | 7,393 | 19,714 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 18 | 18 | | | 43 | 5,616 | 14,442 | 14,442 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 7 | 12 | 24 | | | 43 | 5,616 | 9,628 | 19,256 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 9 | 18 | 18 | | | 45 | 6,900 | 13,800 | 13,800 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 9 | 12 | 24 | | | 45 | 6,900 | 9,200 | 18,400 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 5 | 18 | 24 | | | 47 | 3,670 | 13,213 | 17,617 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 12 | 18 | 18 | | | 48 | 8,625 | 12,938 | 12,938 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| | 12 | 12 | 24 | | | 48 | 8,625 | 8,625 | 17,250 | - | - | 20,700 | 6.1 | 34,500 | 10.1 | 39,675 | 11.6 | 2,491 | 2,690 | 3,800 |
| 4Unit | 5 | 5 | 5 | 5 | | 20 | 6,000 | 6,000 | 6,000 | 6,000 | - | 14,400 | 4.2 | 24,000 | 7.0 | 28,800 | 8.4 | 1,820 | 1,820 | 2,920 |
| | 5 | 5 | 5 | 7 | | 22 | 6,000 | 6,000 | 6,000 | 8,400 | - | 15,840 | 4.6 | 26,400 | 7.7 | 31,680 | 9.3 | 1,920 | 1,920 | 3,100 |
| | 5 | 5 | 5 | 9 | | 24 | 6,000 | 6,000 | 6,000 | 10,800 | - | 17,280 | 5.1 | 28,800 | 8.4 | 34,560 | 10.1 | 2,095 | 2,130 | 3,240 |
| | 5 | 5 | 7 | 7 | | 24 | 6,000 | 6,000 | 8,400 | 8,400 | - | 17,280 | 5.1 | 28,800 | 8.4 | 34,560 | 10.1 | 2,095 | 2,130 | 3,240 |
| | 5 | 5 | 7 | 9 | | 26 | 6,000 | 6,000 | 8,400 | 10,800 | - | 18,720 | 5.5 | 31,200 | 9.1 | 37,440 | 11.0 | 2,157 | 2,290 | 3,480 |
| | 5 | 7 | 7 | 7 | | 26 | 6,000 | 8,400 | 8,400 | 8,400 | - | 18,720 | 5.5 | 31,200 | 9.1 | 37,440 | 11.0 | 2,095 | 2,290 | 3,480 |
| | 5 | 5 | 5 | 12 | | 27 | 6,000 | 6,000 | 6,000 | 14,400 | - | 19,440 | 5.7 | 32,400 | 9.5 | 38,880 | 11.4 | 2,157 | 2,380 | 3,610 |
| | 5 | 5 | 9 | 9 | | 28 | 6,000 | 6,000 | 10,800 | 10,800 | - | 20,160 | 5.9 | 33,600 | 9.8 | 40,320 | 11.8 | 2,095 | 2,470 | 3,740 |
| | 5 | 7 | 7 | 9 | | 28 | 6,000 | 8,400 | 8,400 | 10,800 | - | 20,160 | 5.9 | 33,600 | 9.8 | 40,320 | 11.8 | 2,095 | 2,470 | 3,740 |
| | 7 | 7 | 7 | 7 | | 28 | 8,400 | 8,400 | 8,400 | 8,400 | - | 20,160 | 5.9 | 33,600 | 9.8 | 40,320 | 11.8 | 2,095 | 2,470 | 3,740 |
| | 5 | 5 | 7 | 12 | | 29 | 5,750 | 5,750 | 8,050 | 13,800 | - | 20,010 | 5.9 | 33,350 | 9.8 | 40,020 | 11.7 | 2,157 | 2,510 | 3,790 |
| | 5 | 7 | 9 | 9 | | 30 | 5,750 | 8,050 | 10,350 | 10,350 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 7 | 9 | | 30 | 8,050 | 8,050 | 8,050 | 10,350 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 5 | 9 | 12 | | 31 | 5,565 | 5,565 | 10,016 | 13,355 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |



Combination Table_ MULTI

## MU5M30 U40

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Heating | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | Total Capacity | | | | | | Input (W) | | | |
| | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 4Unit | 5 | 7 | 7 | 12 | | 31 | 5,565 | 7,790 | 7,790 | 13,355 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 9 | 9 | | 32 | 7,547 | 7,547 | 9,703 | 9,703 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 9 | 9 | 9 | | 32 | 5,391 | 9,703 | 9,703 | 9,703 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 5 | 5 | 18 | | 33 | 5,227 | 5,227 | 5,227 | 18,818 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 7 | 9 | 12 | | 33 | 5,227 | 7,318 | 9,409 | 12,545 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 7 | 12 | | 33 | 7,318 | 7,318 | 7,318 | 12,545 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 5 | 12 | 12 | | 34 | 5,074 | 5,074 | 12,176 | 12,176 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 9 | 9 | 9 | | 34 | 7,103 | 9,132 | 9,132 | 9,132 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 5 | 7 | 18 | | 35 | 4,929 | 4,929 | 6,900 | 17,743 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 9 | 9 | 12 | | 35 | 4,929 | 8,871 | 8,871 | 11,829 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 9 | 12 | | 35 | 6,900 | 6,900 | 8,871 | 11,829 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 7 | 12 | 12 | | 36 | 4,792 | 6,708 | 11,500 | 11,500 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 9 | 9 | 9 | 9 | | 36 | 8,625 | 8,625 | 8,625 | 8,625 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 5 | 9 | 18 | | 37 | 4,662 | 4,662 | 8,392 | 16,784 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 7 | 7 | 18 | | 37 | 4,662 | 6,527 | 6,527 | 16,784 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 9 | 9 | 12 | | 37 | 6,527 | 8,392 | 8,392 | 11,189 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 12 | 12 | | 38 | 6,355 | 6,355 | 10,895 | 10,895 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 5 | 5 | 24 | | 39 | 4,423 | 4,423 | 4,423 | 21,231 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 7 | 9 | 18 | | 39 | 4,423 | 6,192 | 7,962 | 15,923 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 9 | 9 | 9 | 12 | | 39 | 7,962 | 7,962 | 7,962 | 10,615 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 7 | 18 | | 39 | 6,192 | 6,192 | 6,192 | 15,923 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 9 | 12 | 12 | | 40 | 6,038 | 7,763 | 10,350 | 10,350 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 5 | 7 | 24 | | 41 | 4,207 | 4,207 | 5,890 | 20,195 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 12 | 12 | 12 | | 41 | 4,207 | 10,098 | 10,098 | 10,098 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 9 | 18 | | 41 | 5,890 | 5,890 | 7,573 | 15,146 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 9 | 9 | 12 | 12 | | 42 | 7,393 | 7,393 | 9,857 | 9,857 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 12 | 12 | 12 | | 43 | 5,616 | 9,628 | 9,628 | 9,628 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 9 | 9 | 18 | | 43 | 5,616 | 7,221 | 7,221 | 14,442 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 12 | 18 | | 44 | 5,489 | 5,489 | 9,409 | 14,114 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 9 | 12 | 12 | 12 | | 45 | 6,900 | 9,200 | 9,200 | 9,200 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 9 | 9 | 9 | 18 | | 45 | 6,900 | 6,900 | 6,900 | 13,800 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 7 | 24 | | 45 | 5,367 | 5,367 | 5,367 | 18,400 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 9 | 12 | 18 | | 46 | 5,250 | 6,750 | 9,000 | 13,500 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 5 | 12 | 12 | 18 | | 47 | 3,670 | 8,809 | 8,809 | 13,213 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 7 | 7 | 9 | 24 | | 47 | 5,138 | 5,138 | 6,606 | 17,617 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 12 | 12 | 12 | 12 | | 48 | 8,625 | 8,625 | 8,625 | 8,625 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| | 9 | 9 | 12 | 18 | | 48 | 6,469 | 6,469 | 8,625 | 12,938 | - | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 2,157 | 2,610 | 3,770 |
| 5Unit | 5 | 5 | 5 | 5 | 5 | 25 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 18,000 | 5.3 | 30,000 | 8.8 | 36,000 | 10.6 | 1,800 | 1,970 | 3,470 |
| | 5 | 5 | 5 | 5 | 7 | 27 | 6,000 | 6,000 | 6,000 | 6,000 | 8,400 | 19,440 | 5.7 | 32,400 | 9.5 | 38,880 | 11.4 | 1,800 | 2,070 | 3,530 |
| | 5 | 5 | 5 | 5 | 9 | 29 | 5,750 | 5,750 | 5,750 | 5,750 | 10,350 | 20,010 | 5.9 | 33,350 | 9.8 | 40,020 | 11.7 | 1,800 | 2,140 | 3,650 |
| | 5 | 5 | 5 | 7 | 7 | 29 | 5,750 | 5,750 | 5,750 | 8,050 | 8,050 | 20,010 | 5.9 | 33,350 | 9.8 | 40,020 | 11.7 | 1,800 | 2,140 | 3,650 |
| | 5 | 5 | 5 | 7 | 9 | 31 | 5,565 | 5,565 | 5,565 | 7,790 | 10,016 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 7 | 7 | 7 | 31 | 5,565 | 5,565 | 7,790 | 7,790 | 7,790 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 5 | 5 | 12 | 32 | 5,391 | 5,391 | 5,391 | 5,391 | 12,938 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 5 | 9 | 9 | 33 | 5,227 | 5,227 | 5,227 | 9,409 | 9,409 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 7 | 7 | 9 | 33 | 5,227 | 5,227 | 7,318 | 7,318 | 9,409 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 7 | 7 | 7 | 7 | 33 | 5,227 | 7,318 | 7,318 | 7,318 | 7,318 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 5 | 7 | 12 | 34 | 5,074 | 5,074 | 5,074 | 7,103 | 12,176 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 7 | 7 | 7 | 9 | 35 | 4,929 | 6,900 | 6,900 | 6,900 | 8,871 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 7 | 7 | 7 | 7 | 7 | 35 | 6,900 | 6,900 | 6,900 | 6,900 | 6,900 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 5 | 9 | 12 | 36 | 4,792 | 4,792 | 4,792 | 8,625 | 11,500 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 7 | 7 | 12 | 36 | 4,792 | 4,792 | 6,708 | 6,708 | 11,500 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 9 | 9 | 9 | 37 | 4,662 | 4,662 | 8,392 | 8,392 | 8,392 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 7 | 7 | 9 | 9 | 37 | 4,662 | 6,527 | 6,527 | 8,392 | 8,392 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 7 | 7 | 7 | 7 | 9 | 37 | 6,527 | 6,527 | 6,527 | 6,527 | 8,392 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 5 | 5 | 18 | 38 | 4,539 | 4,539 | 4,539 | 4,539 | 16,342 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 7 | 7 | 7 | 12 | 38 | 4,539 | 6,355 | 6,355 | 6,355 | 10,895 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 5 | 12 | 12 | 39 | 4,423 | 4,423 | 4,423 | 10,615 | 10,615 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 7 | 7 | 7 | 9 | 9 | 39 | 6,192 | 6,192 | 6,192 | 7,962 | 7,962 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 7 | 9 | 9 | 9 | 39 | 4,423 | 6,192 | 7,962 | 7,962 | 7,962 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 5 | 7 | 18 | 40 | 4,313 | 4,313 | 4,313 | 6,038 | 15,525 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 5 | 9 | 9 | 12 | 40 | 4,313 | 4,313 | 7,763 | 7,763 | 10,350 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 7 | 7 | 9 | 12 | 40 | 4,313 | 6,038 | 6,038 | 7,763 | 10,350 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 7 | 7 | 7 | 7 | 12 | 40 | 6,038 | 6,038 | 6,038 | 6,038 | 10,350 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 5 | 9 | 9 | 9 | 9 | 41 | 4,207 | 7,573 | 7,573 | 7,573 | 7,573 | 20,700 | 6.1 | 34,500 | 10.1 | 41,400 | 12.1 | 1,800 | 2,200 | 3,750 |
| | 7 | 7 | 9 | 9 | 9 | 41 | 5,890 | 5,890 | 7,573 | 7,573 | 7,

