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300 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 Metalic
Strainer
Water Expansion Vessel
3 Bar Water Pump
Buffer Tank
Steel Framed



Specification Overview	
Nominal Cooling Duty	300 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	Hard Wire
Noise Levels	60 dBA @ 10 Metres
Dry Weight	2,100 Kg
Dimensions (WxLxH)	2,240 x 4,000 x 2,380 mm
Control	Automatic Programmer
Power Consumption	131.4 kW/h
Water Connections	4" Bauer Male & Female
Buffer Vessel	500 Litres
Water Pump	FHE40-200/55/P



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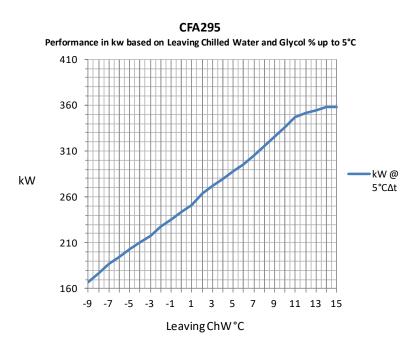


Our extensive and modern range of hire equipment includes:

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.

300 KW CHILLER

Performance Data	
Design Duty	305 kW
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	92.9 kW
EER	2.7
Compressors	4
Compressor Type	Scroll
Capacity Steps	4
Refrigerant	
Туре	R410a
No. of Circuits	2
Noise Level	
Sound Pressure	60dBA @ 10m
Evaporator	
Туре	Plate
Number of Circuits	2
Design Flow	49.6 m ³ /h
Pressure Drop	70 kPa
Pressure Drop Max System Pressure	70 kPa 380 kPa
Max System Pressure	
Max System Pressure Condenser	380 kPa
Max System Pressure Condenser Fan Quantity	380 kPa
Max System Pressure Condenser Fan Quantity Fan Type	380 kPa 6 Axial
Max System Pressure Condenser Fan Quantity Fan Type Air Max Volume	380 kPa 6 Axial
Max System Pressure Condenser Fan Quantity Fan Type Air Max Volume Electrical	380 kPa 6 Axial 31.6 m ³ /s
Max System Pressure Condenser Fan Quantity Fan Type Air Max Volume Electrical Power	380 kPa 6 Axial 31.6 m³/s 415vAC 3Ø, N + Eth



Pump Curve - Lowara FHE40-200

