

10 kW CHILLER

Features:

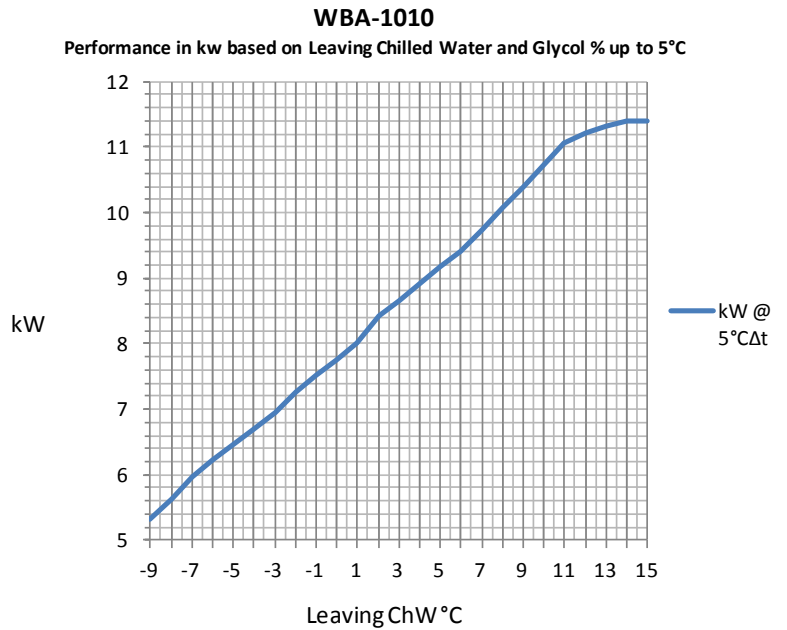
- Water Outlet Temperature Regulator
- Automatic Fan Circuit Breaker
- Fan Speed Regulator
- Internal Fan Protection Grid
- Electric Board Heater
- Water Strainer
- Electronic Expansion Valve
- Condensing Coil Grid with Metallic Strainer
- Water Expansion Vessel
- 3 Bar Water Pump
- Buffer Tank
- Steel Framed



Specification Overview	
Nominal Cooling Duty	10 kW
Power Supply	415vAC 3Ø + N
Electrical Connections	5 Pin 16A BS4343
Noise Levels	43 dBA @ 10 Metres
Dry Weight	300 kg
Dimensions (WxLxH)	745 x 1511 x 1400mm
Control	Automatic Programmer
Power Consumption	4.4 kW
Water Connections	1¼" Camlock
Buffer Vessel	60 Litres
Water Pump	Lowara 3HM06S07

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Performance Data	
Design Duty	9.2 kW
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+35°C
Compressor Power	3.2 kW
EER	2.9
Compressors	1
Compressor Type	Scroll
Capacity Steps	1
Refrigerant	
Type	R410a
No. of Circuits	1
Noise Level	
Sound Pressure	43 dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	1
Design Flow	1.6 m ³ /h
Pressure Drop	44 kPa
Max System Pressure	4 bar
Condenser	
Fan Quantity	2
Fan Type	Axial
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	8.6 A
Start Amps	49 A
Unit Connection	5 Pin 16A



Pump Curve - Lowara 3HM06S07