# MU5M40 UH0

## MU5M40 UH0

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Cooling | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | - | - | - | - | 5 | 5,000 | - | - | - | - | | 4,800 | 0.9 | 5,000 | 1.5 | 5,750 | 1.7 | 1,038 | 1,730 | 2,076 |
| | 7 | - | - | - | - | 7 | 7,000 | - | - | - | - | | 6,300 | 1.2 | 7,000 | 2.1 | 8,050 | 2.4 | 1,038 | 1,730 | 2,076 |
| | 9 | - | - | - | - | 9 | 9,000 | - | - | - | - | | 6,300 | 1.6 | 9,000 | 2.6 | 10,350 | 3.0 | 1,038 | 1,730 | 2,076 |
| | 12 | - | - | - | - | 12 | 12,000 | - | - | - | - | | 7,200 | 2.1 | 12,000 | 3.5 | 13,800 | 4.0 | 1,038 | 1,730 | 2,076 |
| | 18 | - | - | - | - | 18 | 18,000 | - | - | - | - | | 10,800 | 3.2 | 18,000 | 5.3 | 20,700 | 6.1 | 1,107 | 1,845 | 2,280 |
| | 24 | - | - | - | - | 24 | 24,000 | - | - | - | - | | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,420 | 2,366 | 2,960 |
| 2 Unit | 5 | 5 | - | - | - | 10 | 5,000 | 5,000 | - | - | - | | 6,000 | 1.8 | 10,000 | 2.9 | 11,500 | 3.4 | 1,038 | 1,730 | 2,076 |
| | 5 | 7 | - | - | - | 12 | 5,000 | 7,000 | - | - | - | | 7,200 | 2.1 | 12,000 | 3.5 | 13,800 | 4.0 | 1,038 | 1,730 | 2,076 |
| | 5 | 9 | - | - | - | 14 | 5,000 | 9,000 | - | - | - | | 8,400 | 2.5 | 14,000 | 4.1 | 16,100 | 4.7 | 1,038 | 1,730 | 2,076 |
| | 7 | 7 | - | - | - | 14 | 7,000 | 7,000 | - | - | - | | 8,400 | 2.5 | 14,000 | 4.1 | 16,100 | 4.7 | 1,038 | 1,730 | 2,076 |
| | 7 | 9 | - | - | - | 16 | 7,000 | 9,000 | - | - | - | | 9,600 | 2.8 | 16,000 | 4.7 | 18,400 | 5.4 | 1,038 | 1,730 | 2,140 |
| | 5 | 12 | - | - | - | 17 | 5,000 | 12,000 | - | - | - | | 10,200 | 3.0 | 17,000 | 5.0 | 19,550 | 5.7 | 1,136 | 1,894 | 2,360 |
| | 9 | 9 | - | - | - | 18 | 9,000 | 9,000 | - | - | - | | 10,800 | 3.2 | 18,000 | 5.3 | 20,700 | 6.1 | 1,107 | 1,845 | 2,280 |
| | 7 | 12 | - | - | - | 19 | 7,000 | 12,000 | - | - | - | | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,136 | 1,894 | 2,360 |
| | 9 | 12 | - | - | - | 21 | 9,000 | 12,000 | - | - | - | | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,244 | 2,074 | 2,575 |
| | 5 | 18 | - | - | - | 23 | 5,000 | 18,000 | - | - | - | | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,459 | 2,432 | 3,024 |
| | 12 | 12 | - | - | - | 24 | 12,000 | 12,000 | - | - | - | | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,420 | 2,366 | 2,960 |
| | 7 | 18 | - | - | - | 25 | 7,000 | 18,000 | - | - | - | | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,459 | 2,432 | 3,024 |
| | 9 | 18 | - | - | - | 27 | 9,000 | 18,000 | - | - | - | | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,536 | 2,560 | 3,190 |
| | 5 | 24 | - | - | - | 29 | 5,000 | 24,000 | - | - | - | | 17,400 | 5.1 | 29,000 | 8.5 | 33,350 | 9.8 | 1,696 | 2,826 | 3,524 |
| | 12 | 18 | - | - | - | 30 | 12,000 | 18,000 | - | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,688 | 2,814 | 3,487 |
| | 7 | 24 | - | - | - | 31 | 7,000 | 24,000 | - | - | - | | 18,600 | 5.5 | 31,000 | 9.1 | 35,650 | 10.4 | 1,696 | 2,826 | 3,524 |
| | 9 | 24 | - | - | - | 33 | 9,000 | 24,000 | - | - | - | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 1,788 | 2,980 | 3,712 |
| | 18 | 18 | - | - | - | 36 | 18,000 | 18,000 | - | - | - | | 21,600 | 6.3 | 36,000 | 10.6 | 41,400 | 12.1 | 2,020 | 3,366 | 4,232 |
| | 12 | 24 | - | - | - | 36 | 12,000 | 24,000 | - | - | - | | 21,600 | 6.3 | 36,000 | 10.6 | 41,400 | 12.1 | 2,020 | 3,366 | 4,232 |
| | 18 | 24 | - | - | - | 42 | 17,143 | 22,857 | - | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 24 | 24 | - | - | - | 48 | 20,000 | 20,000 | - | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 3Unit | 5 | 5 | 5 | - | - | 15 | 5,000 | 5,000 | 5,000 | - | - | | 9,000 | 2.6 | 15,000 | 4.4 | 17,250 | 5.1 | 1,244 | 2,074 | 2,575 |
| | 5 | 5 | 7 | - | - | 17 | 5,000 | 5,000 | 7,000 | - | - | | 10,200 | 3.0 | 17,000 | 5.0 | 19,550 | 5.7 | 1,244 | 2,074 | 2,575 |
| | 5 | 5 | 9 | - | - | 19 | 5,000 | 5,000 | 9,000 | - | - | | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,244 | 2,074 | 2,575 |
| | 5 | 7 | 7 | - | - | 19 | 5,000 | 7,000 | 7,000 | - | - | | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,244 | 2,074 | 2,575 |
| | 5 | 7 | 9 | - | - | 21 | 5,000 | 7,000 | 9,000 | - | - | | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,244 | 2,074 | 2,575 |
| | 7 | 7 | 7 | - | - | 21 | 7,000 | 7,000 | 7,000 | - | - | | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,244 | 2,074 | 2,575 |
| | 5 | 5 | 12 | - | - | 22 | 5,000 | 5,000 | 12,000 | - | - | | 13,200 | 3.9 | 22,000 | 6.4 | 25,300 | 7.4 | 1,501 | 2,502 | 3,140 |
| | 7 | 7 | 9 | - | - | 23 | 7,000 | 7,000 | 9,000 | - | - | | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,317 | 2,195 | 2,708 |
| | 5 | 9 | 9 | - | - | 23 | 5,000 | 9,000 | 9,000 | - | - | | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.8 | 1,459 | 2,432 | 3,024 |
| | 5 | 7 | 12 | - | - | 24 | 5,000 | 7,000 | 12,000 | - | - | | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,501 | 2,502 | 3,140 |
| | 7 | 9 | 9 | - | - | 25 | 7,000 | 9,000 | 9,000 | - | - | | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,459 | 2,432 | 3,024 |
| | 5 | 9 | 12 | - | - | 26 | 5,000 | 9,000 | 12,000 | - | - | | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,593 | 2,655 | 3,310 |
| | 7 | 7 | 12 | - | - | 26 | 7,000 | 7,000 | 12,000 | - | - | | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,501 | 2,502 | 3,140 |
| | 9 | 9 | 9 | - | - | 27 | 9,000 | 9,000 | 9,000 | - | - | | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,536 | 2,560 | 3,190 |
| | 7 | 9 | 12 | - | - | 28 | 7,000 | 9,000 | 12,000 | - | - | | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,593 | 2,655 | 3,310 |
| | 5 | 5 | 18 | - | - | 28 | 5,000 | 5,000 | 18,000 | - | - | | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,755 | 2,925 | 3,640 |
| | 5 | 12 | 12 | - | - | 29 | 5,000 | 12,000 | 12,000 | - | - | | 17,400 | 5.1 | 29,000 | 8.5 | 33,350 | 9.8 | 1,696 | 2,826 | 3,524 |
| | 5 | 7 | 18 | - | - | 30 | 5,000 | 7,000 | 18,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,755 | 2,925 | 3,640 |
| | 9 | 9 | 12 | - | - | 30 | 9,000 | 9,000 | 12,000 | - | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,688 | 2,814 | 3,487 |
| | 7 | 12 | 12 | - | - | 31 | 7,000 | 12,000 | 12,000 | - | - | | 18,600 | 5.5 | 31,000 | 9.1 | 35,650 | 10.4 | 1,696 | 2,826 | 3,524 |
| | 5 | 9 | 18 | - | - | 32 | 5,000 | 9,000 | 18,000 | - | - | | 19,200 | 5.6 | 32,000 | 9.4 | 36,800 | 10.8 | 1,755 | 2,925 | 3,640 |
| | 7 | 7 | 18 | - | - | 32 | 7,000 | 7,000 | 18,000 | - | - | | 19,200 | 5.6 | 32,000 | 9.4 | 36,800 | 10.8 | 1,872 | 3,120 | 3,820 |
| | 9 | 12 | 12 | - | - | 33 | 9,000 | 12,000 | 12,000 | - | - | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 1,788 | 2,980 | 3,712 |
| | 7 | 9 | 18 | - | - | 34 | 7,000 | 9,000 | 18,000 | - | - | | 20,400 | 6.0 | 34,000 | 10.0 | 39,100 | 11.5 | 1,872 | 3,120 | 3,820 |
| | 5 | 5 | 24 | - | - | 34 | 5,000 | 5,000 | 24,000 | - | - | | 20,400 | 6.0 | 34,000 | 10.0 | 39,100 | 11.5 | 2,144 | 3,574 | 4,500 |
| | 5 | 12 | 18 | - | - | 35 | 5,000 | 12,000 | 18,000 | - | - | | 21,000 | 6.2 | 35,000 | 10.3 | 40,250 | 11.8 | 2,106 | 3,510 | 4,410 |
| | 5 | 7 | 24 | - | - | 36 | 5,000 | 7,000 | 24,000 | - | - | | 21,600 | 6.3 | 36,000 | 10.6 | 41,400 | 12.1 | 2,144 | 3,574 | 4,500 |
| | 12 | 12 | 12 | - | - | 36 | 12,000 | 12,000 | 12,000 | - | - | | 21,600 | 6.3 | 36,000 | 10.6 | 41,400 | 12.1 | 2,020 | 3,366 | 4,232 |
| | 9 | 9 | 18 | - | - | 36 | 9,000 | 9,000 | 18,000 | - | - | | 21,600 | 6.3 | 36,000 | 10.6 | 41,400 | 12.1 | 2,020 | 3,366 | 4,232 |
| | 7 | 12 | 18 | - | - | 37 | 7,000 | 12,000 | 18,000 | - | - | | 22,200 | 6.5 | 37,000 | 10.8 | 42,550 | 12.5 | 2,106 | 3,510 | 4,410 |
| | 5 | 9 | 24 | - | - | 38 | 5,000 | 9,000 | 24,000 | - | - | | 22,800 | 6.7 | 38,000 | 11.1 | 43,700 | 12.8 | 2,178 | 3,630 | 4,652 |
| | 7 | 7 | 24 | - | - | 38 | 7,000 | 7,000 | 24,000 | - | - | | 22,800 | 6.7 | 38,000 | 11.1 | 43,700 | 12.8 | 2,144 | 3,574 | 4,500 |
| | 9 | 12 | 18 | - | - | 39 | 9,000 | 12,000 | 18,000 | - | - | | 23,400 | 6.9 | 39,000 | 11.4 | 44,850 | 13.1 | 2,173 | 3,621 | 4,570 |
| | 7 | 9 | 24 | - | - | 40 | 7,000 | 9,000 | 24,000 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 5 | 12 | 24 | - | - | 41 | 4,878 | 11,707 | 23,415 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 5 | 18 | 18 | - | - | 41 | 4,878 | 17,561 | 17,561 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 12 | 12 | 18 | - | - | 42 | 11,429 | 11,429 | 17,143 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 9 | 9 | 24 | - | - | 42 | 8,571 | 8,571 | 22,857 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 18 | 18 | - | - | 43 | 6,512 | 16,744 | 16,744 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 12 | 24 | - | - | 43 | 6,512 | 11,163 | 22,326 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 9 | 18 | 18 | - | - | 45 | 8,000 | 16,000 | 16,000 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 9 | 12 | 24 | - | - | 45 | 8,000 | 10,667 | 21,333 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 5 | 18 | 24 | - | - | 47 | 4,255 | 15,319 | 20,426 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 12 | 18 | 18 | - | - | 48 | 10,000 | 15,000 | 15,000 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 12 | 12 | 24 | - | - | 48 | 10,000 | 10,000 | 20,000 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 7 | 18 | 24 | - | - | 49 | 5,714 | 14,694 | 19,592 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 9 | 18 | 24 | - | - | 51 | 7,059 | 14,118 | 18,824 | - | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 4Unit | 5 | 5 | 5 | 5 | - | 20 | 5,000 | 5,000 | 5,000 | 5,000 | - | | 12,000 | 3.5 | 20,000 | 5.9 | 23,000 | 6.7 | 1,593 | 2,655 | 3,310 |
| | 5 | 5 | 5 | 7 | - | 22 | 5,000 | 5,000 | 5,000 | 7,000 | - | | 13,200 | 3.9 | 22,000 | 6.4 | 25,300 | 7.4 | 1,593 | 2,655 | 3,310 |
| | 5 | 5 | 5 | 9 | - | 24 | 5,000 | 5,000 | 5,000 | 9,000 | - | | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,688 | 2,814 | 3,487 |
| | 5 | 5 | 7 | 7 | - | 24 | 5,000 | 5,000 | 7,000 | 7,000 | - | | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,593 | 2,655 | 3,310 |
| | 5 | 5 | 7 | 9 | - | 26 | 5,000 | 5,000 | 7,000 | 9,000 | - | | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,688 | 2,814 | 3,487 |
| | 5 | 7 | 7 | 7 | - | 26 | 5,000 | 7,000 | 7,000 | 7,000 | - | | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,593 | 2,655 | 3,310 |
| | 5 | 5 | 5 | 12 | - | 27 | 5,000 | 5,000 | 5,000 | 12,000 | - | | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,788 | 2,980 | 3,712 |
| | 5 | 5 | 9 | 9 | - | 28 | 5,000 | 5,000 | 9,000 | 9,000 | - | | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,755 | 2,925 | 3,640 |
| | 5 | 7 | 7 | 9 | - | 28 | 5,000 | 7,000 | 7,000 | 9,000 | - | | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,688 | 2,814 | 3,487 |
| | 7 | 7 | 7 | 7 | - | 28 | 7,000 | 7,000 | 7,000 | 7,000 | - | | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,593 | 2,655 | 3,310 |
| | 5 | 5 | 7 | 12 | - | 29 | 5,000 | 5,000 | 7,000 | 12,000 | - | | 17,400 | 5.1 | 29,000 | 8.5 | 33,350 | 9.8 | 1,788 | 2,980 | 3,712 |
| | 5 | 7 | 9 | 9 | - | 30 | 5,000 | 7,000 | 9,000 | 9,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,755 | 2,925 | 3,640 |





## MU5M40 UH0

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Cooling | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 4Unit | 7 | 7 | 7 | 9 | - | 30 | 7,000 | 7,000 | 7,000 | 9,000 | - | | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,688 | 2,814 | 3,487 |
| | 5 | 5 | 9 | 12 | - | 31 | 5,000 | 5,000 | 9,000 | 12,000 | - | | 18,600 | 5.5 | 31,000 | 9.1 | 35,650 | 10.4 | 1,944 | 3,240 | 4,068 |
| | 5 | 7 | 7 | 12 | - | 31 | 5,000 | 7,000 | 7,000 | 12,000 | - | | 18,600 | 5.5 | 31,000 | 9.1 | 35,650 | 10.4 | 1,788 | 2,980 | 3,712 |
| | 7 | 7 | 9 | 9 | - | 32 | 7,000 | 7,000 | 9,000 | 9,000 | - | | 19,200 | 5.6 | 32,000 | 9.4 | 36,800 | 10.8 | 1,755 | 2,925 | 3,640 |
| | 5 | 9 | 9 | 9 | - | 32 | 5,000 | 9,000 | 9,000 | 9,000 | - | | 19,200 | 5.6 | 32,000 | 9.4 | 36,800 | 10.8 | 1,872 | 3,120 | 3,820 |
| | 5 | 5 | 5 | 18 | - | 33 | 5,000 | 5,000 | 5,000 | 18,000 | - | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 2,173 | 3,621 | 4,570 |
| | 5 | 7 | 9 | 12 | - | 33 | 5,000 | 7,000 | 9,000 | 12,000 | - | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 1,944 | 3,240 | 4,068 |
| | 7 | 7 | 7 | 12 | - | 33 | 7,000 | 7,000 | 7,000 | 12,000 | - | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 1,788 | 2,980 | 3,712 |
| | 5 | 5 | 12 | 12 | - | 34 | 5,000 | 5,000 | 12,000 | 12,000 | - | | 20,400 | 6.0 | 34,000 | 10.0 | 39,100 | 11.5 | 2,144 | 3,574 | 4,500 |
| | 7 | 9 | 9 | 9 | - | 34 | 7,000 | 9,000 | 9,000 | 9,000 | - | | 20,400 | 6.0 | 34,000 | 10.0 | 39,100 | 11.5 | 1,872 | 3,120 | 3,820 |
| | 5 | 5 | 7 | 18 | - | 35 | 5,000 | 5,000 | 7,000 | 18,000 | - | | 21,000 | 6.2 | 35,000 | 10.3 | 40,250 | 11.8 | 2,173 | 3,621 | 4,570 |
| | 5 | 9 | 9 | 12 | - | 35 | 5,000 | 9,000 | 9,000 | 12,000 | - | | 21,000 | 6.2 | 35,000 | 10.3 | 40,250 | 11.8 | 2,106 | 3,510 | 4,410 |
| | 7 | 7 | 9 | 12 | - | 35 | 7,000 | 7,000 | 9,000 | 12,000 | - | | 21,000 | 6.2 | 35,000 | 10.3 | 40,250 | 11.8 | 1,944 | 3,240 | 4,068 |
| | 5 | 7 | 12 | 12 | - | 36 | 5,000 | 7,000 | 12,000 | 12,000 | - | | 21,600 | 6.3 | 36,000 | 10.6 | 41,400 | 12.1 | 2,144 | 3,574 | 4,500 |
| | 9 | 9 | 9 | 9 | - | 36 | 9,000 | 9,000 | 9,000 | 9,000 | - | | 21,600 | 6.3 | 36,000 | 10.6 | 41,400 | 12.1 | 2,020 | 3,366 | 4,232 |
| | 5 | 5 | 9 | 18 | - | 37 | 5,000 | 5,000 | 9,000 | 18,000 | - | | 22,200 | 6.5 | 37,000 | 10.8 | 42,550 | 12.5 | 2,190 | 3,650 | 4,652 |
| | 5 | 7 | 7 | 18 | - | 37 | 5,000 | 7,000 | 7,000 | 18,000 | - | | 22,200 | 6.5 | 37,000 | 10.8 | 42,550 | 12.5 | 2,173 | 3,621 | 4,570 |
| | 7 | 9 | 9 | 12 | - | 37 | 7,000 | 9,000 | 9,000 | 12,000 | - | | 22,200 | 6.5 | 37,000 | 10.8 | 42,550 | 12.5 | 2,106 | 3,510 | 4,410 |
| | 7 | 7 | 12 | 12 | - | 38 | 7,000 | 7,000 | 12,000 | 12,000 | - | | 22,800 | 6.7 | 38,000 | 11.1 | 43,700 | 12.8 | 2,144 | 3,574 | 4,500 |
| | 5 | 5 | 5 | 24 | - | 39 | 5,000 | 5,000 | 5,000 | 24,000 | - | | 23,400 | 6.9 | 39,000 | 11.4 | 44,850 | 13.1 | 2,190 | 3,650 | 4,652 |
| | 5 | 7 | 9 | 18 | - | 39 | 5,000 | 7,000 | 9,000 | 18,000 | - | | 23,400 | 6.9 | 39,000 | 11.4 | 44,850 | 13.1 | 2,190 | 3,650 | 4,652 |
| | 9 | 9 | 9 | 12 | - | 39 | 9,000 | 9,000 | 9,000 | 12,000 | - | | 23,400 | 6.9 | 39,000 | 11.4 | 44,850 | 13.1 | 2,173 | 3,621 | 4,570 |
| | 7 | 7 | 7 | 18 | - | 39 | 7,000 | 7,000 | 7,000 | 18,000 | - | | 23,400 | 6.9 | 39,000 | 11.4 | 44,850 | 13.1 | 2,173 | 3,621 | 4,570 |
| | 7 | 9 | 12 | 12 | - | 40 | 7,000 | 9,000 | 12,000 | 12,000 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 5 | 5 | 7 | 24 | - | 41 | 4,878 | 4,878 | 6,829 | 23,415 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 5 | 12 | 12 | 12 | - | 41 | 4,878 | 11,707 | 11,707 | 11,707 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 7 | 9 | 18 | - | 41 | 6,829 | 6,829 | 8,780 | 17,561 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 9 | 9 | 12 | 12 | - | 42 | 8,571 | 8,571 | 11,429 | 11,429 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 12 | 12 | 12 | - | 43 | 6,512 | 11,163 | 11,163 | 11,163 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 9 | 9 | 18 | - | 43 | 6,512 | 8,372 | 8,372 | 16,744 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 7 | 12 | 18 | - | 44 | 6,364 | 6,364 | 10,909 | 16,364 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 9 | 12 | 12 | 12 | - | 45 | 8,000 | 10,667 | 10,667 | 10,667 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 9 | 9 | 9 | 18 | - | 45 | 8,000 | 8,000 | 8,000 | 16,000 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 7 | 7 | 24 | - | 45 | 6,222 | 6,222 | 6,222 | 21,333 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| | 7 | 9 | 12 | 18 | - | 46 | 6,087 | 7,826 | 10,435 | 15,652 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 5 | 5 | 18 | 18 | - | 46 | 4,348 | 4,348 | 15,652 | 15,652 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 5 | 12 | 12 | 18 | - | 47 | 4,255 | 10,213 | 10,213 | 15,319 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 7 | 7 | 9 | 24 | - | 47 | 5,957 | 5,957 | 7,660 | 20,426 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 5 | 7 | 18 | 18 | - | 48 | 4,167 | 5,833 | 15,000 | 15,000 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 12 | 12 | 12 | 12 | - | 48 | 10,000 | 10,000 | 10,000 | 10,000 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 9 | 9 | 12 | 18 | - | 48 | 7,500 | 7,500 | 10,000 | 15,000 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 7 | 12 | 12 | 18 | - | 49 | 5,714 | 9,796 | 9,796 | 14,694 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 7 | 9 | 9 | 24 | - | 49 | 5,714 | 7,347 | 7,347 | 19,592 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 5 | 9 | 18 | 18 | - | 50 | 4,000 | 7,200 | 14,400 | 14,400 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 7 | 7 | 12 | 24 | - | 50 | 5,600 | 5,600 | 9,600 | 19,200 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 7 | 7 | 18 | 18 | - | 50 | 5,600 | 5,600 | 14,400 | 14,400 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 9 | 12 | 12 | 18 | - | 51 | 7,059 | 9,412 | 9,412 | 14,118 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 9 | 9 | 9 | 24 | - | 51 | 7,059 | 7,059 | 7,059 | 18,824 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 5 | 5 | 18 | 24 | - | 52 | 3,846 | 3,846 | 13,846 | 18,462 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| | 7 | 9 | 12 | 24 | - | 52 | 5,385 | 6,923 | 9,231 | 18,462 | - | | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 5Unit | 5 | 5 | 5 | 5 | 5 | 25 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,944 | 3,240 | 4,068 |
| | 5 | 5 | 5 | 5 | 7 | 27 | 5,000 | 5,000 | 5,000 | 5,000 | 7,000 | | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,944 | 3,240 | 4,068 |
| | 5 | 5 | 5 | 5 | 9 | 29 | 5,000 | 5,000 | 5,000 | 5,000 | 9,000 | | 17,400 | 5.1 | 29,000 | 8.5 | 33,350 | 9.8 | 2,106 | 3,510 | 4,410 |
| | 5 | 5 | 5 | 7 | 7 | 29 | 5,000 | 5,000 | 5,000 | 7,000 | 7,000 | | 17,400 | 5.1 | 29,000 | 8.5 | 33,350 | 9.8 | 1,944 | 3,240 | 4,068 |
| | 5 | 5 | 5 | 7 | 9 | 31 | 5,000 | 5,000 | 5,000 | 7,000 | 9,000 | | 18,600 | 5.5 | 31,000 | 9.1 | 35,650 | 10.4 | 2,106 | 3,510 | 4,410 |
| | 5 | 5 | 7 | 7 | 7 | 31 | 5,000 | 5,000 | 7,000 | 7,000 | 7,000 | | 18,600 | 5.5 | 31,000 | 9.1 | 35,650 | 10.4 | 1,944 | 3,240 | 4,068 |
| | 5 | 5 | 5 | 5 | 12 | 32 | 5,000 | 5,000 | 5,000 | 5,000 | 12,000 | | 19,200 | 5.6 | 32,000 | 9.4 | 36,800 | 10.8 | 2,178 | 3,630 | 4,652 |
| | 5 | 5 | 5 | 9 | 9 | 33 | 5,000 | 5,000 | 5,000 | 9,000 | 9,000 | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 2,106 | 3,510 | 4,410 |
| | 5 | 5 | 7 | 7 | 9 | 33 | 5,000 | 5,000 | 7,000 | 7,000 | 9,000 | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 2,173 | 3,621 | 4,570 |
| | 5 | 5 | 7 | 7 | 7 | 33 | 5,000 | 5,000 | 7,000 | 7,000 | 7,000 | | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 1,944 | 3,240 | 4,068 |
| | 5 | 5 | 5 | 7 | 12 | 34 | 5,000 | 5,000 | 5,000 | 7,000 | 12,000 | | 20,400 | 6.0 | 34,000 | 10.0 | 39,100 | 11.5 | 2,106 | 3,510 | 4,410 |
| | 5 | 7 | 7 | 7 | 9 | 35 | 5,000 | 7,000 | 7,000 | 7,000 | 9,000 | | 21,000 | 6.2 | 35,000 | 10.3 | 40,250 | 11.8 | 2,173 | 3,621 | 4,570 |
| | 7 | 7 | 7 | 7 | 7 | 35 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | | 21,000 | 6.2 | 35,000 | 

