

30 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	30 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	5 Pin 32A BS4343
Noise Levels	48 dBA @ 10 Metres
Dry Weight	399 Kg
Dimensions (WxLxH)	900 x 2,250 x 1,650mm
Control	Automatic Programmer
Power Consumption	14.2 kW/h
Water Connections	2" Bauer Male & Female
Buffer Vessel	100 Litres
Water Pump	Lowara CA200-33/B

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Performance Data	
Design Duty	31.9 kW
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	10.4 kW
EER	2.9
Compressors	2
Compressor Type	Scroll
Capacity Steps	2
Refrigerant	
Type	R410a
No. of Circuits	1
Noise Level	
Sound Pressure	48dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	1
Design Flow	5.1m ³ /h
Pressure Drop	25 kPa
Max System Pressure	131 kPa
Condenser	
Fan Quantity	2
Fan Type	Axial
Air Max Volume	3 m ³ /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	28.1 A
Start Amps	92 A
Unit Connection	5 pin 32 Amp

