

500kW Chiller



500kW Chiller suitable for a wide variety of larger applications, from process cooling to air conditioning for larger buildings, fit for emergency recovery or planned maintenance.

- Can be paired with air handling units to provide a complete air conditioning system for temporary events or semi permanent applications
- Steel framed for resilience & ease of delivery & installation
- Fully equipped 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, water outlet temperature regulator, automatic fan circuit breaker & a fan speed regulator, internal fan protection grid & electric board heater.



Detail	500kW Chiller	
Performance Data	Duty	500kW
	Inlet Temperature	12°C
	Outlet Temperature	7°C
	Ambient	30°C
	Compressor Power	202.8kW
	EER	2.5
	Compressors	6
	Compressor Type	Scroll
	Capacity Steps	6
	Noise Level	60dBA @ 10 metres
	Dry Weight	3500kg
	Dimensions mm (WxLxH)	2505 x 5250 x 2620
	Control	Automatic Programme
	Buffer Tank Capacity	500litres
	Water Connection	4" Bauer Male & Female
Water Pump	Yes - Lowara FHE60-160/110	
Refrigerant	Type	R410a
	No. of Circuits	2
Evaporator	Type	Plate
	No. of Circuits	2
	Design Flow	82.7m ³ /hr
	Pressure Drop	35kPa
	Max System Pressure	208kPa
Condensor	Fan Quantity	8
	Fan Type	Axial
Electrical	Power Supply	415vAC 3Ø, N + Eth
	Running amps	
	Power Consumption	231kW/h
	Full Load Amps	394 amps
	Start Amps	648 amps
	Total Current LPA	
	Unit Connection	Hard Wired



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