

100kW Chiller



Features of the 100kW Chiller include a water outlet temperature regulator, an automatic fan circuit breaker and a fan speed regulator, as well as internal fan protection grid and electric board heater. In addition, the 100kW Chiller comes with a water strainer; an electronic expansion valve; a condensing coil grid with metallic filter; a water expansion vessel; and a 3-bar water pump and buffer tank. The 100kW Chiller is suitable for a complete range of cooling applications – air conditioning, process cooling and even ice rink creation.



- 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

Detail	100kW Chiller	
Performance Data	Duty	100kW
	Inlet Temperature	12°C
	Outlet Temperature	7°C
	Ambient	30°C
	Compressor Power	33.5kW
	EER	2.9
	Compressors	2
	Compressor Type	Scroll
	Capacity Steps	2
	Noise Level	53dBA @ 10 metres
	Dry Weight	950kg
	Dimensions mm (WxLxH)	1150 x 3850 x 2350
	Control	Automatic Programme
	Buffer Tank Capacity	300 litres
	Water Connection	2" Bauer Male & Female
Water Pump	Yes - Lowara FHE32/200/55P	
Refrigerant	Type	R410a
	No. of Circuits	1
Evaporator	Type	Plate
	No. of Circuits	1
	Design Flow	16m ³ /hr
	Pressure Drop	32kPa
	Max System Pressure	87kPa
Condensor	Fan Quantity	3
	Fan Type	Axial
Electrical	Power Supply	415vAC 3Ø, N + Eth
	Running amps	
	Power Consumption	44.9kW/h
	Full Load Amps	77.2 amps
	Start Amps	268 amps
	Total Current LPA	
	Unit Connection	5 Pin 125A BS4343



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