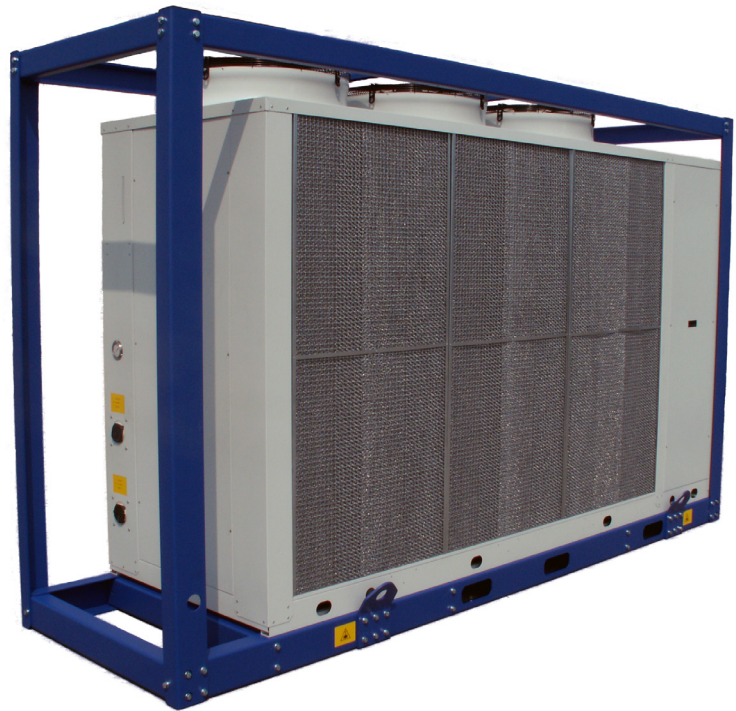


## 100 KW CHILLER

### Features:

- Water Outlet Temperature Regulator
- Automatic Fan Circuit Breaker
- Fan Speed Regulator
- Internal Fan Protection Grid
- Electric Board Heater
- Water Strainer
- Electronic Expansion Valve
- Condensing Coil Grid with Metallic Strainer
- Water Expansion Vessel
- 3 Bar Water Pump
- Buffer Tank
- Steel Framed



Specification Overview	
Nominal Cooling Duty	100 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	5 Pin 125A BS4343
Noise Levels	53 dBA @ 10 Metres
Dry Weight	950 Kg
Dimensions (WxLxH)	1,150 x 3,850 x 2,350 mm
Control	Automatic Programmer
Power Consumption	44.9 kWh
Water Connections	2" Bauer Male & Female
Buffer Vessel	300 Litre
Water Pump	Lowara FHE32-200/55P

**Our extensive and modern range of hire equipment includes:**

Air Cooled Chillers from 5kW to 750kW. As Well as a Heat Pump Range from 10kW up to 200kW Single Units. Container, Trailer and Packaged Boilers with Integral Pumps and Heat Exchangers Ranging from 100kW to 1.2mW. Portable Air Conditioning Units. Including: Exhaust Tube Units, Split Type Air Conditioners and Evaporative Coolers. Electric, Gas and Diesel Powered Heaters. Including: Fan Heaters, Infrared, Indirect Fired and Direct Fired Units.

# 100 KW CHILLER

Performance Data	
Design Duty	103.2 Kw
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	33.5 kW
EER	2.9
Compressors	2
Compressor Type	Scroll
Capacity Steps	2
Refrigerant	
Type	R410a
No. of Circuits	1
Noise Level	
Sound Pressure	53 dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	1
Design Flow	16 m <sup>3</sup> /h
Pressure Drop	32 kPa
Max System Pressure	87 kpa
Condenser	
Fan Quantity	3
Fan Type	Axial
Air Max Volume	10.8 m <sup>3</sup> /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	77.2 A
Start Amps	268 A
Unit Connection	5 pin 125 Amp