# MU5M40 UH0

## MU5M40 UH0

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Heating | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 1 Unit | 5 | - | - | - | - | 5 | 5,750 | - | - | - | - | | 5,250 | 1.0 | 5,750 | 1.7 | 6,383 | 1.9 | 1,428 | 2,000 | 2,300 |
| | 7 | - | - | - | - | 7 | 8,050 | - | - | - | - | | 7,610 | 1.4 | 8,050 | 2.4 | 8,936 | 2.6 | 1,428 | 2,000 | 2,300 |
| | 9 | - | - | - | - | 9 | 10,350 | - | - | - | - | | 7,610 | 1.8 | 10,350 | 3.0 | 11,489 | 3.4 | 1,428 | 2,080 | 2,392 |
| | 12 | - | - | - | - | 12 | 13,800 | - | - | - | - | | 8,280 | 2.4 | 13,800 | 4.0 | 15,318 | 4.5 | 1,428 | 2,150 | 2,473 |
| | 18 | - | - | - | - | 18 | 20,700 | - | - | - | - | | 12,420 | 3.6 | 20,700 | 6.1 | 22,977 | 6.7 | 1,562 | 2,604 | 2,860 |
| | 24 | - | - | - | - | 24 | 27,600 | - | - | - | - | | 16,560 | 4.9 | 27,600 | 8.1 | 30,636 | 9.0 | 1,809 | 3,015 | 3,412 |
| 2 Unit | 5 | 5 | - | - | - | 10 | 5,750 | 5,750 | - | - | - | | 6,900 | 2.0 | 11,500 | 3.4 | 12,765 | 3.7 | 1,428 | 2,240 | 2,576 |
| | 5 | 7 | - | - | - | 12 | 5,750 | 8,050 | - | - | - | | 8,280 | 2.4 | 13,800 | 4.0 | 15,318 | 4.5 | 1,428 | 2,240 | 2,576 |
| | 5 | 9 | - | - | - | 14 | 5,750 | 10,350 | - | - | - | | 9,660 | 2.8 | 16,100 | 4.7 | 17,871 | 5.2 | 1,428 | 2,380 | 2,642 |
| | 7 | 7 | - | - | - | 14 | 8,050 | 8,050 | - | - | - | | 9,660 | 2.8 | 16,100 | 4.7 | 17,871 | 5.2 | 1,428 | 2,240 | 2,576 |
| | 7 | 9 | - | - | - | 16 | 8,050 | 10,350 | - | - | - | | 11,040 | 3.2 | 18,400 | 5.4 | 20,424 | 6.0 | 1,428 | 2,380 | 2,642 |
| | 5 | 12 | - | - | - | 17 | 5,750 | 13,800 | - | - | - | | 11,730 | 3.4 | 19,550 | 5.7 | 21,701 | 6.4 | 1,638 | 2,730 | 3,004 |
| | 9 | 9 | - | - | - | 18 | 10,350 | 10,350 | - | - | - | | 12,420 | 3.6 | 20,700 | 6.1 | 22,977 | 6.7 | 1,562 | 2,604 | 2,860 |
| | 7 | 12 | - | - | - | 19 | 8,050 | 13,800 | - | - | - | | 13,110 | 3.8 | 21,850 | 6.4 | 24,254 | 7.1 | 1,638 | 2,730 | 3,004 |
| | 9 | 12 | - | - | - | 21 | 10,350 | 13,800 | - | - | - | | 14,490 | 4.2 | 24,150 | 7.1 | 26,807 | 7.9 | 1,728 | 2,880 | 3,292 |
| | 5 | 18 | - | - | - | 23 | 5,750 | 20,700 | - | - | - | | 15,870 | 4.7 | 26,450 | 7.8 | 29,360 | 8.6 | 1,859 | 3,098 | 3,540 |
| | 12 | 12 | - | - | - | 24 | 13,800 | 13,800 | - | - | - | | 16,560 | 4.9 | 27,600 | 8.1 | 30,636 | 9.0 | 1,809 | 3,015 | 3,412 |
| | 7 | 18 | - | - | - | 25 | 8,050 | 20,700 | - | - | - | | 17,250 | 5.1 | 28,750 | 8.4 | 31,913 | 9.4 | 1,859 | 3,098 | 3,540 |
| | 9 | 18 | - | - | - | 27 | 10,350 | 20,700 | - | - | - | | 18,630 | 5.5 | 31,050 | 9.1 | 34,466 | 10.1 | 2,009 | 3,349 | 3,818 |
| | 5 | 24 | - | - | - | 29 | 5,750 | 27,600 | - | - | - | | 20,010 | 5.9 | 33,350 | 9.8 | 37,019 | 10.8 | 2,090 | 3,483 | 4,234 |
| | 12 | 18 | - | - | - | 30 | 13,800 | 20,700 | - | - | - | | 20,700 | 6.1 | 34,500 | 10.1 | 38,295 | 11.2 | 2,074 | 3,456 | 4,165 |
| | 7 | 24 | - | - | - | 31 | 8,050 | 27,600 | - | - | - | | 21,390 | 6.3 | 35,650 | 10.4 | 39,572 | 11.6 | 2,090 | 3,483 | 4,234 |
| | 9 | 24 | - | - | - | 33 | 10,350 | 27,600 | - | - | - | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,143 | 3,571 | 4,464 |
| | 18 | 18 | - | - | - | 36 | 20,700 | 20,700 | - | - | - | | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,182 | 3,636 | 4,655 |
| | 12 | 24 | - | - | - | 36 | 13,800 | 27,600 | - | - | - | | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,182 | 3,636 | 4,655 |
| | 18 | 24 | - | - | - | 42 | 19,714 | 26,286 | - | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,060 | 15.0 | 2,220 | 3,700 | 4,843 |
| | 24 | 24 | - | - | - | 48 | 23,000 | 23,000 | - | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,060 | 15.0 | 2,190 | 3,650 | 4,843 |
| 3Unit | 5 | 5 | 5 | - | - | 15 | 5,750 | 5,750 | 5,750 | - | - | | 10,350 | 3.0 | 17,250 | 5.1 | 19,148 | 5.6 | 1,728 | 2,880 | 3,292 |
| | 5 | 5 | 7 | - | - | 17 | 5,750 | 5,750 | 8,050 | - | - | | 11,730 | 3.4 | 19,550 | 5.7 | 21,701 | 6.4 | 1,728 | 2,880 | 3,292 |
| | 5 | 5 | 9 | - | - | 19 | 5,750 | 5,750 | 10,350 | - | - | | 13,110 | 3.8 | 21,850 | 6.4 | 24,254 | 7.1 | 1,749 | 2,915 | 3,346 |
| | 5 | 7 | 7 | - | - | 19 | 5,750 | 8,050 | 8,050 | - | - | | 13,110 | 3.8 | 21,850 | 6.4 | 24,254 | 7.1 | 1,728 | 2,880 | 3,292 |
| | 5 | 7 | 9 | - | - | 21 | 5,750 | 8,050 | 10,350 | - | - | | 14,490 | 4.2 | 24,150 | 7.1 | 26,807 | 7.9 | 1,749 | 2,915 | 3,346 |
| | 7 | 7 | 7 | - | - | 21 | 8,050 | 8,050 | 8,050 | - | - | | 14,490 | 4.2 | 24,150 | 7.1 | 26,807 | 7.9 | 1,728 | 2,880 | 3,292 |
| | 5 | 5 | 12 | - | - | 22 | 5,750 | 5,750 | 13,800 | - | - | | 15,180 | 4.4 | 25,300 | 7.4 | 28,083 | 8.2 | 1,958 | 3,264 | 3,705 |
| | 7 | 7 | 9 | - | - | 23 | 8,050 | 8,050 | 10,350 | - | - | | 15,870 | 4.7 | 26,450 | 7.8 | 29,360 | 8.6 | 1,749 | 2,915 | 3,346 |
| | 5 | 9 | 9 | - | - | 23 | 5,750 | 10,350 | 10,350 | - | - | | 15,870 | 4.7 | 26,450 | 7.8 | 29,360 | 8.6 | 1,859 | 3,098 | 3,540 |
| | 5 | 7 | 12 | - | - | 24 | 5,750 | 8,050 | 13,800 | - | - | | 16,560 | 4.9 | 27,600 | 8.1 | 30,636 | 9.0 | 1,958 | 3,264 | 3,705 |
| | 7 | 9 | 9 | - | - | 25 | 8,050 | 10,350 | 10,350 | - | - | | 17,250 | 5.1 | 28,750 | 8.4 | 31,913 | 9.4 | 1,859 | 3,098 | 3,540 |
| | 5 | 9 | 12 | - | - | 26 | 5,750 | 10,350 | 13,800 | - | - | | 17,940 | 5.3 | 29,900 | 8.8 | 33,189 | 9.7 | 2,055 | 3,425 | 3,980 |
| | 7 | 7 | 12 | - | - | 26 | 8,050 | 8,050 | 13,800 | - | - | | 17,940 | 5.3 | 29,900 | 8.8 | 33,189 | 9.7 | 1,958 | 3,264 | 3,705 |
| | 9 | 9 | 9 | - | - | 27 | 10,350 | 10,350 | 10,350 | - | - | | 18,630 | 5.5 | 31,050 | 9.1 | 34,466 | 10.1 | 2,009 | 3,349 | 3,818 |
| | 7 | 9 | 12 | - | - | 28 | 8,050 | 10,350 | 13,800 | - | - | | 19,320 | 5.7 | 32,200 | 9.4 | 35,742 | 10.5 | 2,055 | 3,425 | 3,980 |
| | 5 | 5 | 18 | - | - | 28 | 5,750 | 5,750 | 20,700 | - | - | | 19,320 | 5.7 | 32,200 | 9.4 | 35,742 | 10.5 | 2,110 | 3,517 | 4,312 |
| | 5 | 12 | 12 | - | - | 29 | 5,750 | 13,800 | 13,800 | - | - | | 20,010 | 5.9 | 33,350 | 9.8 | 37,019 | 10.8 | 2,090 | 3,483 | 4,234 |
| | 5 | 7 | 18 | - | - | 30 | 5,750 | 8,050 | 20,700 | - | - | | 20,700 | 6.1 | 34,500 | 10.1 | 38,295 | 11.2 | 2,110 | 3,517 | 4,312 |
| | 9 | 9 | 12 | - | - | 30 | 10,350 | 10,350 | 13,800 | - | - | | 20,700 | 6.1 | 34,500 | 10.1 | 38,295 | 11.2 | 2,074 | 3,456 | 4,165 |
| | 7 | 12 | 12 | - | - | 31 | 8,050 | 13,800 | 13,800 | - | - | | 21,390 | 6.3 | 35,650 | 10.4 | 39,572 | 11.6 | 2,090 | 3,483 | 4,234 |
| | 5 | 9 | 18 | - | - | 32 | 5,750 | 10,350 | 20,700 | - | - | | 22,080 | 6.5 | 36,800 | 10.8 | 40,848 | 12.0 | 2,162 | 3,604 | 4,585 |
| | 7 | 7 | 18 | - | - | 32 | 8,050 | 8,050 | 20,700 | - | - | | 22,080 | 6.5 | 36,800 | 10.8 | 40,848 | 12.0 | 2,110 | 3,517 | 4,312 |
| | 9 | 12 | 12 | - | - | 33 | 10,350 | 13,800 | 13,800 | - | - | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,143 | 3,571 | 4,464 |
| | 7 | 9 | 18 | - | - | 34 | 8,050 | 10,350 | 20,700 | - | - | | 23,460 | 6.9 | 39,100 | 11.5 | 43,401 | 12.7 | 2,162 | 3,604 | 4,585 |
| | 5 | 5 | 24 | - | - | 34 | 5,750 | 5,750 | 27,600 | - | - | | 23,460 | 6.9 | 39,100 | 11.5 | 43,401 | 12.7 | 2,190 | 3,650 | 4,770 |
| | 5 | 12 | 18 | - | - | 35 | 5,750 | 13,800 | 20,700 | - | - | | 24,150 | 7.1 | 40,250 | 11.8 | 44,678 | 13.1 | 2,186 | 3,644 | 4,745 |
| | 5 | 7 | 24 | - | - | 36 | 5,750 | 8,050 | 27,600 | - | - | | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,190 | 3,650 | 4,770 |
| | 12 | 12 | 12 | - | - | 36 | 13,800 | 13,800 | 13,800 | - | - | | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,182 | 3,636 | 4,655 |
| | 9 | 9 | 18 | - | - | 36 | 10,350 | 10,350 | 20,700 | - | - | | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,182 | 3,636 | 4,655 |
| | 7 | 12 | 18 | - | - | 37 | 8,050 | 13,800 | 20,700 | - | - | | 25,530 | 7.5 | 42,550 | 12.5 | 47,231 | 13.8 | 2,186 | 3,644 | 4,745 |
| | 5 | 9 | 24 | - | - | 38 | 5,750 | 10,350 | 27,600 | - | - | | 26,220 | 7.7 | 43,700 | 12.8 | 48,507 | 14.2 | 2,220 | 3,700 | 4,843 |
| | 7 | 7 | 24 | - | - | 38 | 8,050 | 8,050 | 27,600 | - | - | | 26,220 | 7.7 | 43,700 | 12.8 | 48,507 | 14.2 | 2,190 | 3,650 | 4,770 |
| | 9 | 12 | 18 | - | - | 39 | 10,350 | 13,800 | 20,700 | - | - | | 26,910 | 7.9 | 44,850 | 13.1 | 49,784 | 14.6 | 2,204 | 3,674 | 4,811 |
| | 7 | 9 | 24 | - | - | 40 | 8,050 | 10,350 | 27,600 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 5 | 12 | 24 | - | - | 41 | 5,610 | 13,463 | 26,927 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 5 | 18 | 18 | - | - | 41 | 5,610 | 20,195 | 20,195 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 12 | 12 | 18 | - | - | 42 | 13,143 | 13,143 | 19,714 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 9 | 9 | 24 | - | - | 42 | 9,857 | 9,857 | 26,286 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 7 | 18 | 18 | - | - | 43 | 7,488 | 19,256 | 19,256 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 7 | 12 | 24 | - | - | 43 | 7,488 | 12,837 | 25,674 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 9 | 18 | 18 | - | - | 45 | 9,200 | 18,400 | 18,400 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 9 | 12 | 24 | - | - | 45 | 9,200 | 12,267 | 24,533 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,220 | 3,700 | 4,843 |
| | 5 | 18 | 24 | - | - | 47 | 4,894 | 17,617 | 23,489 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 12 | 18 | 18 | - | - | 48 | 11,500 | 17,250 | 17,250 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 12 | 12 | 24 | - | - | 48 | 11,500 | 11,500 | 23,000 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 7 | 18 | 24 | - | - | 49 | 6,571 | 16,898 | 22,531 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 9 | 18 | 24 | - | - | 51 | 8,118 | 16,235 | 21,647 | - | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| 4Unit | 5 | 5 | 5 | 5 | - | 20 | 5,750 | 5,750 | 5,750 | 5,750 | - | | 13,800 | 4.0 | 23,000 | 6.7 | 25,530 | 7.5 | 2,055 | 3,425 | 3,980 |
| | 5 | 5 | 5 | 7 | - | 22 | 5,750 | 5,750 | 5,750 | 8,050 | - | | 15,180 | 4.4 | 25,300 | 7.4 | 28,083 | 8.2 | 2,055 | 3,425 | 3,980 |
| | 5 | 5 | 5 | 9 | - | 24 | 5,750 | 5,750 | 5,750 | 10,350 | - | | 16,560 | 4.9 | 27,600 | 8.1 | 30,636 | 9.0 | 2,074 | 3,456 | 4,165 |
| | 5 | 5 | 7 | 7 | - | 24 | 5,750 | 5,750 | 8,050 | 8,050 | - | | 16,560 | 4.9 | 27,600 | 8.1 | 30,636 | 9.0 | 2,055 | 3,425 | 3,980 |
| | 5 | 5 | 7 | 9 | - | 26 | 5,750 | 5,750 | 8,050 | 10,350 | - | | 17,940 | 5.3 | 29,900 | 8.8 | 33,189 | 9.7 | 2,074 | 3,456 | 4,165 |
| | 5 | 7 | 7 | 7 | - | 26 | 5,750 | 8,050 | 8,050 | 8,050 | - | | 17,940 | 5.3 | 29,900 | 8.8 | 33,189 | 9.7 | 2,055 | 3,425 | 3,980 |
| | 5 | 5 | 5 | 12 | - | 27 | 5,750 | 5,750 | 5,750 | 13,800 | - | | 18,630 | 5.5 | 31,050 | 9.1 | 34,466 | 10.1 | 2,204 | 3,674 | 4,811 |
| | 5 | 5 | 9 | 9 | - | 28 | 5,750 | 5,750 | 10,350 | 10,350 | - | | 19,320 | 5.7 | 32,200 | 9.4 | 35,742 | 10.5 | 2,110 | 3,517 | 4,312 |
| | 5 | 7 | 7 | 9 | - | 28 | 5,750 | 8,050 | 8,050 | 10,350 | - | | 19,320 | 5.7 | 32,200 | 9.4 | 35,742 | 10.5 | 2,110 | 3,517 | 4,312 |
| | 7 | 7 | 7 | 7 | - | 28 | 8,050 | 8,050 | 8,050 | 8,050 | - | | 19,320 | 5.7 | 32,200 | 9.4 | 35,742 | 10.5 | 2,074 | 3,456 | 4,165 |
| | 5 | 5 | 7 | 12 | - | 29 | 5,750 | 5,750 | 8,050 | 13,800 | - | | 20,010 | 5.9 | 33,350 | 9.8 | 37,019 | 10.8 | 2,143 | 3,571 | 4,464 |
| | 5 | 7 | 9 | 9 | - | 30 | 5,750 | 8,050 | 10,350 | 10,350 | - | | 20,700 | 6.1 | 34,500 | 10.1 | 38,295 | 11.2 | 2,110 | 3,517 | 4,312 |





