

## 20 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	20 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	5 Pin 32A BS4343
Noise Levels	47 dBA @ 10 Metres
Dry Weight	430 kg
Dimensions (WxLxH)	1052 x 2242 x 1650mm
Control	Automatic Programmer
Power Consumption	9 kW
Water Connections	1¼" Camlock
Buffer Vessel	110 Litres
Water Pump	Lowara CA70/34/D

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Performance Data	
Design Duty	19.7 kW
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+35°C
Compressor Power	6.4 kW
EER	3.1
Compressors	1
Compressor Type	Scroll
Capacity Steps	1
Refrigerant	
Type	R410a
No. of Circuits	1
Noise Level	
Sound Pressure	47dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	1
Design Flow	3.4 m <sup>3</sup> /h
Pressure Drop	54 kPa
Max System Pressure	4 bar
Condenser	
Fan Quantity	1
Fan Type	Axial
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	15.9 A
Start Amps	96 A
Unit Connection	5 Pin 32A

