

150 kW HEAT PUMP CHILLER

Features:

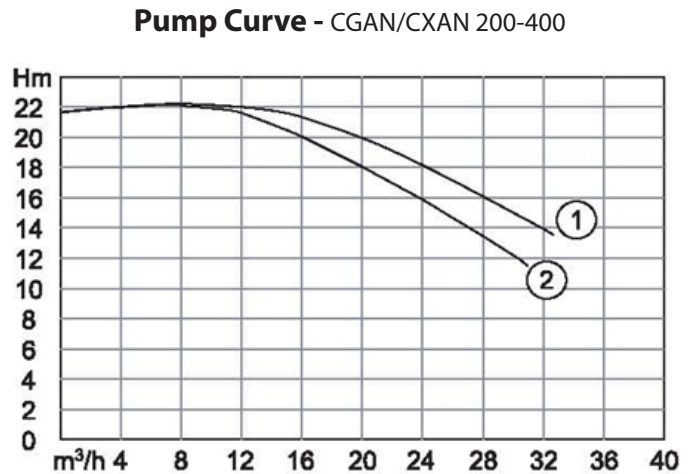
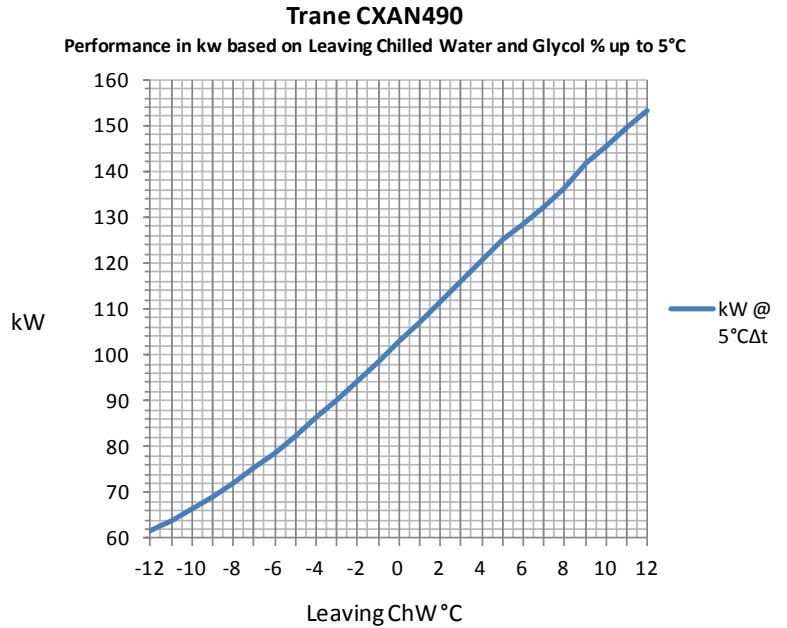
- Water Outlet Temperature Regulator
- Automatic Fan Circuit Breaker
- Fan Speed Regulator
- Low Noise Axial Fans
- Scroll Compressor w/ Sound-Proofing
- Microprocessor Control
- Steel Framed



Specification Overview	
Nominal Cooling Duty	150 kW
Nominal Heating Duty	120 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	5 Pin 125A BS4343
Noise Levels	55dBA @ 10 Metres
Dry Weight	1,331 Kg
Dimensions (WxLxH)	1,160 x 3,500 x 2,300 mm
Control	Automatic Programmer
Power Consumption	49.7 kW/h
Water Connections	2" Bauer Male & Female
Buffer Vessel	No
Water Pump	Yes

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Performance Data	
Design Duty	132 Kw
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	49.7 kW
EER	3.1
Compressors	2
Compressor Type	Scroll
Capacity Steps	3
Refrigerant	
Type	R407C
No. of Circuits	1
Noise Level	
Sound Pressure	55dBA @ 10m
Evaporator	
Type	Brazed Plate
Number of Circuits	1
Design Flow	6.33 L/s
Pressure Drop	39 kPa
Max System Pressure	190 kPa
Condenser	
Fan Quantity	3
Fan Type	Axial
Air Max Volume	10.3 m ³ /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	111 A
Start Amps	336 A
Unit Connection	5 pin 125 Amp
Heating Data	
Operating In/Out/Amb	40/45/7°C



1. Single pump
2. Dual pump