

AIR COOLED WATER CHILLERS WITH SCREW COMPRESSORS

LCS-C / LCS-F



40 models cooling only, standard version and with Free-cooling system, for outdoor installation

Cooling capacity from 210 to 530 kW

LCS-CS water chillers

LCS-FS water chillers with Free-Cooling system

LCS-CL water chillers in low noise version

LCS-FS water chillers with Free-Cooling system in low noise version

Double screw semi-hermetic compressors with internal lubrication system

4 Condensing coils on all the range for maximize the operation efficiency

Integrated hydraulic kit available in different versions

Options available on request:

- ✓ **electronic expansion valve**
- ✓ **high efficiency kit (economizer)**
- ✓ **partial and total heat recovery system**
- ✓ **condensing control**
- ✓ **anti-freeze kit**
- ✓ **microprocessor control suitable for different BMS connections**

RATED TECHNICAL DATA

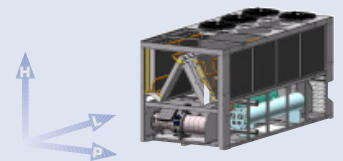
LCS-CS standard version		211	261	272	301	322
Cooling capacity	kW	211,1	265,7	271,3	300,3	323,4
Compressors power input	kW	71,7	83,8	94,6	99	106,4
Compressors current absorption	A	122	139	158	165	177
COP		2,9	3,2	2,9	3	3
Nr. of compressors / circuits		1 / 1	1 / 1	2 / 2	1 / 1	2 / 2
Capacity step		continuous	continuous	continuous	continuous	continuous
Sound power level	dB A	88	90	90	90	90
Sound pressure level 1 m distance	dB A	77	79	79	79	79
Length L	mm	3290	3290	3290	3290	3290
Width P	mm	2250	2250	2250	2250	2250
Height H	mm	2350	2350	2350	2350	2350

LCS-CS standard version		351	372	422	482	532
Cooling capacity	kW	346,5	375,3	422,1	476,7	531,3
Compressors power input	kW	112,3	124,8	143,4	155,5	167,6
Compressors current absorption	A	185	207	244	261	278
COP		3,1	3	2,9	3,1	3,2
Nr. of compressors / circuits		1 / 1	2 / 2	2 / 2	2 / 2	2 / 2
Capacity step		continuous	continuous	continuous	continuous	continuous
Sound power level	dB A	92	92	92	93	93
Sound pressure level 1 m distance	dB A	81	81	81	82	82
Length L	mm	4976	4976	4976	4976	4976
Width P	mm	2250	2250	2250	2250	2250
Height H	mm	2350	2350	2350	2350	2350

LCS-CL low noise version		211	261	272	301	322
Cooling capacity	kW	196,4	235,2	252	266,7	297,2
Compressors power input	kW	78,4	91	102,6	106	115,6
Compressors current absorption	A	132	150	170	176	190
COP		2,5	2,6	2,5	2,5	2,6
Nr. of compressors / circuits		1 / 1	1 / 1	2 / 2	1 / 1	2 / 2
Capacity step		continuous	continuous	continuous	continuous	continuous
Sound power level	dB A	83	84	84	84	84
Sound pressure level 1 m distance	dB A	72	73	73	73	73
Length L	mm	3290	3290	3290	3290	3290
Width P	mm	2250	2250	2250	2250	2250
Height H	mm	2350	2350	2350	2350	2350

LCS-CL low noise version		351	372	422	482	532
Cooling capacity	kW	309,8	340,2	392,7	431,6	470,4
Compressors power input	kW	122	136	156,8	169,4	183
Compressors current absorption	A	201	224	264	282	300
COP		2,5	2,5	2,5	2,5	2,6
Nr. of compressors / circuits		1 / 1	2 / 2	2 / 2	2 / 2	2 / 2
Capacity step		continuous	continuous	continuous	continuous	continuous
Sound power level	dB A	86	86	86	87	87
Sound pressure level 1 m distance	dB A	75	75	75	76	76
Length L	mm	4976	4976	4976	4976	4976
Width P	mm	2250	2250	2250	2250	2250
Height H	mm	2350	2350	2350	2350	2350

Cooling capacity: water temperature 12 / 7°C - air temperature to the condenser 35°C
 Sound pressure: calculated in free field condition, directional factor 2



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Galletti is participating
 to the Eurovent
 certification programme

COMPANY
 WITH QUALITY SYSTEM
 CERTIFIED BY DNV
 = ISO 9001/2000 =



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