## MU5M40 UH0

| Operation | Combination of Indoor Unit (kBtu/h) | | | | | | Heating | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Each Capacity | | | | | | Total Capacity | | | | | | Input (W) | | |
| | | | | | | | | | | | | | Min | | Rating | | Max | | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | UNIT-E | Total | UNIT-A(Btu/h) | UNIT-B(Btu/h) | UNIT-C(Btu/h) | UNIT-D(Btu/h) | UNIT-E(Btu/h) | | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 4Unit | 7 | 7 | 7 | 9 | - | 30 | 8,050 | 8,050 | 8,050 | 10,350 | - | | 20,700 | 6.1 | 34,500 | 10.1 | 38,295 | 11.2 | 2,074 | 3,456 | 4,165 |
| | 5 | 5 | 9 | 12 | - | 31 | 5,750 | 5,750 | 10,350 | 13,800 | - | | 21,390 | 6.3 | 35,650 | 10.4 | 39,572 | 11.6 | 2,167 | 3,612 | 4,606 |
| | 5 | 7 | 7 | 12 | - | 31 | 5,750 | 8,050 | 8,050 | 13,800 | - | | 21,390 | 6.3 | 35,650 | 10.4 | 39,572 | 11.6 | 2,143 | 3,571 | 4,464 |
| | 7 | 7 | 9 | 9 | - | 32 | 8,050 | 8,050 | 10,350 | 10,350 | - | | 22,080 | 6.5 | 36,800 | 10.8 | 40,848 | 12.0 | 2,110 | 3,517 | 4,312 |
| | 5 | 9 | 9 | 9 | - | 32 | 5,750 | 10,350 | 10,350 | 10,350 | - | | 22,080 | 6.5 | 36,800 | 10.8 | 40,848 | 12.0 | 2,162 | 3,604 | 4,585 |
| | 5 | 5 | 5 | 18 | - | 33 | 5,750 | 5,750 | 5,750 | 20,700 | - | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,204 | 3,674 | 4,811 |
| | 5 | 7 | 9 | 12 | - | 33 | 5,750 | 8,050 | 10,350 | 13,800 | - | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,167 | 3,612 | 4,606 |
| | 7 | 7 | 7 | 12 | - | 33 | 8,050 | 8,050 | 8,050 | 13,800 | - | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,143 | 3,571 | 4,464 |
| | 5 | 5 | 12 | 12 | - | 34 | 5,750 | 5,750 | 13,800 | 13,800 | - | | 23,460 | 6.9 | 39,100 | 11.5 | 43,401 | 12.7 | 2,190 | 3,650 | 4,770 |
| | 7 | 9 | 9 | 9 | - | 34 | 8,050 | 10,350 | 10,350 | 10,350 | - | | 23,460 | 6.9 | 39,100 | 11.5 | 43,401 | 12.7 | 2,162 | 3,604 | 4,585 |
| | 5 | 5 | 7 | 18 | - | 35 | 5,750 | 5,750 | 8,050 | 20,700 | - | | 24,150 | 7.1 | 40,250 | 11.8 | 44,678 | 13.1 | 2,204 | 3,674 | 4,811 |
| | 5 | 9 | 9 | 12 | - | 35 | 5,750 | 10,350 | 10,350 | 13,800 | - | | 24,150 | 7.1 | 40,250 | 11.8 | 44,678 | 13.1 | 2,186 | 3,644 | 4,745 |
| | 7 | 7 | 9 | 12 | - | 35 | 8,050 | 8,050 | 10,350 | 13,800 | - | | 24,150 | 7.1 | 40,250 | 11.8 | 44,678 | 13.1 | 2,167 | 3,612 | 4,606 |
| | 5 | 7 | 12 | 12 | - | 36 | 5,750 | 8,050 | 13,800 | 13,800 | - | | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,190 | 3,650 | 4,770 |
| | 9 | 9 | 9 | 9 | - | 36 | 10,350 | 10,350 | 10,350 | 10,350 | - | | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,182 | 3,636 | 4,655 |
| | 5 | 5 | 9 | 18 | - | 37 | 5,750 | 5,750 | 10,350 | 20,700 | - | | 25,530 | 7.5 | 42,550 | 12.5 | 47,231 | 13.8 | 2,220 | 3,700 | 4,843 |
| | 5 | 7 | 7 | 18 | - | 37 | 5,750 | 8,050 | 8,050 | 20,700 | - | | 25,530 | 7.5 | 42,550 | 12.5 | 47,231 | 13.8 | 2,204 | 3,674 | 4,811 |
| | 7 | 9 | 9 | 12 | - | 37 | 8,050 | 10,350 | 10,350 | 13,800 | - | | 25,530 | 7.5 | 42,550 | 12.5 | 47,231 | 13.8 | 2,186 | 3,644 | 4,745 |
| | 7 | 7 | 12 | 12 | - | 38 | 8,050 | 8,050 | 13,800 | 13,800 | - | | 26,220 | 7.7 | 43,700 | 12.8 | 48,507 | 14.2 | 2,190 | 3,650 | 4,770 |
| | 5 | 5 | 5 | 24 | - | 39 | 5,750 | 5,750 | 5,750 | 27,600 | - | | 26,910 | 7.9 | 44,850 | 13.1 | 49,784 | 14.6 | 2,220 | 3,700 | 4,843 |
| | 5 | 7 | 9 | 18 | - | 39 | 5,750 | 8,050 | 10,350 | 20,700 | - | | 26,910 | 7.9 | 44,850 | 13.1 | 49,784 | 14.6 | 2,220 | 3,700 | 4,843 |
| | 9 | 9 | 9 | 12 | - | 39 | 10,350 | 10,350 | 10,350 | 13,800 | - | | 26,910 | 7.9 | 44,850 | 13.1 | 49,784 | 14.6 | 2,204 | 3,674 | 4,811 |
| | 7 | 7 | 7 | 18 | - | 39 | 8,050 | 8,050 | 8,050 | 20,700 | - | | 26,910 | 7.9 | 44,850 | 13.1 | 49,784 | 14.6 | 2,204 | 3,674 | 4,811 |
| | 7 | 9 | 12 | 12 | - | 40 | 8,050 | 10,350 | 13,800 | 13,800 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 5 | 5 | 7 | 24 | - | 41 | 5,610 | 5,610 | 7,854 | 26,927 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 5 | 12 | 12 | 12 | - | 41 | 5,610 | 13,463 | 13,463 | 13,463 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 7 | 7 | 9 | 18 | - | 41 | 7,854 | 7,854 | 10,098 | 20,195 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 9 | 9 | 12 | 12 | - | 42 | 9,857 | 9,857 | 13,143 | 13,143 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 7 | 12 | 12 | 12 | - | 43 | 7,488 | 12,837 | 12,837 | 12,837 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 7 | 9 | 9 | 18 | - | 43 | 7,488 | 9,628 | 9,628 | 19,256 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 7 | 7 | 12 | 18 | - | 44 | 7,318 | 7,318 | 12,545 | 18,818 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 9 | 12 | 12 | 12 | - | 45 | 9,200 | 12,267 | 12,267 | 12,267 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| | 9 | 9 | 9 | 18 | - | 45 | 9,200 | 9,200 | 9,200 | 18,400 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,220 | 3,700 | 4,843 |
| | 7 | 7 | 7 | 24 | - | 45 | 7,156 | 7,156 | 7,156 | 24,533 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,220 | 3,700 | 4,843 |
| | 7 | 9 | 12 | 18 | - | 46 | 7,000 | 9,000 | 12,000 | 18,000 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,220 | 3,700 | 4,843 |
| | 5 | 5 | 18 | 18 | - | 46 | 5,000 | 5,000 | 18,000 | 18,000 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 5 | 12 | 12 | 18 | - | 47 | 4,894 | 11,745 | 11,745 | 17,617 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 7 | 7 | 9 | 24 | - | 47 | 6,851 | 6,851 | 8,809 | 23,489 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 5 | 7 | 18 | 18 | - | 48 | 4,792 | 6,708 | 17,250 | 17,250 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 12 | 12 | 12 | 12 | - | 48 | 11,500 | 11,500 | 11,500 | 11,500 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 9 | 9 | 12 | 18 | - | 48 | 8,625 | 8,625 | 11,500 | 17,250 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 7 | 12 | 12 | 18 | - | 49 | 6,571 | 11,265 | 11,265 | 16,898 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 7 | 9 | 9 | 24 | - | 49 | 6,571 | 8,449 | 8,449 | 22,531 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 5 | 9 | 18 | 18 | - | 50 | 4,600 | 8,280 | 16,560 | 16,560 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 7 | 7 | 12 | 24 | - | 50 | 6,440 | 6,440 | 11,040 | 22,080 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 7 | 7 | 18 | 18 | - | 50 | 6,440 | 6,440 | 16,560 | 16,560 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 9 | 12 | 12 | 18 | - | 51 | 8,118 | 10,824 | 10,824 | 16,235 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 9 | 9 | 9 | 24 | - | 51 | 8,118 | 8,118 | 8,118 | 21,647 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 5 | 5 | 18 | 24 | - | 52 | 4,423 | 4,423 | 15,923 | 21,231 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| | 7 | 9 | 12 | 24 | - | 52 | 6,192 | 7,962 | 10,615 | 21,231 | - | | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| 5Unit | 5 | 5 | 5 | 5 | 5 | 25 | 5,750 | 5,750 | 5,750 | 5,750 | 5,750 | | 17,250 | 5.1 | 28,750 | 8.4 | 31,913 | 9.4 | 2,167 | 3,612 | 4,606 |
| | 5 | 5 | 5 | 5 | 7 | 27 | 5,750 | 5,750 | 5,750 | 5,750 | 8,050 | | 18,630 | 5.5 | 31,050 | 9.1 | 34,466 | 10.1 | 2,167 | 3,612 | 4,606 |
| | 5 | 5 | 5 | 5 | 9 | 29 | 5,750 | 5,750 | 5,750 | 5,750 | 10,350 | | 20,010 | 5.9 | 33,350 | 9.8 | 37,019 | 10.8 | 2,186 | 3,644 | 4,745 |
| | 5 | 5 | 5 | 7 | 7 | 29 | 5,750 | 5,750 | 5,750 | 8,050 | 8,050 | | 20,010 | 5.9 | 33,350 | 9.8 | 37,019 | 10.8 | 2,167 | 3,612 | 4,606 |
| | 5 | 5 | 5 | 7 | 9 | 31 | 5,750 | 5,750 | 5,750 | 8,050 | 10,350 | | 21,390 | 6.3 | 35,650 | 10.4 | 39,572 | 11.6 | 2,186 | 3,644 | 4,745 |
| | 5 | 5 | 7 | 7 | 7 | 31 | 5,750 | 5,750 | 8,050 | 8,050 | 8,050 | | 21,390 | 6.3 | 35,650 | 10.4 | 39,572 | 11.6 | 2,167 | 3,612 | 4,606 |
| | 5 | 5 | 5 | 5 | 12 | 32 | 5,750 | 5,750 | 5,750 | 5,750 | 13,800 | | 22,080 | 6.5 | 36,800 | 10.8 | 40,848 | 12.0 | 2,220 | 3,700 | 4,843 |
| | 5 | 5 | 5 | 9 | 9 | 33 | 5,750 | 5,750 | 5,750 | 10,350 | 10,350 | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,204 | 3,674 | 4,811 |
| | 5 | 5 | 7 | 7 | 9 | 33 | 5,750 | 5,750 | 8,050 | 8,050 | 10,350 | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,186 | 3,644 | 4,745 |
| | 5 | 7 | 7 | 7 | 7 | 33 | 5,750 | 8,050 | 8,050 | 8,050 | 8,050 | | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,167 | 3,612 | 4,606 |
| | 5 | 5 | 5 | 7 | 12 | 34 | 5,750 | 5,750 | 5,750 | 8,050 | 13,800 | | 23,460 | 6.9 | 39,100 | 11.5 | 43,401 | 12.7 | 2,220 | 3,700 | 4,843 |
| | 5 | 7 | 7 | 7 | 9 | 35 | 5,750 | 8,050 | 8,050 | 8,050 | 10,350 | | 24,150 | 7.1 | 40,250 | 11.8 | 44,678 | 13.1 | 2,186 | 3,644 | 4,745 |
| | 7 | 7 | 7 | 7 | 7 | 35 | 8,050 | 8,050 | 8,050 | 8,050 | 8,050 | | 24,150 | 7.1 | 40,250 | 11.8 | 44,

# FM40AH UH5

## FM40AH UH5

| Total Indoor Unit Capacity(kBtu/h) | Cooling Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 16 | 9,600 | 2.8 | 16,000 | 4.7 | 18,400 | 5.4 | 1,038 | 1,730 | 2,140 |
| 18 | 10,800 | 3.2 | 18,000 | 5.3 | 20,700 | 6.1 | 1,107 | 1,845 | 2,280 |
| 19 | 11,400 | 3.3 | 19,000 | 5.6 | 21,850 | 6.4 | 1,136 | 1,894 | 2,360 |
| 21 | 12,600 | 3.7 | 21,000 | 6.2 | 24,150 | 7.1 | 1,244 | 2,074 | 2,575 |
| 23 | 13,800 | 4.0 | 23,000 | 6.7 | 26,450 | 7.7 | 1,317 | 2,195 | 2,708 |
| 24 | 14,400 | 4.2 | 24,000 | 7.0 | 27,600 | 8.1 | 1,420 | 2,366 | 2,960 |
| 25 | 15,000 | 4.4 | 25,000 | 7.3 | 28,750 | 8.4 | 1,459 | 2,432 | 3,024 |
| 26 | 15,600 | 4.6 | 26,000 | 7.6 | 29,900 | 8.8 | 1,501 | 2,502 | 3,140 |
| 27 | 16,200 | 4.7 | 27,000 | 7.9 | 31,050 | 9.1 | 1,536 | 2,560 | 3,190 |
| 28 | 16,800 | 4.9 | 28,000 | 8.2 | 32,200 | 9.4 | 1,593 | 2,655 | 3,310 |
| 30 | 18,000 | 5.3 | 30,000 | 8.8 | 34,500 | 10.1 | 1,688 | 2,814 | 3,487 |
| 31 | 18,600 | 5.4 | 31,000 | 9.1 | 35,650 | 10.4 | 1,696 | 2,826 | 3,524 |
| 32 | 19,200 | 5.6 | 32,000 | 9.4 | 36,800 | 10.8 | 1,755 | 2,925 | 3,640 |
| 33 | 19,800 | 5.8 | 33,000 | 9.7 | 37,950 | 11.1 | 1,788 | 2,980 | 3,712 |
| 34 | 20,400 | 6.0 | 34,000 | 10.0 | 39,100 | 11.5 | 1,872 | 3,120 | 3,820 |
| 35 | 21,000 | 6.2 | 35,000 | 10.3 | 40,250 | 11.8 | 1,944 | 3,240 | 4,068 |
| 36 | 21,600 | 6.3 | 36,000 | 10.5 | 41,400 | 12.1 | 2,020 | 3,366 | 4,232 |
| 37 | 22,200 | 6.5 | 37,000 | 10.8 | 42,550 | 12.5 | 2,106 | 3,510 | 4,410 |
| 38 | 22,800 | 6.7 | 38,000 | 11.1 | 43,700 | 12.8 | 2,144 | 3,574 | 4,500 |
| 39 | 23,400 | 6.9 | 39,000 | 11.4 | 44,850 | 13.1 | 2,173 | 3,621 | 4,570 |
| 40 | 24,000 | 7.0 | 40,000 | 11.7 | 45,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 41 | 24,000 | 7.0 | 40,000 | 11.7 | 45,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| 42 | 24,000 | 7.0 | 40,000 | 11.7 | 45,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| 43 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| 44 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| 45 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,190 | 3,650 | 4,652 |
| 46 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 47 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 48 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 49 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 50 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 51 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |
| 52 | 24,000 | 7.0 | 40,000 | 11.7 | 46,000 | 13.5 | 2,178 | 3,630 | 4,652 |

## FM40AH UH5

| Total Indoor Unit Capacity(kBtu/h) | Heating Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 16 | 11,040 | 3.2 | 18,400 | 5.4 | 20,424 | 6.0 | 1,428 | 2,380 | 2,642 |
| 18 | 12,420 | 3.6 | 20,700 | 6.1 | 22,977 | 6.7 | 1,562 | 2,604 | 2,860 |
| 19 | 13,110 | 3.8 | 21,850 | 6.4 | 24,254 | 7.1 | 1,638 | 2,730 | 3,004 |
| 21 | 14,490 | 4.2 | 24,150 | 7.1 | 26,807 | 7.9 | 1,728 | 2,880 | 3,292 |
| 23 | 15,870 | 4.6 | 26,450 | 7.7 | 29,360 | 8.6 | 1,749 | 2,915 | 3,346 |
| 24 | 16,560 | 4.9 | 27,600 | 8.1 | 30,636 | 9.0 | 1,809 | 3,015 | 3,412 |
| 25 | 17,250 | 5.1 | 28,750 | 8.4 | 31,913 | 9.4 | 1,859 | 3,098 | 3,540 |
| 26 | 17,940 | 5.3 | 29,900 | 8.8 | 33,189 | 9.7 | 1,958 | 3,264 | 3,705 |
| 27 | 18,630 | 5.5 | 31,050 | 9.1 | 34,466 | 10.1 | 2,009 | 3,349 | 3,818 |
| 28 | 19,320 | 5.7 | 32,200 | 9.4 | 35,742 | 10.5 | 2,055 | 3,425 | 3,980 |
| 30 | 20,700 | 6.1 | 34,500 | 10.1 | 38,295 | 11.2 | 2,074 | 3,456 | 4,165 |
| 31 | 21,390 | 6.3 | 35,650 | 10.4 | 39,572 | 11.6 | 2,090 | 3,483 | 4,234 |
| 32 | 22,080 | 6.5 | 36,800 | 10.8 | 40,848 | 12.0 | 2,110 | 3,517 | 4,312 |
| 33 | 22,770 | 6.7 | 37,950 | 11.1 | 42,125 | 12.3 | 2,143 | 3,571 | 4,464 |
| 34 | 23,460 | 6.9 | 39,100 | 11.5 | 43,401 | 12.7 | 2,162 | 3,604 | 4,585 |
| 35 | 24,150 | 7.1 | 40,250 | 11.8 | 44,678 | 13.1 | 2,167 | 3,612 | 4,606 |
| 36 | 24,840 | 7.3 | 41,400 | 12.1 | 45,954 | 13.5 | 2,182 | 3,636 | 4,655 |
| 37 | 25,530 | 7.5 | 42,550 | 12.5 | 47,231 | 13.8 | 2,186 | 3,644 | 4,745 |
| 38 | 26,220 | 7.7 | 43,700 | 12.8 | 48,507 | 14.2 | 2,190 | 3,650 | 4,770 |
| 39 | 26,910 | 7.9 | 44,850 | 13.1 | 49,784 | 14.6 | 2,204 | 3,674 | 4,811 |
| 40 | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| 41 | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| 42 | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| 43 | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| 44 | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| 45 | 27,600 | 8.1 | 46,000 | 13.5 | 50,000 | 14.7 | 2,220 | 3,700 | 4,843 |
| 46 | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,220 | 3,700 | 4,843 |
| 47 | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| 48 | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| 49 | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| 50 | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| 51 | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |
| 52 | 27,600 | 8.1 | 46,000 | 13.5 | 51,000 | 14.9 | 2,190 | 3,650 | 4,843 |

Note :
1.Cooling Capacity is based on : indoor temp.27℃ DB, 19℃ WB; outdoor temp. 35℃ DB
2.Heating Capacity is based on : indoor temp.20℃ DB; outdoor temp. 7℃ DB, 6℃ WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 16~52 kBtu/h(40%~130%)
5.At least two indoor units should be connected.



