

100kW of heating & cooling capacity, equipped with a variety of features designed for long term hires & reliable temperature control.

- Water outlet temperature regulator
- Fan speed regulator
- Electric board heater
- Automatic fan circuit breaker
- Internal fan protection grid
- Steel frame



Detail	100kW Heat Pump Chiller	
Performance Data	Chiller Model	
	Duty	103.2kW (cooling) 100kW (heating)
	Inlet Temperature	12°C
	Outlet Temperature	7°C
	Ambient	30°C
	Compressor Power	33.5kW
	EER	2.57
	Compressors	2
	Compressor Type	Scroll
	Capacity Steps	4
	Noise Level	54dB(A) @ 10 Metre
	Dry Weight	1510 kg
	Dimensions mm (WxLxH)	1290 x 3850 x 2350
	Control	Automatic Programmer
	Buffer Tank Capacity	300 litres
	Water Connection	2" Bauer Male & Female
	Water Pump	Lowara FHE32-200/55P
Maximum Flow Rate		
Refrigerant	Type	R410a
	No. Of Circuits	1
Evaporator	Type	Plate
	No Of Circuits	1
	Design Flow	36 m ³ /h
	Pressure Drop	56 kPa
Condensor	Max System Pressure	87 kPa
	Fan Quantity	3
	Fan Type	Axial
Electrical	Max Air Volume	10.8M3/S
	Power Supply	415vAC 3Ø, N + Eth
	Running amps	
	Power Consumption	44.9kWh
	Full Load Amps	85 Amps
	Start Amps	
	Total Current LPA	
Unit Connection	5 Pin 125A BS4343	