

500 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
w/Metalic Strainer
- Water Expansion Vessel
- 3 Bar Water Pump
- Buffer Tank
- Steel Framed



Specification Overview	
Nominal Cooling Duty	500 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	Hard Wire
Noise Levels	60 dBA @ 10 Metres
Dry Weight	3,500 Kg
Dimensions (WxLxH)	2,505 x 5,250 x 2,620 mm
Control	Automatic Programmer
Power Consumption	231 kW/h
Water Connections	4" Bauer Male & Female
Buffer Vessel	500 Litres
Water Pump	FHE60-160/110

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Performance Data	
Design Duty	508 kW
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	202.8 kW
EER	2.5
Compressors	6
Compressor Type	Scroll
Capacity Steps	6
Refrigerant	
Type	R410a
No. of Circuits	2
Noise Level	
Sound Pressure	60dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	2
Design Flow	82.7 m ³ /h
Pressure Drop	35 kPa
Max System Pressure	208 kPa
Condenser	
Fan Quantity	8
Fan Type	Axial
Air Max Volume	15.5 m ³ /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	394 Amps
Start Amps	648 A
Unit Connection	Hardwired

