

## 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

**Our extensive and modern range of hire equipment includes:**

Air Cooled Chillers from 5kW to 750kW. As Well as a Heat Pump Range from 10kW up to 200kW Single Units. Container, Trailer and Packaged Boilers with Integral Pumps and Heat Exchangers Ranging from 100kW to 1.2mW. Portable Air Conditioning Units. Including: Exhaust Tube Units, Split Type Air Conditioners and Evaporative Coolers. Electric, Gas and Diesel Powered Heaters. Including: Fan Heaters, Infrared, Indirect Fired and Direct Fired Units.

# 320 KW CHILLER

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	Hellical Rotary Screw
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 <sup>3</sup> /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	242
Start Amps	255 A
Unit Connection	Hardwired

