

## 80 kW CHILLER

### Features:

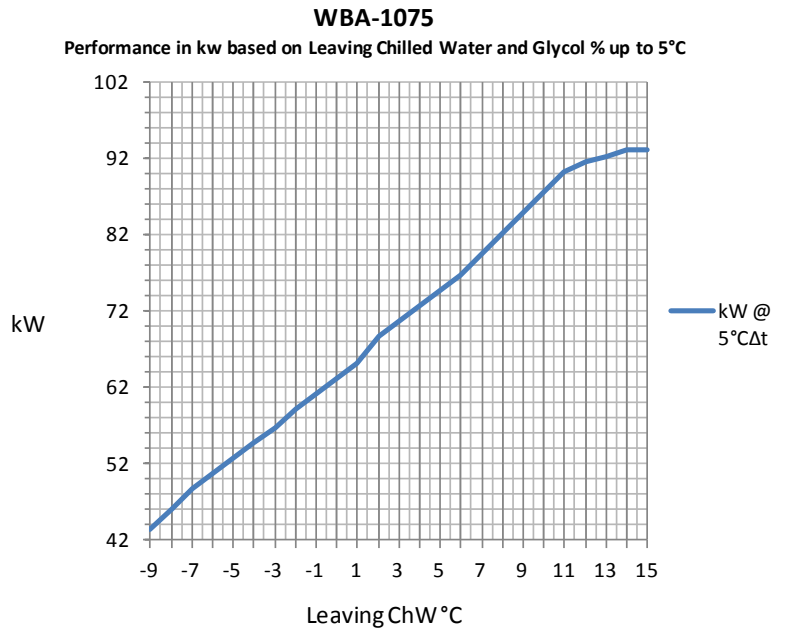
- Water Outlet Temperature Regulator
- Automatic Fan Circuit Breaker
- Fan Speed Regulator
- Internal Fan Protection Grid
- Electric Board Heater
- Water Strainer
- Electronic Expansion Valve
- Condensing Coil Grid with Metallic Strainer
- Water Expansion Vessel
- 3 Bar Water Pump
- Buffer Tank
- Steel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



Specification Overview	
Nominal Cooling Duty	80 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	5 Pin 125A BS4343
Noise Levels	49 dBA @ 10 Metres
Dry Weight	755 Kg
Dimensions (WxLxH)	1,300 x 3,150 x 2,030 mm
Control	Automatic Programmer
Power Consumption	34 kW/h
Water Connections	2" Bauer Male & Female
Buffer Vessel	200 Litres
Water Pump	Lowara 15HM03N30

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Performance Data	
Design Duty	75 Kw
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+35°C
Compressor Power	26.5 kW
EER	2.8
Compressors	2
Compressor Type	Scroll
Capacity Steps	2
Refrigerant	
Type	R410a
No. of Circuits	1
Noise Level	
Sound Pressure	49 dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	1
Design Flow	12.9m <sup>3</sup> /h
Pressure Drop	32 kPa
Max System Pressure	153 kPa
Condenser	
Fan Quantity	2
Fan Type	Axial
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	65 A
Start Amps	210 A
Unit Connection	5 pin 125 Amp



**Pump Curve - Lowara 15HM03N30**