# FM48AH U33

## FM48AH U33

| Total Indoor Unit Capacity(kBtu/h) | Cooling Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 19 | 11,400 | 3.3 | 19,000 | 5.6 | 20,900 | 6.1 | 841 | 1,401 | 1,611 |
| 20 | 12,000 | 3.5 | 20,000 | 5.9 | 22,000 | 6.4 | 883 | 1,472 | 1,693 |
| 21 | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 926 | 1,543 | 1,774 |
| 22 | 13,200 | 3.9 | 22,000 | 6.4 | 24,200 | 7.1 | 968 | 1,614 | 1,856 |
| 23 | 13,800 | 4.0 | 23,000 | 6.7 | 25,300 | 7.4 | 1,011 | 1,684 | 1,937 |
| 24 | 14,400 | 4.2 | 24,000 | 7.0 | 26,400 | 7.7 | 1,053 | 1,755 | 2,019 |
| 25 | 15,000 | 4.4 | 25,000 | 7.3 | 27,500 | 8.1 | 1,096 | 1,826 | 2,100 |
| 26 | 15,600 | 4.6 | 26,000 | 7.6 | 28,560 | 8.4 | 1,161 | 1,935 | 2,225 |
| 27 | 16,200 | 4.7 | 27,000 | 7.9 | 29,610 | 8.7 | 1,227 | 2,044 | 2,351 |
| 28 | 16,800 | 4.9 | 28,000 | 8.2 | 30,670 | 9.0 | 1,292 | 2,153 | 2,476 |
| 29 | 17,400 | 5.1 | 29,000 | 8.5 | 31,720 | 9.3 | 1,357 | 2,262 | 2,602 |
| 30 | 18,000 | 5.3 | 30,000 | 8.8 | 32,780 | 9.6 | 1,423 | 2,372 | 2,727 |
| 31 | 18,600 | 5.5 | 31,000 | 9.1 | 33,830 | 9.9 | 1,488 | 2,481 | 2,853 |
| 32 | 19,200 | 5.6 | 32,000 | 9.4 | 34,890 | 10.2 | 1,554 | 2,590 | 2,978 |
| 33 | 19,800 | 5.8 | 33,000 | 9.7 | 35,940 | 10.5 | 1,619 | 2,699 | 3,104 |
| 34 | 20,400 | 6.0 | 34,000 | 10.0 | 37,000 | 10.8 | 1,685 | 2,808 | 3,229 |
| 35 | 21,000 | 6.2 | 35,000 | 10.3 | 38,050 | 11.2 | 1,750 | 2,917 | 3,355 |
| 36 | 21,600 | 6.3 | 36,000 | 10.5 | 39,600 | 11.6 | 1,816 | 3,026 | 3,480 |
| 37 | 22,200 | 6.5 | 37,000 | 10.8 | 40,700 | 11.9 | 1,859 | 3,099 | 3,564 |
| 38 | 22,800 | 6.7 | 38,000 | 11.1 | 41,800 | 12.2 | 1,903 | 3,172 | 3,648 |
| 39 | 23,400 | 6.9 | 39,000 | 11.4 | 42,900 | 12.6 | 1,947 | 3,245 | 3,732 |
| 40 | 24,000 | 7.0 | 40,000 | 11.7 | 44,000 | 12.9 | 1,991 | 3,318 | 3,816 |
| 41 | 24,600 | 7.2 | 41,000 | 12.0 | 46,100 | 13.5 | 2,035 | 3,391 | 3,900 |
| 42 | 25,200 | 7.4 | 42,000 | 12.3 | 46,850 | 13.7 | 2,121 | 3,536 | 4,066 |
| 43 | 25,800 | 7.6 | 43,000 | 12.6 | 47,590 | 13.9 | 2,208 | 3,680 | 4,232 |
| 44 | 26,400 | 7.7 | 44,000 | 12.9 | 48,340 | 14.2 | 2,295 | 3,824 | 4,398 |
| 45 | 27,000 | 7.9 | 45,000 | 13.2 | 49,080 | 14.4 | 2,381 | 3,969 | 4,564 |
| 46 | 27,600 | 8.1 | 46,000 | 13.5 | 49,830 | 14.6 | 2,468 | 4,113 | 4,730 |
| 47 | 28,200 | 8.3 | 47,000 | 13.8 | 50,570 | 14.8 | 2,554 | 4,257 | 4,896 |
| 48 | 28,800 | 8.4 | 48,000 | 14.1 | 52,800 | 15.5 | 2,712 | 4,520 | 5,062 |
| 49 | 29,400 | 8.6 | 48,343 | 14.2 | 53,177 | 15.6 | 2,712 | 4,520 | 5,062 |
| 50 | 30,000 | 8.8 | 48,686 | 14.3 | 53,554 | 15.7 | 2,720 | 4,533 | 5,077 |
| 51 | 30,600 | 9.0 | 49,029 | 14.4 | 53,931 | 15.8 | 2,728 | 4,546 | 5,077 |
| 52 | 31,200 | 9.1 | 49,372 | 14.5 | 54,308 | 15.9 | 2,735 | 4,559 | 5,106 |
| 53 | 31,800 | 9.3 | 49,715 | 14.6 | 54,685 | 16.0 | 2,743 | 4,572 | 5,121 |
| 54 | 32,400 | 9.5 | 50,058 | 14.7 | 55,062 | 16.1 | 2,751 | 4,585 | 5,135 |
| 55 | 33,000 | 9.7 | 50,401 | 14.8 | 55,439 | 16.2 | 2,759 | 4,598 | 5,150 |
| 56 | 33,600 | 9.8 | 50,744 | 14.9 | 55,816 | 16.4 | 2,767 | 4,611 | 5,164 |
| 57 | 34,200 | 10.0 | 51,087 | 15.0 | 56,193 | 16.5 | 2,774 | 4,624 | 5,179 |
| 58 | 34,800 | 10.2 | 51,430 | 15.1 | 56,570 | 16.6 | 2,782 | 4,637 | 5,350 |
| 59 | 35,400 | 10.4 | 51,773 | 15.2 | 56,947 | 16.7 | 2,790 | 4,650 | 5,350 |
| 60 | 36,000 | 10.5 | 52,116 | 15.3 | 57,324 | 16.8 | 2,798 | 4,663 | 5,350 |
| 61 | 36,600 | 10.7 | 52,459 | 15.4 | 57,701 | 16.9 | 2,806 | 4,676 | 5,350 |
| 62 | 37,200 | 10.9 | 52,800 | 15.5 | 58,080 | 17.0 | 2,813 | 4,689 | 5,350 |

## FM48AH U33

| Total Indoor Unit Capacity(kBtu/h) | Heating Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 19 | 12,768 | 3.7 | 21280 | 6.2 | 22897 | 6.7 | 1,301 | 2,168 | 2,494 |
| 20 | 13,440 | 3.9 | 22400 | 6.6 | 24014 | 7.0 | 1,350 | 2,250 | 2,588 |
| 21 | 14,112 | 4.1 | 23520 | 6.9 | 25131 | 7.4 | 1,399 | 2,332 | 2,681 |
| 22 | 14,784 | 4.3 | 24640 | 7.2 | 26249 | 7.7 | 1,448 | 2,413 | 2,775 |
| 23 | 15,456 | 4.5 | 25760 | 7.5 | 27366 | 8.0 | 1,497 | 2,495 | 2,869 |
| 24 | 16,128 | 4.7 | 26880 | 7.9 | 28483 | 8.3 | 1,546 | 2,576 | 2,963 |
| 25 | 16,800 | 4.9 | 28000 | 8.2 | 29600 | 8.7 | 1,643 | 2,739 | 3,150 |
| 26 | 17,472 | 5.1 | 29120 | 8.5 | 30869 | 9.0 | 1,696 | 2,826 | 3,250 |
| 27 | 18,144 | 5.3 | 30240 | 8.9 | 32138 | 9.4 | 1,748 | 2,913 | 3,350 |
| 28 | 18,816 | 5.5 | 31360 | 9.2 | 33407 | 9.8 | 1,800 | 3,000 | 3,450 |
| 29 | 19,488 | 5.7 | 32480 | 9.5 | 34676 | 10.2 | 1,852 | 3,087 | 3,550 |
| 30 | 20,160 | 5.9 | 33600 | 9.8 | 35945 | 10.5 | 1,904 | 3,174 | 3,650 |
| 31 | 20,832 | 6.1 | 34720 | 10.2 | 37215 | 10.9 | 1,957 | 3,261 | 3,750 |
| 32 | 21,504 | 6.3 | 35840 | 10.5 | 38484 | 11.3 | 2,009 | 3,348 | 3,850 |
| 33 | 22,176 | 6.5 | 36960 | 10.8 | 39753 | 11.6 | 2,061 | 3,435 | 3,950 |
| 34 | 22,848 | 6.7 | 38080 | 11.2 | 41022 | 12.0 | 2,113 | 3,522 | 4,050 |
| 35 | 23,520 | 6.9 | 39200 | 11.5 | 42291 | 12.4 | 2,165 | 3,609 | 4,150 |
| 36 | 24,192 | 7.1 | 40320 | 11.8 | 43560 | 12.8 | 2,217 | 3,696 | 4,250 |
| 37 | 24,864 | 7.3 | 41440 | 12.1 | 44648 | 13.1 | 2,264 | 3,774 | 4,340 |
| 38 | 25,536 | 7.5 | 42560 | 12.5 | 45736 | 13.4 | 2,306 | 3,843 | 4,420 |
| 39 | 26,208 | 7.7 | 43680 | 12.8 | 46824 | 13.7 | 2,347 | 3,911 | 4,498 |
| 40 | 26,880 | 7.9 | 44800 | 13.1 | 47912 | 14.0 | 2,386 | 3,977 | 4,573 |
| 41 | 27,552 | 8.1 | 45920 | 13.5 | 49000 | 14.4 | 2,452 | 4,087 | 4,700 |
| 42 | 28,224 | 8.3 | 47040 | 13.8 | 50484 | 14.8 | 2,473 | 4,122 | 4,740 |
| 43 | 28,896 | 8.5 | 48160 | 14.1 | 51968 | 15.2 | 2,508 | 4,181 | 4,808 |
| 44 | 29,568 | 8.7 | 49280 | 14.4 | 53452 | 15.7 | 2,544 | 4,239 | 4,875 |
| 45 | 30,240 | 8.9 | 50400 | 14.8 | 54936 | 16.1 | 2,579 | 4,298 | 4,943 |
| 46 | 30,912 | 9.1 | 51520 | 15.1 | 56420 | 16.5 | 2,614 | 4,357 | 5,011 |
| 47 | 31,584 | 9.3 | 52640 | 15.4 | 57904 | 17.0 | 2,650 | 4,416 | 5,078 |
| 48 | 28,800 | 8.4 | 54000 | 15.8 | 56000 | 16.4 | 2,685 | 4,475 | 5,146 |
| 49 | 29,400 | 8.6 | 54143 | 15.9 | 56214 | 16.5 | 2,720 | 4,534 | 5,214 |
| 50 | 30,000 | 8.8 | 54286 | 15.9 | 56428 | 16.5 | 2,756 | 4,593 | 5,282 |
| 51 | 30,600 | 9.0 | 54429 | 15.9 | 56642 | 16.6 | 2,791 | 4,652 | 5,349 |
| 52 | 31,200 | 9.1 | 54572 | 16.0 | 56856 | 16.7 | 2,826 | 4,710 | 5,417 |
| 53 | 31,800 | 9.3 | 54715 | 16.0 | 57070 | 16.7 | 2,847 | 4,745 | 5,457 |
| 54 | 32,400 | 9.5 | 54858 | 16.1 | 57284 | 16.8 | 2,911 | 4,852 | 5,580 |
| 55 | 33,000 | 9.7 | 55001 | 16.1 | 57498 | 16.8 | 2,922 | 4,870 | 5,600 |
| 56 | 33,600 | 9.8 | 55144 | 16.2 | 57712 | 16.9 | 2,736 | 4,560 | 5,400 |
| 57 | 34,200 | 10.0 | 55287 | 16.2 | 57926 | 17.0 | 2,736 | 4,560 | 5,340 |
| 58 | 34,800 | 10.2 | 55430 | 16.2 | 58140 | 17.0 | 2,736 | 4,560 | 5,340 |
| 59 | 35,400 | 10.4 | 55573 | 16.3 | 58354 | 17.1 | 2,736 | 4,560 | 5,340 |
| 60 | 36,000 | 10.5 | 55716 | 16.3 | 58568 | 17.2 | 2,739 | 4,565 | 5,340 |
| 61 | 36,600 | 10.7 | 55859 | 16.4 | 58782 | 17.2 | 2,655 | 4,425 | 5,340 |
| 62 | 37,200 | 10.9 | 56000 | 16.4 | 59000 | 17.3 | 2,658 | 4,430 | 5,340 |

Note :
1.Cooling Capacity is based on : indoor temp.27℃ DB, 19℃ WB; outdoor temp. 35℃ DB
2.Heating Capacity is based on : indoor temp.20℃ DB; outdoor temp. 7℃ DB, 6℃ WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 19~62k Btu/h(40%~130%)
5.At least two indoor units should be connected.

# FM40AH UH5

## FM56AH U33

| Total Indoor Unit Capacity(kBtu/h) | Cooling Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 23 | 13,800 | 4.0 | 23,000 | 6.7 | 25,300 | 7.4 | 1011 | 1684 | 1937 |
| 24 | 14,400 | 4.2 | 24,000 | 7.0 | 26,400 | 7.7 | 1053 | 1755 | 2019 |
| 25 | 15,000 | 4.4 | 25,000 | 7.3 | 28,000 | 8.2 | 1096 | 1826 | 2100 |
| 26 | 15,600 | 4.6 | 26,000 | 7.6 | 29,060 | 8.5 | 1161 | 1935 | 2225 |
| 27 | 16,200 | 4.7 | 27,000 | 7.9 | 30,110 | 8.8 | 1227 | 2044 | 2351 |
| 28 | 16,800 | 4.9 | 28,000 | 8.2 | 31,170 | 9.1 | 1292 | 2153 | 2476 |
| 29 | 17,400 | 5.1 | 29,000 | 8.5 | 32,220 | 9.4 | 1357 | 2262 | 2602 |
| 30 | 18,000 | 5.3 | 30,000 | 8.8 | 33,280 | 9.8 | 1423 | 2372 | 2727 |
| 31 | 18,600 | 5.5 | 31,000 | 9.1 | 34,330 | 10.1 | 1488 | 2481 | 2853 |
| 32 | 19,200 | 5.6 | 32,000 | 9.4 | 35,390 | 10.4 | 1554 | 2590 | 2978 |
| 33 | 19,800 | 5.8 | 33,000 | 9.7 | 36,440 | 10.7 | 1619 | 2699 | 3104 |
| 34 | 20,400 | 6.0 | 34,000 | 10.0 | 37,500 | 11.0 | 1685 | 2808 | 3229 |
| 35 | 21,000 | 6.2 | 35,000 | 10.3 | 38,550 | 11.3 | 1750 | 2917 | 3355 |
| 36 | 21,600 | 6.3 | 36,000 | 10.5 | 39,600 | 11.6 | 1816 | 3026 | 3480 |
| 37 | 22,200 | 6.5 | 37,000 | 10.8 | 40,700 | 11.9 | 1859 | 3099 | 3564 |
| 38 | 22,800 | 6.7 | 38,000 | 11.1 | 41,800 | 12.2 | 1903 | 3172 | 3648 |
| 39 | 23,400 | 6.9 | 39,000 | 11.4 | 42,900 | 12.6 | 1947 | 3245 | 3732 |
| 40 | 24,000 | 7.0 | 40,000 | 11.7 | 44,000 | 12.9 | 1991 | 3318 | 3816 |
| 41 | 24,600 | 7.2 | 41,000 | 12.0 | 46,100 | 13.5 | 2035 | 3391 | 3900 |
| 42 | 25,200 | 7.4 | 42,000 | 12.3 | 46,850 | 13.7 | 2083 | 3472 | 3993 |
| 43 | 25,800 | 7.6 | 43,000 | 12.6 | 47,590 | 13.9 | 2132 | 3553 | 4086 |
| 44 | 26,400 | 7.7 | 44,000 | 12.9 | 48,340 | 14.2 | 2180 | 3634 | 4179 |
| 45 | 27,000 | 7.9 | 45,000 | 13.2 | 49,080 | 14.4 | 2229 | 3714 | 4271 |
| 46 | 27,600 | 8.1 | 46,000 | 13.5 | 49,830 | 14.6 | 2277 | 3795 | 4364 |
| 47 | 28,200 | 8.3 | 47,000 | 13.8 | 50,570 | 14.8 | 2325 | 3876 | 4457 |
| 48 | 28,800 | 8.4 | 48,000 | 14.1 | 51,320 | 15.0 | 2374 | 3957 | 4550 |
| 49 | 29,400 | 8.6 | 48,625 | 14.2 | 52,060 | 15.3 | 2422 | 4037 | 4643 |
| 50 | 30,000 | 8.8 | 49,250 | 14.4 | 52,810 | 15.5 | 2471 | 4118 | 4736 |
| 51 | 30,600 | 9.0 | 49,875 | 14.6 | 53,550 | 15.7 | 2519 | 4199 | 4829 |
| 52 | 31,200 | 9.1 | 50,500 | 14.8 | 54,300 | 15.9 | 2568 | 4280 | 4921 |
| 53 | 31,800 | 9.3 | 51,125 | 15.0 | 55,050 | 16.1 | 2616 | 4360 | 5014 |
| 54 | 32,400 | 9.5 | 51,750 | 15.2 | 55,800 | 16.4 | 2713 | 4522 | 5200 |
| 55 | 33,000 | 9.7 | 52,375 | 15.3 | 56,850 | 16.7 | 2817 | 4696 | 5400 |
| 56 | 33,600 | 9.8 | 53,000 | 15.5 | 57,900 | 17.0 | 2896 | 4826 | 5550 |
| 57 | 34,200 | 10.0 | 53,236 | 15.6 | 58,900 | 17.3 | 2896 | 4826 | 5650 |
| 58 | 34,800 | 10.2 | 53,472 | 15.7 | 59,170 | 17.3 | 2896 | 4826 | 5650 |
| 59 | 35,400 | 10.4 | 53,708 | 15.7 | 59,440 | 17.4 | 2946 | 4910 | 5650 |
| 60 | 36,000 | 10.5 | 53,944 | 15.8 | 59,710 | 17.5 | 2946 | 4910 | 5650 |
| 61 | 36,600 | 10.7 | 54,180 | 15.9 | 59,980 | 17.6 | 2946 | 4910 | 5650 |
| 62 | 37,200 | 10.9 | 54,416 | 15.9 | 60,250 | 17.7 | 2946 | 4910 | 5650 |
| 63 | 37,800 | 11.1 | 54,652 | 16.0 | 60,520 | 17.7 | 2946 | 4910 | 5650 |
| 64 | 38,400 | 11.3 | 54,888 | 16.1 | 60,790 | 17.8 | 2946 | 4910 | 5650 |
| 65 | 39,000 | 11.4 | 55,124 | 16.2 | 61,060 | 17.9 | 2946 | 4910 | 5650 |
| 66 | 39,600 | 11.6 | 55,360 | 16.2 | 61,330 | 18.0 | 2946 | 4910 | 5650 |
| 67 | 40,200 | 11.8 | 55,596 | 16.3 | 61,600 | 18.1 | 2977 | 4961 | 5650 |
| 68 | 40,800 | 12.0 | 55,832 | 16.4 | 61,870 | 18.1 | 2977 | 4961 | 5650 |
| 69 | 41,400 | 12.1 | 56,068 | 16.4 | 62,140 | 18.2 | 2977 | 4961 | 5650 |
| 70 | 42,000 | 12.3 | 56,304 | 16.5 | 62,410 | 18.3 | 2977 | 4961 | 5650 |
| 71 | 42,600 | 12.5 | 56,540 | 16.6 | 62,680 | 18.4 | 2977 | 4961 | 5650 |
| 72 | 43,200 | 12.7 | 56,776 | 16.6 | 62,950 | 18.4 | 2977 | 4961 | 5650 |
| 73 | 43,800 | 12.8 | 57,012 | 16.7 | 63,200 | 18.5 | 2977 | 4961 | 5650 |

