

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	202.8 kW
	EER	2.5
	Compressors	6
	Compressor Type	Scroll
	Capacity Steps	6
	Noise Level	60 dBA @ 10 Metres
	Dry Weight	3500 kg
	Dimensions mm (WxLxH)	2505 x 5250 x 2620
	Control	Automatic Programme
	Buffer Tank Capacity	500 litres
	Water Connection	4" Bauer Male & Female
	Water Pump	Yes - Lowara FHE60-160/110
	Refrigerant	Type
No. Of Circuits		2
Evaporator	Type	Plate
	No Of Circuits	2
	Design Flow	82.7m3/hour
	Pressure Drop	35 kPa
	Max System Pressure	208 kPa
Condensor	Fan Quantity	8
	Fan Type	Axial
Electrical	Power Supply	415vAC 3Ø, N + Eth
	Runing amps	
	Power Consumption	231 kW/h
	Full Load Amps	394 Amps
	Start Amps	648 Amps
	Total Current LPA	
Unit Connection	Hard Wired	