

TECHNICAL DATA SHEET



COOLING DUTY °C 15 Chilled water temperature ٠ Duty (27°C ambient) kW 5.8 . 10 to 27 °C Ambient temperature range for the standard design . °C 10 to 25 Chilled water temperature available in the standard design Note: water chilled below +5°C will require antifreeze added.

REFRIGERATION SYSTEM

Compressor	Туре		Hermetic
	Nominal power (each)	kW	1.5
	Full load current (each)	amps	13.5
	Refrigerant type		R407C
Condenser unit	Air cooled condenser	No. off	Two
	Material		Aluminium/copper
	Fan arrangement	No. off	Two
	air flow	m3/hr	2720
	motor power	kW	0.07
	Full load current	amps	1.6
- or	Water cooled condenser	Material	Stainless steel
	Water flow	litres/hour	560
	Pressure drop	bar	0.17
Evaporator		Material	Copper

Refrigeration controls: compressor over-temperature protection, refrigerant drier, expansion valve, high pressure switch.

WATER SYSTEM			
 Bulk holding tank 	Capacity	litres	50
	Material		GRP
	Water filling		Manual
 Water pump 	Туре		Horizontal multistage
	Material		Stainless steel
	Flow	m3/hr	1.85
	Pressure	bar	2.6
	Motor power	kW	0.65
	Full load current	amp	2.9
 Connections 	Warm water INLET	BSP female	3/4
	Chilled water OUTLET	BSP female	3/4
Pipework	Material		Copper/nylon/brass

ELECTRICAL SYSTEM

 Mains supply for the standard design 	Volt phase cycle	230/1/50
Control	Voltage	230
Total nominal power	kW	8.04
 Maximum starting load (per phase) 	amp	18.0
Safety fuse	amp	25
• Electrical controls: direct on line. Incorporates safety overload.	 Remote control via volt free signal 	Control signal
 Protection rating IP54 	 Stop/start pushbuttons 	 Unit On + Fault

Collective fault/remote signal

Control temperature parallel with ambient

Systems suitable for deionised water

Stainless steel evaporator coil

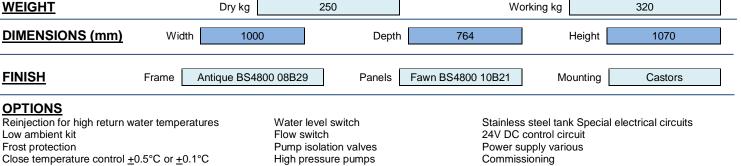
@ 1m free field

NOISE LEVEL

- Indicator lights
- Power connection

- Plug/socket to BS4343
 Multipin plug/socket
- dB'A'
 54

 Working kg
 320



Autofill by solenoid valve

Twin inlets/outlets

Insulation