## FM56AH U33

| Total Indoor Unit Capacity(kBtu/h) | Heating Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max |
| 23 | 15,456 | 4.5 | 25,760 | 7.5 | 27365 | 8.0 | 1497 | 2495 | 2869 |
| 24 | 16,128 | 4.7 | 26,880 | 7.9 | 28482 | 8.3 | 1546 | 2576 | 2963 |
| 25 | 16,800 | 4.9 | 28,000 | 8.2 | 29600 | 8.7 | 1643 | 2739 | 3150 |
| 26 | 17,472 | 5.1 | 29,120 | 8.5 | 30869 | 9.0 | 1696 | 2826 | 3250 |
| 27 | 18,144 | 5.3 | 30,240 | 8.9 | 32138 | 9.4 | 1743 | 2906 | 3342 |
| 28 | 18,816 | 5.5 | 31,360 | 9.2 | 33407 | 9.8 | 1791 | 2986 | 3433 |
| 29 | 19,488 | 5.7 | 32,480 | 9.5 | 34676 | 10.2 | 1839 | 3065 | 3525 |
| 30 | 20,160 | 5.9 | 33,600 | 9.8 | 35945 | 10.5 | 1887 | 3145 | 3617 |
| 31 | 20,832 | 6.1 | 34,720 | 10.2 | 37214 | 10.9 | 1935 | 3225 | 3708 |
| 32 | 21,504 | 6.3 | 35,840 | 10.5 | 38483 | 11.3 | 1983 | 3304 | 3800 |
| 33 | 22,176 | 6.5 | 36,960 | 10.8 | 39752 | 11.6 | 2030 | 3384 | 3892 |
| 34 | 22,848 | 6.7 | 38,080 | 11.2 | 41021 | 12.0 | 2078 | 3464 | 3983 |
| 35 | 23,520 | 6.9 | 39,200 | 11.5 | 42290 | 12.4 | 2126 | 3543 | 4075 |
| 36 | 24,192 | 7.1 | 40,320 | 11.8 | 43560 | 12.8 | 2217 | 3696 | 4250 |
| 37 | 24,864 | 7.3 | 41,440 | 12.1 | 44648 | 13.1 | 2264 | 3774 | 4340 |
| 38 | 25,536 | 7.5 | 42,560 | 12.5 | 45736 | 13.4 | 2311 | 3852 | 4430 |
| 39 | 26,208 | 7.7 | 43,680 | 12.8 | 46824 | 13.7 | 2358 | 3930 | 4520 |
| 40 | 26,880 | 7.9 | 44,800 | 13.1 | 47912 | 14.0 | 2405 | 4009 | 4610 |
| 41 | 27,552 | 8.1 | 45,920 | 13.5 | 49000 | 14.4 | 2452 | 4087 | 4700 |
| 42 | 28,224 | 8.3 | 47,040 | 13.8 | 50286 | 14.7 | 2487 | 4146 | 4768 |
| 43 | 28,896 | 8.5 | 48,160 | 14.1 | 51572 | 15.1 | 2523 | 4205 | 4835 |
| 44 | 29,568 | 8.7 | 49,280 | 14.4 | 52858 | 15.5 | 2558 | 4264 | 4903 |
| 45 | 30,240 | 8.9 | 50,400 | 14.8 | 54144 | 15.9 | 2593 | 4322 | 4971 |
| 46 | 30,912 | 9.1 | 51,520 | 15.1 | 55430 | 16.2 | 2629 | 4381 | 5038 |
| 47 | 31,584 | 9.3 | 52,640 | 15.4 | 56716 | 16.6 | 2664 | 4440 | 5106 |
| 48 | 28,800 | 8.4 | 53,000 | 15.5 | 58000 | 17.0 | 2699 | 4499 | 5174 |
| 49 | 29,400 | 8.6 | 53,500 | 15.7 | 58292 | 17.1 | 2735 | 4558 | 5242 |
| 50 | 30,000 | 8.8 | 54,000 | 15.8 | 58584 | 17.2 | 2770 | 4617 | 5309 |
| 51 | 30,600 | 9.0 | 54,500 | 16.0 | 58876 | 17.3 | 2805 | 4676 | 5377 |
| 52 | 31,200 | 9.1 | 55,000 | 16.1 | 59168 | 17.3 | 2841 | 4734 | 5445 |
| 53 | 31,800 | 9.3 | 55,500 | 16.3 | 59460 | 17.4 | 2876 | 4793 | 5512 |
| 54 | 32,400 | 9.5 | 56,000 | 16.4 | 59750 | 17.5 | 2911 | 4852 | 5580 |
| 55 | 33,000 | 9.7 | 56,500 | 16.6 | 60375 | 17.7 | 2817 | 4696 | 5400 |
| 56 | 33,600 | 9.8 | 57,000 | 16.7 | 61000 | 17.9 | 2736 | 4560 | 5340 |
| 57 | 34,200 | 10.0 | 57,236 | 16.8 | 61176 | 17.9 | 2736 | 4560 | 5340 |
| 58 | 34,800 | 10.2 | 57,472 | 16.8 | 61353 | 18.0 | 2736 | 4560 | 5371 |
| 59 | 35,400 | 10.4 | 57,708 | 16.9 | 61529 | 18.0 | 2736 | 4560 | 5402 |
| 60 | 36,000 | 10.5 | 57,944 | 17.0 | 61706 | 18.1 | 2739 | 4565 | 5433 |
| 61 | 36,600 | 10.7 | 58,180 | 17.0 | 61882 | 18.1 | 2742 | 4570 | 5464 |
| 62 | 37,200 | 10.9 | 58,416 | 17.1 | 62059 | 18.2 | 2745 | 4575 | 5495 |
| 63 | 37,800 | 11.1 | 58,652 | 17.2 | 62235 | 18.2 | 2748 | 4580 | 5526 |
| 64 | 38,400 | 11.3 | 58,888 | 17.3 | 62412 | 18.3 | 2751 | 4585 | 5557 |
| 65 | 39,000 | 11.4 | 59,124 | 17.3 | 62588 | 18.3 | 2754 | 4590 | 5588 |
| 66 | 39,600 | 11.6 | 59,360 | 17.4 | 62765 | 18.4 | 2757 | 4595 | 5650 |
| 67 | 40,200 | 11.8 | 59,596 | 17.5 | 62941 | 18.4 | 2757 | 4595 | 5650 |
| 68 | 40,800 | 12.0 | 59,832 | 17.5 | 63118 | 18.5 | 2757 | 4595 | 5650 |
| 69 | 41,400 | 12.1 | 60,068 | 17.6 | 63294 | 18.5 | 2760 | 4600 | 5650 |
| 70 | 42,000 | 12.3 | 60,304 | 17.7 | 63471 | 18.6 | 2763 | 4605 | 5650 |
| 71 | 42,600 | 12.5 | 60,540 | 17.7 | 63647 | 18.7 | 2766 | 4610 | 5650 |
| 72 | 43,200 | 12.7 | 60,776 | 17.8 | 63824 | 18.7 | 2769 | 4615 | 5700 |
| 73 | 43,800 | 12.8 | 61,012 | 17.9 | 64000 | 18.8 | 2772 | 4620 | 5700 |

Note :
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 23~73 kBtu/h(40%~130%)
5.At least two indoor units should be connected.



# FM37AH UE0

3Phase

## FM37AH UE0

| Total Indoor Unit Capacity(kBtu/h) | Cooling Capacity | | | | | | Current(A) | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max | Min | Rated | Max |
| 16 | 9600 | 2.8 | 16000 | 4.7 | 17600 | 5.2 | 1.7 | 2.6 | 2.9 | 800 | 1333 | 1533 |
| 18 | 10800 | 3.2 | 18000 | 5.3 | 19800 | 5.8 | 1.8 | 2.9 | 3.2 | 900 | 1500 | 1725 |
| 19 | 11400 | 3.3 | 19000 | 5.6 | 20900 | 6.1 | 1.9 | 3.0 | 3.3 | 950 | 1583 | 1821 |
| 21 | 12600 | 3.7 | 21000 | 6.2 | 23100 | 6.8 | 2.1 | 3.3 | 3.6 | 1050 | 1750 | 2013 |
| 23 | 13800 | 4.0 | 23000 | 6.7 | 25300 | 7.4 | 2.3 | 3.6 | 4.0 | 1150 | 1917 | 2204 |
| 24 | 14400 | 4.2 | 24000 | 7.0 | 26400 | 7.7 | 2.4 | 3.7 | 4.2 | 1200 | 2000 | 2300 |
| 25 | 15000 | 4.4 | 25000 | 7.3 | 27500 | 8.1 | 2.5 | 3.8 | 4.3 | 1250 | 2083 | 2396 |
| 26 | 15600 | 4.6 | 26000 | 7.6 | 28600 | 8.4 | 2.5 | 4.0 | 4.5 | 1300 | 2167 | 2492 |
| 27 | 16200 | 4.7 | 27000 | 7.9 | 29700 | 8.7 | 2.6 | 4.1 | 4.6 | 1350 | 2250 | 2588 |
| 28 | 16800 | 4.9 | 28000 | 8.2 | 30800 | 9.0 | 2.7 | 4.3 | 4.8 | 1400 | 2333 | 2683 |
| 30 | 18000 | 5.3 | 30000 | 8.8 | 33000 | 9.7 | 2.9 | 4.5 | 5.1 | 1500 | 2500 | 2875 |
| 31 | 18300 | 5.4 | 30500 | 8.9 | 33550 | 9.8 | 3.0 | 4.7 | 5.3 | 1550 | 2583 | 2971 |
| 32 | 18600 | 5.5 | 31000 | 9.1 | 34100 | 10.0 | 3.1 | 4.8 | 5.4 | 1600 | 2667 | 3067 |
| 33 | 18900 | 5.5 | 31500 | 9.2 | 34650 | 10.2 | 3.2 | 5.0 | 5.6 | 1650 | 2750 | 3163 |
| 34 | 19200 | 5.6 | 32000 | 9.4 | 35200 | 10.3 | 3.3 | 5.1 | 5.8 | 1700 | 2833 | 3258 |
| 35 | 19500 | 5.7 | 32500 | 9.5 | 35750 | 10.5 | 3.3 | 5.2 | 5.9 | 1750 | 2917 | 3354 |
| 36 | 21600 | 6.3 | 33000 | 9.7 | 37000 | 10.8 | 3.4 | 5.4 | 6.0 | 1800 | 3000 | 3450 |
| 37 | 22200 | 6.5 | 33942 | 9.9 | 37336 | 10.9 | 3.5 | 5.4 | 6.0 | 1807 | 3012 | 3464 |
| 38 | 22800 | 6.7 | 34507 | 10.1 | 37958 | 11.1 | 3.5 | 5.4 | 6.1 | 1811 | 3019 | 3472 |
| 39 | 23400 | 6.9 | 34884 | 10.2 | 38373 | 11.2 | 3.5 | 5.4 | 6.1 | 1814 | 3024 | 3477 |
| 40 | 24000 | 7.0 | 35239 | 10.3 | 38763 | 11.4 | 3.5 | 5.4 | 6.1 | 1819 | 3032 | 3486 |
| 41 | 24600 | 7.2 | 35565 | 10.4 | 39121 | 11.5 | 3.5 | 5.4 | 6.1 | 1823 | 3038 | 3494 |
| 42 | 25200 | 7.4 | 35594 | 10.4 | 39153 | 11.5 | 3.5 | 5.5 | 6.1 | 1824 | 3040 | 3496 |
| 43 | 25800 | 7.6 | 35947 | 10.5 | 39542 | 11.6 | 3.5 | 5.5 | 6.1 | 1831 | 3051 | 3509 |
| 44 | 26400 | 7.7 | 36167 | 10.6 | 39784 | 11.7 | 3.5 | 5.5 | 6.1 | 1835 | 3059 | 3518 |
| 45 | 27000 | 7.9 | 36167 | 10.6 | 39784 | 11.7 | 3.5 | 5.5 | 6.1 | 1835 | 3059 | 3518 |
| 46 | 27600 | 8.1 | 36300 | 10.6 | 39930 | 11.7 | 3.5 | 5.5 | 6.2 | 1838 | 3063 | 3523 |

## FM37AH UE0

| Total Indoor Unit Capacity(kBtu/h) | Heating Capacity | | | | | | Current(A) | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rating | Max | Min | Rating | Max |
| 16 | 10752 | 3.2 | 17920 | 5.3 | 19712 | 5.8 | 1.7 | 2.6 | 2.9 | 813 | 1356 | 1559 |
| 18 | 12096 | 3.5 | 20160 | 5.9 | 22176 | 6.5 | 1.8 | 2.9 | 3.2 | 915 | 1525 | 1754 |
| 19 | 12768 | 3.7 | 21280 | 6.2 | 23408 | 6.9 | 1.9 | 3.0 | 3.4 | 966 | 1610 | 1851 |
| 21 | 14112 | 4.1 | 23520 | 6.9 | 25872 | 7.6 | 2.1 | 3.3 | 3.7 | 1068 | 1779 | 2046 |
| 23 | 15456 | 4.5 | 25760 | 7.5 | 28336 | 8.3 | 2.3 | 3.6 | 4.0 | 1169 | 1949 | 2241 |
| 24 | 16128 | 4.7 | 26880 | 7.9 | 29568 | 8.7 | 2.4 | 3.7 | 4.2 | 1220 | 2033 | 2338 |
| 25 | 16800 | 4.9 | 28000 | 8.2 | 30800 | 9.0 | 2.5 | 3.9 | 4.4 | 1271 | 2118 | 2436 |
| 26 | 17472 | 5.1 | 29120 | 8.5 | 32032 | 9.4 | 2.6 | 4.0 | 4.6 | 1322 | 2203 | 2533 |
| 27 | 18144 | 5.3 | 30240 | 8.9 | 33264 | 9.7 | 2.7 | 4.2 | 4.7 | 1373 | 2288 | 2631 |
| 28 | 18816 | 5.5 | 31360 | 9.2 | 34496 | 10.1 | 2.8 | 4.4 | 4.9 | 1423 | 2372 | 2728 |
| 30 | 20160 | 5.9 | 33600 | 9.8 | 36960 | 10.8 | 3.0 | 4.6 | 5.2 | 1525 | 2542 | 2923 |
| 31 | 20832 | 6.1 | 34720 | 10.2 | 38192 | 11.2 | 3.1 | 4.8 | 5.4 | 1576 | 2626 | 3020 |
| 32 | 21504 | 6.3 | 35840 | 10.5 | 39424 | 11.6 | 3.2 | 4.9 | 5.5 | 1627 | 2711 | 3118 |
| 33 | 21511 | 6.3 | 35851 | 10.5 | 39436 | 11.6 | 3.2 | 5.1 | 5.7 | 1678 | 2796 | 3215 |
| 34 | 22048 | 6.5 | 36747 | 10.8 | 40422 | 11.8 | 3.3 | 5.2 | 5.8 | 1728 | 2881 | 3313 |
| 35 | 22579 | 6.6 | 37632 | 11.0 | 41395 | 12.1 | 3.4 | 5.3 | 6.0 | 1779 | 2965 | 3410 |
| 36 | 22800 | 6.7 | 38000 | 11.1 | 42000 | 12.3 | 3.5 | 5.4 | 6.1 | 1830 | 3050 | 3508 |
| 37 | 23145 | 6.8 | 38576 | 11.3 | 42433 | 12.4 | 3.4 | 5.4 | 6.1 | 1822 | 3037 | 3493 |
| 38 | 23353 | 6.8 | 38921 | 11.4 | 42813 | 12.5 | 3.4 | 5.4 | 6.0 | 1818 | 3030 | 3484 |
| 39 | 23491 | 6.9 | 39151 | 11.5 | 43067 | 12.6 | 3.4 | 5.4 | 6.0 | 1815 | 3025 | 3478 |
| 40 | 23560 | 6.9 | 39267 | 11.5 | 43194 | 12.7 | 3.4 | 5.3 | 6.0 | 1800 | 3000 | 3449 |
| 41 | 23644 | 6.9 | 39406 | 11.5 | 43347 | 12.7 | 3.4 | 5.3 | 5.9 | 1790 | 2983 | 3430 |
| 42 | 23630 | 6.9 | 39383 | 11.5 | 43322 | 12.7 | 3.4 | 5.3 | 5.9 | 1785 | 2974 | 3421 |
| 43 | 23768 | 7.0 | 39613 | 11.6 | 43574 | 12.8 | 3.3 | 5.2 | 5.9 | 1762 | 2937 | 3377 |
| 44 | 23847 | 7.0 | 39744 | 11.6 | 43719 | 12.8 | 3.3 | 5.2 | 5.8 | 1747 | 2911 | 3348 |
| 45 | 23860 | 7.0 | 39767 | 11.7 | 43744 | 12.8 | 3.3 | 5.1 | 5.8 | 1742 | 2904 | 3339 |
| 46 | 23906 | 7.0 | 39843 | 11.7 | 43827 | 12.8 | 3.3 | 5.1 | 5.8 | 1739 | 2899 | 3334 |

Note :
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 16~46 kBtu/h(40%~130%)
5.At least two indoor units should be connected.

