

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

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 ³ /h
Pressure Drop	33 kPa
Max System Pressure	110 kPa
Condenser	
Fan Quantity	2
Fan Type	Axial
Air Max Volume	7.1 m ³ /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	44.8 A
Start Amps	144 A
Unit Connection	5 pin 63 Amp

