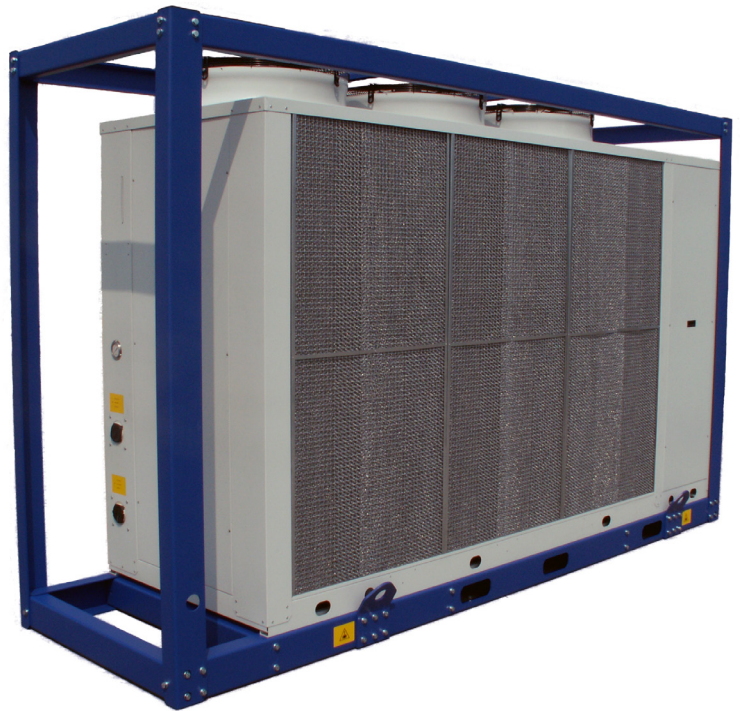


## 160 kW CHILLER

### 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	160 kW
Power Supply	415vAC 3Ø, N + Eth
Electrical Connections	5 Pin 125A BS4343
Noise Levels	57 dBA @ 10 Metres
Dry Weight	1280 Kg
Dimensions (WxLxH)	1,150 x 3,850 x 2,350 mm
Control	Automatic Programmer
Power Consumption	73.6 kWh
Water Connections	2" Bauer Male & Female
Buffer Vessel	500 Litre
Water Pump	Lowara FHE32-200/55P

## 160 kW CHILLER

Performance Data	
Design Duty	167.7 Kw
Inlet Temperature	+12°C
Outlet Temperature	+7°C
Ambient	+30°C
Compressor Power	54.5 kW
EER	2.9
Compressors	2
Compressor Type	Scroll
Capacity Steps	2
Refrigerant	
Type	R410a
No. of Circuits	1
Noise Level	
Sound Pressure	57 dBA @ 10m
Evaporator	
Type	Plate
Number of Circuits	1
Design Flow	27.1 m <sup>3</sup> /h
Pressure Drop	44 kPa
Max System Pressure	150 kPa
Condenser	
Fan Quantity	3
Fan Type	Axial
Air Max Volume	15.8 m <sup>3</sup> /s
Electrical	
Power	415vAC 3Ø, N + Eth
Full Load Amps	127.7 A
Start Amps	382 A
Unit Connection	5 pin 125 Amp

