

## 50 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	50 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	5 Pin 63A BS4343
Noise Levels	47 dBA @ 10 Metres
Dry Weight	620 Kg
Dimensions (WxLxH)	1,300 x 3,150 x 2,030 mm
Control	Automatic Programmer
Power Consumption	23.6 kW/h
Water Connections	2" Bauer Male & Female
Buffer Vessel	200 Litres
Water Pump	Lowara CA200/35/P

**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.

## 50 KW CHILLER

Performance Data	
Design Duty	55.8 Kw
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	16.5 kW
EER	3.2
Compressors	2
Compressor Type	Scroll
Capacity Steps	2
Refrigerant	
Type	R410a
No. of Circuits	1
Noise Level	
Sound Pressure	47 dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	1
Design Flow	8.7m <sup>3</sup> /h
Pressure Drop	33 kPa
Max System Pressure	110 kPa
Condenser	
Fan Quantity	2
Fan Type	Axial
Air Max Volume	7.1 m <sup>3</sup> /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	44.8 A
Start Amps	144 A
Unit Connection	5 pin 63 Amp

