

## WATER COOLED CHILLERS AND HEAT PUMPS

**LCW-C / LCW-H / LCR**



**60 models: cooling only and heat pump available in low noise and super low noise version.**

**Cooling capacity from 54 to 296 kW**

**Heating capacity from 59 to 321 kW**

**LCW-CS** water cooled chiller, standard version

**LCW-CL** water cooled chiller, low noise version

**LCW-HS** water cooled heat pump, standard version

**LCW-CS** water cooled heat pump, low noise version

**LCR** motoevaporating units, standard and low noise version

**Completely closed frame for very reduced noise levels**

**2 independent refrigerant circuits with 2 or 4 scroll compressors**

**Hydraulic connections to the top of the unit**

**Microprocessor control with connection to different BMS**

**Available options: electronic expansion valve, partial heat recovery, condensing pressure control, antifreeze kit, GSM modem provided with antenna**

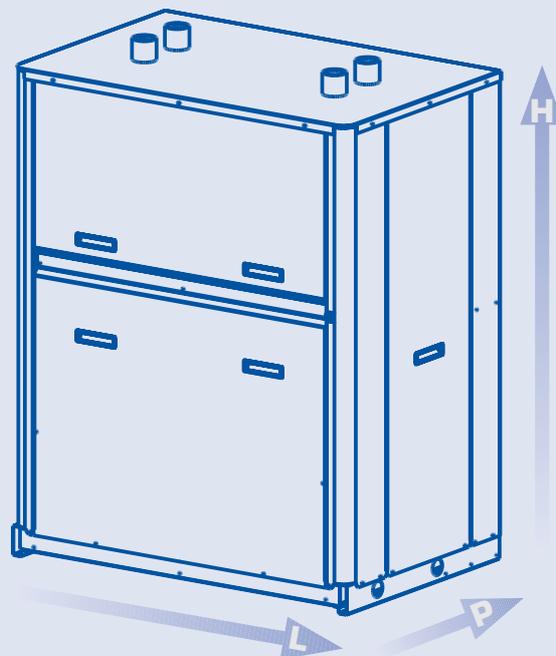


# LCW RATED TECHNICAL DATA

LCW water/water units		055	060	070	080	090	105	115	130
Cooling capacity	kW	54,0	59,8	68,7	81,5	89,7	103,0	121,2	137,3
heating capacity	kW	58,6	63,4	71,8	88,3	97,5	110,8	128,5	148,7
Power input	kW	12,0	14,6	15,7	18,4	22,3	25,4	30,2	34,2
Compressors/refrigerant circuits	nr.	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
Soud pressure low noise units	dB A	44	44	45	45	45	46	46	48
Soud pressure super low noise units	dB A	42	42	43	43	43	44	44	46
Overall dimensions - height H	mm	1494	1494	1494	1494	1494	1494	1494	1494
Overall dimensions - lenght L	mm	1204	1204	1204	1204	1168	1168	1168	1168
Overall dimensions - width P	mm	788	788	788	788	1168	1168	1168	1168

LCW water/water units		150	180	205	235	250	275	300
Cooling capacity	kW	151,0	173,0	209,7	236,7	253,8	273,5	296,0
Heating capacity	kW	163,4	187,2	227,0	256,2	274,9	296,1	320,6
power input	kW	37,6	44,1	53,4	59,8	65,3	69,1	74,8
Compressors/refrigerant circuit	nr.	2 / 2	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2
Soud pressure low noise units	dB A	48	48	48	48	48	48	48
Soud pressure super low noise units	dB A	46	46	46	46	46	46	46
Overall dimensions - height H	mm	1494	1494	1494	1494	1494	1644	1644
Overall dimensions - lenght L	mm	1168	1168	1168	1168	1168	1168	1168
Overall dimensions - width P	mm	1168	1168	1168	1168	1168	1168	1168

Cooling capacity: evaporator water temp. 12 / 7°C - water temp. to the condenser 15°C  
 Heating capacity: condenser water temp. 40 / 45°C - water temp. to the evaporator 15°C  
 Sound pressure: calculated in free field conditions, 10 m distance, directional factor 2



RG66001179 - Rev.01



Via Romagnoli 12/a 40010 Bentivoglio (Bologna)  
 Tel. 051 8908111 - Fax 051 8908122

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