

320 kW CHILLER

Features:

- Water Outlet Temperature Regulator
- Automatic Fan Circuit Breaker
- Fan Speed Regulator
- Low Noise Axial Fans
- Scroll Compressor w/ Sound-Proofing
- Microprocessor Control
- Steel Framed



Specification Overview	
Nominal Cooling Duty	320 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	Hard Wire
Noise Levels	65 dBA @ 10 Metres
Dry Weight	3,850 kg
Dimensions (WxLxH)	3,900 x 2,440 x 2,500 mm
Control	Automatic Programmer
Power Consumption	99.7 kW/h
Water Connections	4" Bauer Male & Female
Evaporator Capacity	106 Litres
Water Pump	External

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Performance Data	
Design Duty	314 kW
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	99.7 kW
EER	2.76
Compressors	2
Compressor Type	Helical Rotary
Capacity Steps	Stepless
Refrigerant	
Type	R134a
No. of Circuits	2
Noise Level	
Sound Pressure	65 dBA @ 10m
Evaporator	
Type	Shell & Tube
Number of Circuits	2
Design Flow	14 L/s
Max/Min Flow	4.1-17.3 L/s
Pressure Drop	35 kPa
Max System Pressure	4.5 Bar
Condenser	
Fan Quantity	6
Fan Type	Axial
Air Max Volume	18.1 m ³ /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	242
Start Amps	255 A
Unit Connection	Hardwired