# FM41AH U33

3Phase

## FM41AH U33

| Total Indoor Unit Capacity(kBtu/h) | Cooling Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 16 | 9600 | 2.8 | 16000 | 4.7 | 17600 | 5.2 | 796 | 1327 | 1526 |
| 18 | 10800 | 3.2 | 18000 | 5.3 | 19800 | 5.8 | 893 | 1489 | 1712 |
| 19 | 11400 | 3.3 | 19000 | 5.6 | 20900 | 6.1 | 943 | 1572 | 1807 |
| 21 | 12600 | 3.7 | 21000 | 6.2 | 23100 | 6.8 | 1042 | 1737 | 1998 |
| 23 | 13800 | 4.0 | 23000 | 6.7 | 25300 | 7.4 | 1011 | 1684 | 1937 |
| 24 | 14400 | 4.2 | 24000 | 7.0 | 26400 | 7.7 | 1053 | 1755 | 2019 |
| 25 | 15000 | 4.4 | 25000 | 7.3 | 27500 | 8.1 | 1096 | 1826 | 2100 |
| 26 | 15600 | 4.6 | 26000 | 7.6 | 28600 | 8.4 | 1161 | 1935 | 2225 |
| 27 | 16200 | 4.7 | 27000 | 7.9 | 29700 | 8.7 | 1227 | 2044 | 2351 |
| 28 | 16800 | 4.9 | 28000 | 8.2 | 30800 | 9.0 | 1292 | 2153 | 2476 |
| 29 | 17400 | 5.1 | 29000 | 8.5 | 31900 | 9.3 | 1357 | 2262 | 2602 |
| 30 | 18000 | 5.3 | 30000 | 8.8 | 33000 | 9.7 | 1423 | 2372 | 2727 |
| 31 | 18600 | 5.5 | 31000 | 9.1 | 34100 | 10.0 | 1488 | 2481 | 2853 |
| 32 | 19200 | 5.6 | 32000 | 9.4 | 35200 | 10.3 | 1554 | 2590 | 2978 |
| 33 | 19800 | 5.8 | 33000 | 9.7 | 36300 | 10.6 | 1619 | 2699 | 3104 |
| 34 | 20400 | 6.0 | 34000 | 10.0 | 37400 | 11.0 | 1685 | 2808 | 3229 |
| 35 | 21000 | 6.2 | 35000 | 10.3 | 38500 | 11.3 | 1750 | 2917 | 3355 |
| 36 | 21600 | 6.3 | 36000 | 10.5 | 39600 | 11.6 | 1816 | 3026 | 3480 |
| 37 | 22200 | 6.5 | 37000 | 10.8 | 40700 | 11.9 | 1859 | 3099 | 3564 |
| 38 | 22800 | 6.7 | 38000 | 11.1 | 41800 | 12.2 | 1903 | 3172 | 3648 |
| 39 | 23400 | 6.9 | 39000 | 11.4 | 42900 | 12.6 | 1947 | 3245 | 3732 |
| 40 | 24000 | 7.0 | 40000 | 11.7 | 44000 | 12.9 | 1991 | 3318 | 3816 |
| 41 | 24600 | 7.2 | 41000 | 12.0 | 45100 | 13.2 | 2035 | 3391 | 3900 |
| 42 | 25200 | 7.4 | 42000 | 12.3 | 46000 | 13.5 | 2083 | 3472 | 3993 |
| 43 | 25400 | 7.4 | 42333 | 12.4 | 46167 | 13.5 | 2132 | 3553 | 4086 |
| 44 | 25600 | 7.5 | 42667 | 12.5 | 46333 | 13.6 | 2180 | 3634 | 4179 |
| 45 | 25800 | 7.6 | 43000 | 12.6 | 46500 | 13.6 | 2229 | 3714 | 4271 |
| 46 | 26000 | 7.6 | 43333 | 12.7 | 46667 | 13.7 | 2277 | 3795 | 4364 |
| 47 | 26200 | 7.7 | 43667 | 12.8 | 46833 | 13.7 | 2325 | 3876 | 4457 |
| 48 | 26400 | 7.7 | 44000 | 12.9 | 47000 | 13.8 | 2370 | 3950 | 4550 |
| 49 | 26600 | 7.8 | 44333 | 13.0 | 47167 | 13.8 | 2418 | 4030 | 4643 |
| 50 | 26800 | 7.9 | 44667 | 13.1 | 47333 | 13.9 | 2400 | 4000 | 4736 |
| 51 | 27000 | 7.9 | 45000 | 13.2 | 47500 | 13.9 | 2400 | 4000 | 4829 |
| 52 | 27200 | 8.0 | 45333 | 13.3 | 47667 | 14.0 | 2400 | 4000 | 4900 |
| 53 | 27400 | 8.0 | 45667 | 13.4 | 47833 | 14.0 | 2400 | 4000 | 4900 |
| 54 | 27600 | 8.1 | 46000 | 13.5 | 48000 | 14.1 | 2400 | 4000 | 4900 |

## FM41AH U33

| Total Indoor Unit Capacity(kBtu/h) | Heating Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 16 | 10752 | 3.2 | 17920 | 5.3 | 19533 | 5.7 | 887 | 1478 | 1700 |
| 18 | 11880 | 3.5 | 19800 | 5.8 | 21582 | 6.3 | 975 | 1625 | 1868 |
| 19 | 12540 | 3.7 | 20900 | 6.1 | 22781 | 6.7 | 1029 | 1715 | 1972 |
| 21 | 13860 | 4.1 | 23100 | 6.8 | 25179 | 7.4 | 1137 | 1896 | 2180 |
| 23 | 15180 | 4.4 | 25300 | 7.4 | 27577 | 8.1 | 1355 | 2259 | 2869 |
| 24 | 15840 | 4.6 | 26400 | 7.7 | 28776 | 8.4 | 1400 | 2333 | 2963 |
| 25 | 16500 | 4.8 | 27500 | 8.1 | 29975 | 8.8 | 1488 | 2480 | 3150 |
| 26 | 17160 | 5.0 | 28600 | 8.4 | 31174 | 9.1 | 1535 | 2559 | 3250 |
| 27 | 17820 | 5.2 | 29700 | 8.7 | 32373 | 9.5 | 1579 | 2631 | 3342 |
| 28 | 18480 | 5.4 | 30800 | 9.0 | 33572 | 9.8 | 1622 | 2703 | 3433 |
| 29 | 19140 | 5.6 | 31900 | 9.3 | 34771 | 10.2 | 1665 | 2776 | 3525 |
| 30 | 19800 | 5.8 | 33000 | 9.7 | 35970 | 10.5 | 1709 | 2848 | 3617 |
| 31 | 20460 | 6.0 | 34100 | 10.0 | 37169 | 10.9 | 1752 | 2920 | 3708 |
| 32 | 21120 | 6.2 | 35200 | 10.3 | 38368 | 11.2 | 1795 | 2992 | 3800 |
| 33 | 21780 | 6.4 | 36300 | 10.6 | 39567 | 11.6 | 1839 | 3064 | 3892 |
| 34 | 22440 | 6.6 | 37400 | 11.0 | 40766 | 11.9 | 1882 | 3136 | 3983 |
| 35 | 23100 | 6.8 | 38500 | 11.3 | 41965 | 12.3 | 1925 | 3209 | 4075 |
| 36 | 23760 | 7.0 | 39600 | 11.6 | 43164 | 12.6 | 2008 | 3346 | 4250 |
| 37 | 24420 | 7.2 | 40700 | 11.9 | 44363 | 13.0 | 2050 | 3417 | 4340 |
| 38 | 25080 | 7.3 | 41800 | 12.2 | 45562 | 13.4 | 2093 | 3488 | 4430 |
| 39 | 25740 | 7.5 | 42900 | 12.6 | 46761 | 13.7 | 2135 | 3559 | 4520 |
| 40 | 26400 | 7.7 | 44000 | 12.9 | 47960 | 14.1 | 2178 | 3630 | 4610 |
| 41 | 27060 | 7.9 | 45100 | 13.2 | 49159 | 14.4 | 2220 | 3701 | 4700 |
| 42 | 27600 | 8.1 | 46000 | 13.5 | 50000 | 14.7 | 2235 | 3725 | 4731 |
| 43 | 27700 | 8.1 | 46167 | 13.5 | 50167 | 14.7 | 2250 | 3749 | 4762 |
| 44 | 27800 | 8.1 | 46333 | 13.6 | 50333 | 14.7 | 2264 | 3773 | 4792 |
| 45 | 27900 | 8.2 | 46500 | 13.6 | 50500 | 14.8 | 2279 | 3798 | 4823 |
| 46 | 28000 | 8.2 | 46667 | 13.7 | 50667 | 14.8 | 2293 | 3822 | 4854 |
| 47 | 28100 | 8.2 | 46833 | 13.7 | 50833 | 14.9 | 2308 | 3846 | 4885 |
| 48 | 28200 | 8.3 | 47000 | 13.8 | 51000 | 14.9 | 2322 | 3870 | 4915 |
| 49 | 28300 | 8.3 | 47167 | 13.8 | 51167 | 15.0 | 2340 | 3900 | 5100 |
| 50 | 28400 | 8.3 | 47333 | 13.9 | 51333 | 15.0 | 2340 | 3900 | 5100 |
| 51 | 28500 | 8.4 | 47500 | 13.9 | 51500 | 15.1 | 2340 | 3900 | 5100 |
| 52 | 28600 | 8.4 | 47667 | 14.0 | 51667 | 15.1 | 2340 | 3900 | 5100 |
| 53 | 28700 | 8.4 | 47833 | 14.0 | 51833 | 15.2 | 2340 | 3900 | 5100 |
| 54 | 28800 | 8.4 | 48000 | 14.1 | 52000 | 15.2 | 2340 | 3900 | 5100 |

Note :
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 16~54k Btu/h(40%~130%)
5.At least two indoor units should be connected.



# FM49AH U33

3Phase

## FM49AH U33

| Total Indoor Unit Capacity(kBtu/h) | Cooling Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 19 | 11400 | 3.3 | 19000 | 5.6 | 20900 | 6.1 | 943 | 1572 | 1807 |
| 21 | 12600 | 3.7 | 21000 | 6.2 | 23100 | 6.8 | 1042 | 1737 | 1998 |
| 23 | 13800 | 4.0 | 23000 | 6.7 | 25300 | 7.4 | 1011 | 1684 | 1937 |
| 24 | 14400 | 4.2 | 24000 | 7.0 | 26400 | 7.7 | 1053 | 1755 | 2019 |
| 25 | 15000 | 4.4 | 25000 | 7.3 | 27500 | 8.1 | 1096 | 1826 | 2100 |
| 26 | 15600 | 4.6 | 26000 | 7.6 | 28600 | 8.4 | 1161 | 1935 | 2225 |
| 27 | 16200 | 4.7 | 27000 | 7.9 | 29700 | 8.7 | 1227 | 2044 | 2351 |
| 28 | 16800 | 4.9 | 28000 | 8.2 | 30800 | 9.0 | 1292 | 2153 | 2476 |
| 29 | 17400 | 5.1 | 29000 | 8.5 | 31900 | 9.3 | 1357 | 2262 | 2602 |
| 30 | 18000 | 5.3 | 30000 | 8.8 | 33000 | 9.7 | 1423 | 2372 | 2727 |
| 31 | 18600 | 5.5 | 31000 | 9.1 | 34100 | 10.0 | 1488 | 2481 | 2853 |
| 32 | 19200 | 5.6 | 32000 | 9.4 | 35200 | 10.3 | 1554 | 2590 | 2978 |
| 33 | 19800 | 5.8 | 33000 | 9.7 | 36300 | 10.6 | 1619 | 2699 | 3104 |
| 34 | 20400 | 6.0 | 34000 | 10.0 | 37400 | 11.0 | 1685 | 2808 | 3229 |
| 35 | 21000 | 6.2 | 35000 | 10.3 | 38500 | 11.3 | 1750 | 2917 | 3355 |
| 36 | 21600 | 6.3 | 36000 | 10.5 | 39600 | 11.6 | 1816 | 3026 | 3480 |
| 37 | 22200 | 6.5 | 37000 | 10.8 | 40700 | 11.9 | 1859 | 3099 | 3564 |
| 38 | 22800 | 6.7 | 38000 | 11.1 | 41800 | 12.2 | 1903 | 3172 | 3648 |
| 39 | 23400 | 6.9 | 39000 | 11.4 | 42900 | 12.6 | 1947 | 3245 | 3732 |
| 40 | 24000 | 7.0 | 40000 | 11.7 | 44000 | 12.9 | 1991 | 3318 | 3816 |
| 41 | 24600 | 7.2 | 41000 | 12.0 | 45100 | 13.2 | 2035 | 3391 | 3900 |
| 42 | 25200 | 7.4 | 42000 | 12.3 | 46000 | 13.5 | 2083 | 3472 | 3993 |
| 43 | 25800 | 7.6 | 43000 | 12.6 | 47300 | 13.9 | 2132 | 3553 | 4086 |
| 44 | 26400 | 7.7 | 44000 | 12.9 | 48400 | 14.2 | 2180 | 3634 | 4179 |
| 45 | 27000 | 7.9 | 45000 | 13.2 | 49500 | 14.5 | 2229 | 3714 | 4271 |
| 46 | 27600 | 8.1 | 46000 | 13.5 | 50600 | 14.8 | 2277 | 3795 | 4364 |
| 47 | 28200 | 8.3 | 47000 | 13.8 | 51700 | 15.2 | 2325 | 3876 | 4457 |
| 48 | 28800 | 8.4 | 48000 | 14.1 | 52800 | 15.5 | 2374 | 3957 | 4550 |
| 49 | 29006 | 8.5 | 48343 | 14.2 | 53171 | 15.6 | 2422 | 4037 | 4643 |
| 50 | 29211 | 8.6 | 48686 | 14.3 | 53543 | 15.7 | 2471 | 4118 | 4736 |
| 51 | 29417 | 8.6 | 49029 | 14.4 | 53914 | 15.8 | 2519 | 4199 | 4829 |
| 52 | 29623 | 8.7 | 49371 | 14.5 | 54286 | 15.9 | 2568 | 4280 | 4921 |
| 53 | 29829 | 8.7 | 49714 | 14.6 | 54657 | 16.0 | 2616 | 4360 | 5014 |
| 54 | 30034 | 8.8 | 50057 | 14.7 | 55029 | 16.1 | 2713 | 4522 | 5200 |
| 55 | 30240 | 8.9 | 50400 | 14.8 | 55400 | 16.2 | 2760 | 4600 | 5300 |
| 56 | 30446 | 8.9 | 50743 | 14.9 | 55771 | 16.3 | 2760 | 4600 | 5400 |
| 57 | 30651 | 9.0 | 51086 | 15.0 | 56143 | 16.5 | 2760 | 4600 | 5400 |
| 58 | 30857 | 9.0 | 51429 | 15.1 | 56514 | 16.6 | 2760 | 4600 | 5400 |
| 59 | 31063 | 9.1 | 51771 | 15.2 | 56886 | 16.7 | 2760 | 4600 | 5400 |
| 60 | 31269 | 9.2 | 52114 | 15.3 | 57257 | 16.8 | 2760 | 4600 | 5400 |
| 61 | 31474 | 9.2 | 52457 | 15.4 | 57629 | 16.9 | 2760 | 4600 | 5400 |
| 62 | 31680 | 9.3 | 52800 | 15.5 | 58000 | 17.0 | 2760 | 4600 | 5400 |

## FM49AH U33

| Total Indoor Unit Capacity(kBtu/h) | Heating Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 19 | 12540 | 3.7 | 20900 | 6.1 | 22781 | 6.7 | 1136 | 1894 | 2178 |
| 21 | 13860 | 4.1 | 23100 | 6.8 | 25179 | 7.4 | 1256 | 2093 | 2407 |
| 23 | 15180 | 4.4 | 25300 | 7.4 | 27577 | 8.1 | 1497 | 2495 | 2869 |
| 24 | 15840 | 4.6 | 26400 | 7.7 | 28776 | 8.4 | 1546 | 2576 | 2963 |
| 25 | 16500 | 4.8 | 27500 | 8.1 | 29975 | 8.8 | 1643 | 2739 | 3150 |
| 26 | 17160 | 5.0 | 28600 | 8.4 | 31174 | 9.1 | 1696 | 2826 | 3250 |
| 27 | 17820 | 5.2 | 29700 | 8.7 | 32373 | 9.5 | 1743 | 2906 | 3342 |
| 28 | 18480 | 5.4 | 30800 | 9.0 | 33572 | 9.8 | 1791 | 2986 | 3433 |
| 29 | 19140 | 5.6 | 31900 | 9.3 | 34771 | 10.2 | 1839 | 3065 | 3525 |
| 30 | 19800 | 5.8 | 33000 | 9.7 | 35970 | 10.5 | 1887 | 3145 | 3617 |
| 31 | 20460 | 6.0 | 34100 | 10.0 | 37169 | 10.9 | 1935 | 3225 | 3708 |
| 32 | 21120 | 6.2 | 35200 | 10.3 | 38368 | 11.2 | 1983 | 3304 | 3800 |
| 33 | 21780 | 6.4 | 36300 | 10.6 | 39567 | 11.6 | 2030 | 3384 | 3892 |
| 34 | 22440 | 6.6 | 37400 | 11.0 | 40766 | 11.9 | 2078 | 3464 | 3983 |
| 35 | 23100 | 6.8 | 38500 | 11.3 | 41965 | 12.3 | 2126 | 3543 | 4075 |
| 36 | 23760 | 7.0 | 39600 | 11.6 | 43164 | 12.6 | 2217 | 3696 | 4250 |
| 37 | 24420 | 7.2 | 40700 | 11.9 | 44363 | 13.0 | 2264 | 3774 | 4340 |
| 38 | 25080 | 7.3 | 41800 | 12.2 | 45562 | 13.4 | 2311 | 3852 | 4430 |
| 39 | 25740 | 7.5 | 42900 | 12.6 | 46761 | 13.7 | 2358 | 3930 | 4520 |
| 40 | 26400 | 7.7 | 44000 | 12.9 | 47960 | 14.1 | 2405 | 4009 | 4610 |
| 41 | 27060 | 7.9 | 45100 | 13.2 | 49159 | 14.4 | 2452 | 4087 | 4700 |
| 42 | 27600 | 8.1 | 46000 | 13.5 | 50000 | 14.7 | 2474 | 4123 | 4742 |
| 43 | 28400 | 8.3 | 47333 | 13.9 | 51000 | 14.9 | 2496 | 4159 | 4783 |
| 44 | 29200 | 8.6 | 48667 | 14.3 | 52000 | 15.2 | 2517 | 4195 | 4825 |
| 45 | 30000 | 8.8 | 50000 | 14.7 | 53000 | 15.5 | 2539 | 4231 | 4866 |
| 46 | 30800 | 9.0 | 51333 | 15.0 | 54000 | 15.8 | 2561 | 4268 | 4908 |
| 47 | 31600 | 9.3 | 52667 | 15.4 | 55000 | 16.1 | 2582 | 4304 | 4949 |
| 48 | 32400 | 9.5 | 54000 | 15.8 | 56000 | 16.4 | 2604 | 4340 | 4991 |
| 49 | 32486 | 9.5 | 54143 | 15.9 | 56214 | 16.5 | 2700 | 4500 | 5240 |
| 50 | 32571 | 9.5 | 54286 | 15.9 | 56429 | 16.5 | 2700 | 4500 | 5240 |
| 51 | 32657 | 9.6 | 54429 | 15.9 | 56643 | 16.6 | 2700 | 4500 | 5240 |
| 52 | 32743 | 9.6 | 54571 | 16.0 | 56857 | 16.7 | 2700 | 4500 | 5240 |
| 53 | 32829 | 9.6 | 54714 | 16.0 | 57071 | 16.7 | 2700 | 4500 | 5240 |
| 54 | 32914 | 9.6 | 54857 | 16.1 | 57286 | 16.8 | 2700 | 4500 | 5240 |
| 55 | 33000 | 9.7 | 55000 | 16.1 | 57500 | 16.8 | 2670 | 4450 | 5200 |
| 56 | 33086 | 9.7 | 55143 | 16.2 | 57714 | 16.9 | 2670 | 4450 | 5200 |
| 57 | 33171 | 9.7 | 55286 | 16.2 | 57929 | 17.0 | 2670 | 4450 | 5200 |
| 58 | 33257 | 9.7 | 55429 | 16.2 | 58143 | 17.0 | 2670 | 4450 | 5200 |
| 59 | 33343 | 9.8 | 55571 | 16.3 | 58357 | 17.1 | 2670 | 4450 | 5200 |
| 60 | 33429 | 9.8 | 55714 | 16.3 | 58571 | 17.2 | 2670 | 4450 | 5200 |
| 61 | 33514 | 9.8 | 55857 | 16.4 | 58786 | 17.2 | 2670 | 4450 | 5200 |
| 62 | 33600 | 9.8 | 56000 | 16.4 | 59000 | 17.3 | 2670 | 4450 | 5200 |

Note :
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 19~62k Btu/h(40%~130%)
5.At least two indoor units should be connected.

