



## TECHNICAL SPECIFICATION FOR: 250KW DRY AIR COOLER

### OVERVIEW

- ✔ Quick release water and power connections for quick installation.
- ✔ Capacity control with temperature controller.
- ✔ EC fans included.



### DESCRIPTION

Celsius Hire's 250KW DRY AIR COOLER is designed with the hire industry in mind. It comes complete within a protection frame, and is supplied with quick release mechanical connections and a 3-phase commando plug mounted to the unit.

The unit is supplied with a temperature controller, which regulates the fan speed based on delivery set point, for maximum efficiency.

Dry Air Coolers can be applied in multiple ways, from condenser water cooling to heat loading testing large installed boilers.

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**PERFORMANCE DATA AT DESIGN CONDITIONS**

DESIGN CONDITIONS	°C	35°C Supply / 40°C Return / 25°C Ambient
COOLING CAPACITY	KW	250
DESIGN FLUID FLOW	L/S	12

**OPERATING LIMITS**

MIN/MAX FLUID LEAVING TEMPERATURE	°C	+10 / +70
WATER VOLUME	L	80
MAX WORKING PRESSURE	Bar	10

**ELECTRICAL DATA**

ELECTRICAL SUPPLY VOLTAGE	V	410
SUPPLY		3Ph & E, No Neutral
POWER CONNECTIONS	Inside Panel	16A 3Ph 5pin commando plug
FULL LOAD RUNNING CURRENT (MAX)	A	6
MAX POWER ABSORBED	KW	6

**PHYSICAL DATA**

LENGTH	mm	3375
WIDTH	mm	1702
HEIGHT	mm	2750
WEIGHT (DRY)	KG	1500
WEIGHT (WET)	KG	1700
FLUID COUPLING SIZE	mm	100
SOUND PRESSURE	dB(A) at 10 metres	60.7

**AIR FLOW DATA**

NUMBER OF FANS	Total	2
FAN TYPE		EC
FANS AIRFLOW	m3/hr	64,000



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