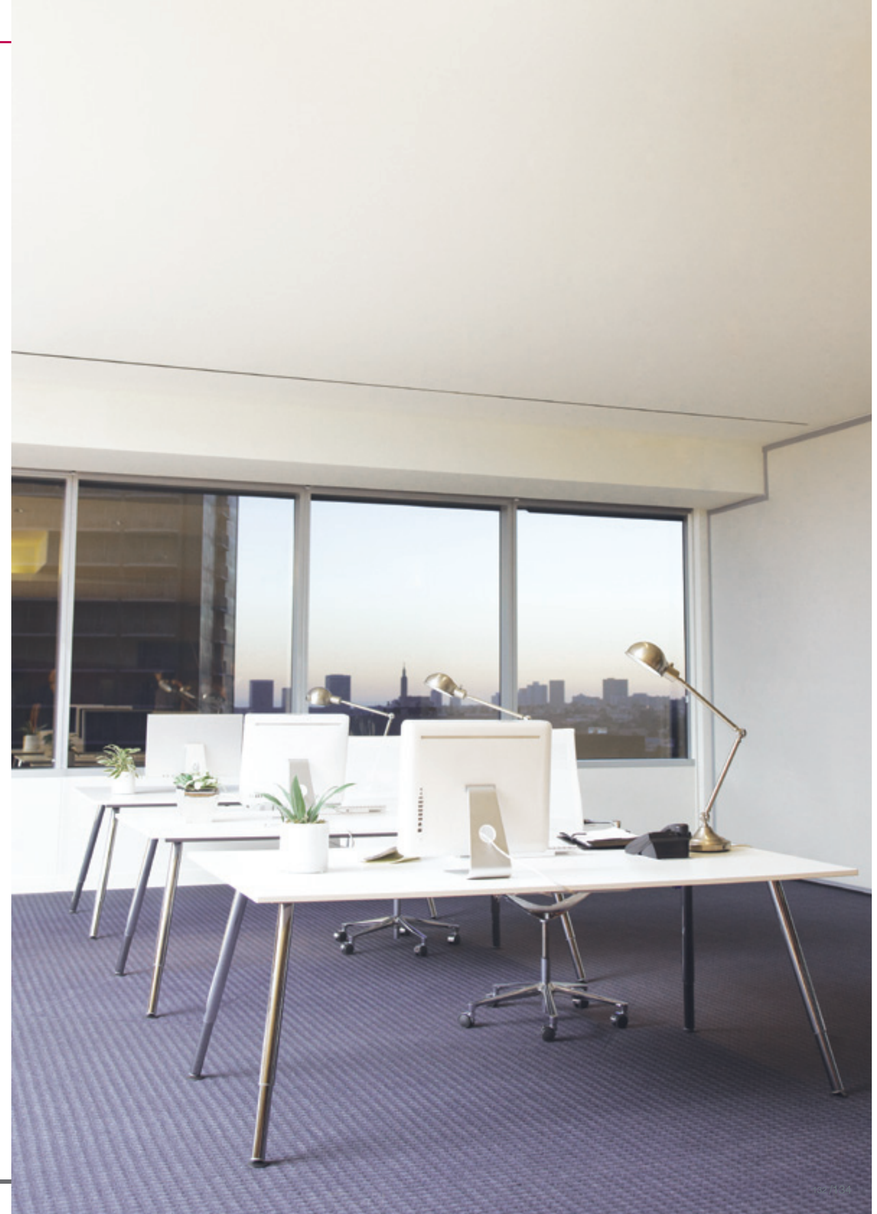
## FM57AH U33

| Total Indoor Unit Capacity(kBtu/h) | Cooling Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 23 | 13800 | 4.0 | 23000 | 6.7 | 25300 | 7.4 | 1011 | 1684 | 1937 |
| 24 | 14400 | 4.2 | 24000 | 7.0 | 26400 | 7.7 | 1053 | 1755 | 2019 |
| 25 | 15000 | 4.4 | 25000 | 7.3 | 27500 | 8.1 | 1096 | 1826 | 2100 |
| 26 | 15600 | 4.6 | 26000 | 7.6 | 28600 | 8.4 | 1161 | 1935 | 2225 |
| 27 | 16200 | 4.7 | 27000 | 7.9 | 29700 | 8.7 | 1227 | 2044 | 2351 |
| 28 | 16800 | 4.9 | 28000 | 8.2 | 30800 | 9.0 | 1292 | 2153 | 2476 |
| 29 | 17400 | 5.1 | 29000 | 8.5 | 31900 | 9.3 | 1357 | 2262 | 2602 |
| 30 | 18000 | 5.3 | 30000 | 8.8 | 33000 | 9.7 | 1423 | 2372 | 2727 |
| 31 | 18600 | 5.5 | 31000 | 9.1 | 34100 | 10.0 | 1488 | 2481 | 2853 |
| 32 | 19200 | 5.6 | 32000 | 9.4 | 35200 | 10.3 | 1554 | 2590 | 2978 |
| 33 | 19800 | 5.8 | 33000 | 9.7 | 36300 | 10.6 | 1619 | 2699 | 3104 |
| 34 | 20400 | 6.0 | 34000 | 10.0 | 37400 | 11.0 | 1685 | 2808 | 3229 |
| 35 | 21000 | 6.2 | 35000 | 10.3 | 38500 | 11.3 | 1750 | 2917 | 3355 |
| 36 | 21600 | 6.3 | 36000 | 10.5 | 39600 | 11.6 | 1816 | 3026 | 3480 |
| 37 | 22200 | 6.5 | 37000 | 10.8 | 40700 | 11.9 | 1859 | 3099 | 3564 |
| 38 | 22800 | 6.7 | 38000 | 11.1 | 41800 | 12.2 | 1903 | 3172 | 3648 |
| 39 | 23400 | 6.9 | 39000 | 11.4 | 42900 | 12.6 | 1947 | 3245 | 3732 |
| 40 | 24000 | 7.0 | 40000 | 11.7 | 44000 | 12.9 | 1991 | 3318 | 3816 |
| 41 | 24600 | 7.2 | 41000 | 12.0 | 45100 | 13.2 | 2035 | 3391 | 3900 |
| 42 | 25200 | 7.4 | 42000 | 12.3 | 46000 | 13.5 | 2083 | 3472 | 3993 |
| 43 | 25800 | 7.6 | 43000 | 12.6 | 47300 | 13.9 | 2132 | 3553 | 4086 |
| 44 | 26400 | 7.7 | 44000 | 12.9 | 48400 | 14.2 | 2180 | 3634 | 4179 |
| 45 | 27000 | 7.9 | 45000 | 13.2 | 49500 | 14.5 | 2229 | 3714 | 4271 |
| 46 | 27600 | 8.1 | 46000 | 13.5 | 50600 | 14.8 | 2277 | 3795 | 4364 |
| 47 | 28200 | 8.3 | 47000 | 13.8 | 51700 | 15.2 | 2325 | 3876 | 4457 |
| 48 | 28800 | 8.4 | 48000 | 14.1 | 52800 | 15.5 | 2374 | 3957 | 4550 |
| 49 | 29300 | 8.6 | 48833 | 14.3 | 53650 | 15.7 | 2422 | 4037 | 4643 |
| 50 | 29800 | 8.7 | 49667 | 14.6 | 54500 | 16.0 | 2471 | 4118 | 4736 |
| 51 | 30300 | 8.9 | 50500 | 14.8 | 55350 | 16.2 | 2519 | 4199 | 4829 |
| 52 | 30800 | 9.0 | 51333 | 15.0 | 56200 | 16.5 | 2568 | 4280 | 4921 |
| 53 | 31300 | 9.2 | 52167 | 15.3 | 57050 | 16.7 | 2616 | 4360 | 5014 |
| 54 | 31800 | 9.3 | 53000 | 15.5 | 57900 | 17.0 | 2713 | 4522 | 5200 |
| 55 | 31950 | 9.4 | 53250 | 15.6 | 58231 | 17.1 | 2817 | 4696 | 5400 |
| 56 | 32100 | 9.4 | 53500 | 15.7 | 58563 | 17.2 | 2896 | 4826 | 5550 |
| 57 | 32250 | 9.5 | 53750 | 15.8 | 58894 | 17.3 | 2896 | 4826 | 5650 |
| 58 | 32400 | 9.5 | 54000 | 15.8 | 59225 | 17.4 | 2896 | 4826 | 5650 |
| 59 | 32550 | 9.5 | 54250 | 15.9 | 59556 | 17.5 | 2946 | 4910 | 5650 |
| 60 | 32700 | 9.6 | 54500 | 16.0 | 59888 | 17.5 | 2946 | 4910 | 5650 |
| 61 | 32850 | 9.6 | 54750 | 16.0 | 60219 | 17.6 | 2946 | 4910 | 5650 |
| 62 | 33000 | 9.7 | 55000 | 16.1 | 60550 | 17.7 | 2946 | 4910 | 5650 |
| 63 | 33150 | 9.7 | 55250 | 16.2 | 60881 | 17.8 | 2946 | 4910 | 5650 |
| 64 | 33300 | 9.8 | 55500 | 16.3 | 61213 | 17.9 | 2946 | 4910 | 5650 |
| 65 | 33450 | 9.8 | 55750 | 16.3 | 61544 | 18.0 | 2946 | 4910 | 5650 |
| 66 | 33600 | 9.8 | 56000 | 16.4 | 61875 | 18.1 | 2946 | 4910 | 5650 |
| 67 | 33750 | 9.9 | 56250 | 16.5 | 62206 | 18.2 | 2946 | 4910 | 5650 |
| 68 | 33900 | 9.9 | 56500 | 16.6 | 62538 | 18.3 | 2946 | 4910 | 5650 |
| 69 | 34050 | 10.0 | 56750 | 16.6 | 62869 | 18.4 | 2946 | 4910 | 5650 |
| 70 | 34200 | 10.0 | 57000 | 16.7 | 63200 | 18.5 | 2946 | 4910 | 5650 |
| 71 | 34200 | 10.0 | 57000 | 16.7 | 63200 | 18.5 | 2946 | 4910 | 5650 |
| 72 | 34200 | 10.0 | 57000 | 16.7 | 63200 | 18.5 | 2946 | 4910 | 5650 |
| 73 | 34200 | 10.0 | 57000 | 16.7 | 63200 | 18.5 | 2946 | 4910 | 5650 |

## FM57AH U33

| Total Indoor Unit Capacity(kBtu/h) | Heating Capacity | | | | | | Input(W) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | | Rating | | Max | | | | |
| | Btu/h | kW | Btu/h | kW | Btu/h | kW | Min | Rated | Max |
| 23 | 15180 | 4.4 | 25300 | 7.4 | 27577 | 8.1 | 1497 | 2495 | 2869 |
| 24 | 15840 | 4.6 | 26400 | 7.7 | 28776 | 8.4 | 1546 | 2576 | 2963 |
| 25 | 16500 | 4.8 | 27500 | 8.1 | 29975 | 8.8 | 1643 | 2739 | 3150 |
| 26 | 17160 | 5.0 | 28600 | 8.4 | 31174 | 9.1 | 1696 | 2826 | 3250 |
| 27 | 17820 | 5.2 | 29700 | 8.7 | 32373 | 9.5 | 1743 | 2906 | 3342 |
| 28 | 18480 | 5.4 | 30800 | 9.0 | 33572 | 9.8 | 1791 | 2986 | 3433 |
| 29 | 19140 | 5.6 | 31900 | 9.3 | 34771 | 10.2 | 1839 | 3065 | 3525 |
| 30 | 19800 | 5.8 | 33000 | 9.7 | 35970 | 10.5 | 1887 | 3145 | 3617 |
| 31 | 20460 | 6.0 | 34100 | 10.0 | 37169 | 10.9 | 1935 | 3225 | 3708 |
| 32 | 21120 | 6.2 | 35200 | 10.3 | 38368 | 11.2 | 1983 | 3304 | 3800 |
| 33 | 21780 | 6.4 | 36300 | 10.6 | 39567 | 11.6 | 2030 | 3384 | 3892 |
| 34 | 22440 | 6.6 | 37400 | 11.0 | 40766 | 11.9 | 2078 | 3464 | 3983 |
| 35 | 23100 | 6.8 | 38500 | 11.3 | 41965 | 12.3 | 2126 | 3543 | 4075 |
| 36 | 23760 | 7.0 | 39600 | 11.6 | 43164 | 12.6 | 2217 | 3696 | 4250 |
| 37 | 24420 | 7.2 | 40700 | 11.9 | 44363 | 13.0 | 2264 | 3774 | 4340 |
| 38 | 25080 | 7.3 | 41800 | 12.2 | 45562 | 13.4 | 2311 | 3852 | 4430 |
| 39 | 25740 | 7.5 | 42900 | 12.6 | 46761 | 13.7 | 2358 | 3930 | 4520 |
| 40 | 26400 | 7.7 | 44000 | 12.9 | 47960 | 14.1 | 2405 | 4009 | 4610 |
| 41 | 27060 | 7.9 | 45100 | 13.2 | 49159 | 14.4 | 2452 | 4087 | 4700 |
| 42 | 27600 | 8.1 | 46000 | 13.5 | 50000 | 14.7 | 2487 | 4146 | 4768 |
| 43 | 28400 | 8.3 | 47333 | 13.9 | 51000 | 14.9 | 2523 | 4205 | 4835 |
| 44 | 29200 | 8.6 | 48667 | 14.3 | 52000 | 15.2 | 2558 | 4264 | 4903 |
| 45 | 30000 | 8.8 | 50000 | 14.7 | 53000 | 15.5 | 2593 | 4322 | 4971 |
| 46 | 30800 | 9.0 | 51333 | 15.0 | 54000 | 15.8 | 2629 | 4381 | 5038 |
| 47 | 31600 | 9.3 | 52667 | 15.4 | 55000 | 16.1 | 2664 | 4440 | 5106 |
| 48 | 32400 | 9.5 | 54000 | 15.8 | 56000 | 16.4 | 2699 | 4499 | 5174 |
| 49 | 32700 | 9.6 | 54500 | 16.0 | 56833 | 16.7 | 2735 | 4558 | 5242 |
| 50 | 33000 | 9.7 | 55000 | 16.1 | 57667 | 16.9 | 2770 | 4617 | 5309 |
| 51 | 33300 | 9.8 | 55500 | 16.3 | 58500 | 17.1 | 2805 | 4676 | 5377 |
| 52 | 33600 | 9.8 | 56000 | 16.4 | 59333 | 17.4 | 2841 | 4734 | 5445 |
| 53 | 33900 | 9.9 | 56500 | 16.6 | 60167 | 17.6 | 2876 | 4793 | 5512 |
| 54 | 34200 | 10.0 | 57000 | 16.7 | 61000 | 17.9 | 2911 | 4852 | 5580 |
| 55 | 34326 | 10.1 | 57211 | 16.8 | 61158 | 17.9 | 2911 | 4852 | 5400 |
| 56 | 34453 | 10.1 | 57421 | 16.8 | 61316 | 18.0 | 2911 | 4852 | 5340 |
| 57 | 34579 | 10.1 | 57632 | 16.9 | 61474 | 18.0 | 2911 | 4852 | 5340 |
| 58 | 34705 | 10.2 | 57842 | 17.0 | 61632 | 18.1 | 2736 | 4560 | 5371 |
| 59 | 34832 | 10.2 | 58053 | 17.0 | 61789 | 18.1 | 2736 | 4560 | 5402 |
| 60 | 34958 | 10.2 | 58263 | 17.1 | 61947 | 18.2 | 2736 | 4560 | 5433 |
| 61 | 35084 | 10.3 | 58474 | 17.1 | 62105 | 18.2 | 2736 | 4560 | 5464 |
| 62 | 35211 | 10.3 | 58684 | 17.2 | 62263 | 18.2 | 2730 | 4550 | 5650 |
| 63 | 35337 | 10.4 | 58895 | 17.3 | 62421 | 18.3 | 2730 | 4550 | 5650 |
| 64 | 35463 | 10.4 | 59105 | 17.3 | 62579 | 18.3 | 2730 | 4550 | 5650 |
| 65 | 35589 | 10.4 | 59316 | 17.4 | 62737 | 18.4 | 2730 | 4550 | 5650 |
| 66 | 35716 | 10.5 | 59526 | 17.4 | 62895 | 18.4 | 2730 | 4550 | 5650 |
| 67 | 35842 | 10.5 | 59737 | 17.5 | 63053 | 18.5 | 2730 | 4550 | 5650 |
| 68 | 35968 | 10.5 | 59947 | 17.6 | 63211 | 18.5 | 2730 | 4550 | 5650 |
| 69 | 36095 | 10.6 | 60158 | 17.6 | 63368 | 18.6 | 2730 | 4550 | 5650 |
| 70 | 36600 | 10.7 | 61000 | 17.9 | 64000 | 18.8 | 2730 | 4550 | 5650 |
| 71 | 36600 | 10.7 | 61000 | 17.9 | 64000 | 18.8 | 2730 | 4550 | 5710 |
| 72 | 36600 | 10.7 | 61000 | 17.9 | 64000 | 18.8 | 2730 | 4550 | 5710 |
| 73 | 36600 | 10.7 | 61000 | 17.9 | 64000 | 18.8 | 2730 | 4550 | 5710 |

Note :
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 23~73k Btu/h(40%~130%)
5.At least two indoor units should be connected.



## Features _ icon

- Weekly Program
- Turbo Fan
- High Head Drain Pump
- Low Standby Power
- Auto Restart
- Central Controller(Accessory)
- Group Control
- Child Lock Function
- Two Thermistor Control
- Auto Changeover
- Long & High Elevation Piping
- Hot Start
- Zone Control (Optional)
- Wireless Remote Controller
- Jet Cool
- Auto Operation
- 7-Hour OFF Setting Timer
- 24-Hour ON/OFF Setting Timer
- Duct Operation