

Transtherm Cooling Industries Limited Air Blast Cooler



Stock No	CF662
Manufacturer	Transtherm Cooling Industries Limited
Model	D10-8FOOW
Year of Manufacture	07/2023
Serial	C-57472B
Condition	From a working environment, Excellent Condition, Current Model
Ave. cooling capacity	45kW (TBC)
Ave. Water Flow Rate	3.99L/Sec
Other Info	Test Pressure 24 Bar: Coil Volume 31Ltrs
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	1175 x 1700 x 900mm

Description

The Transtherm Air Blast Cooler system uses a dry air cooler. This product is designed to dissipate heat from a cooling circuit.

Free Cooling Systems

Designed to improve the efficiency of energy hungry chilled water systems, free coolers automatically dissipate the system heat when ambient air temperatures are low enough. Operating through the majority of autumn, winter and spring,

they allow the chiller to switch off for up to 90% of the year. These systems arrive fully packaged, complete with integral controls, 3 way valve, actuator and bypass pipework; which means they can be easily installed on existing systems.

One of the greatest advantages of free cooler units results from utilising lower power consuming coolers during lower ambient conditions, as listed below:

- Lower plant running costs
- Lower carbon footprint of facility
- Large savings ascertained over time
- R.O.I. often within 6~9 months (when NEW - faster for used machinery)
- Prolonged Chiller lifetime from reduction in use with possible positive effects on servicing

Features

- Energy efficient fan.
- Pump max. flow rate of 240L/Min.
- Robust galvanized framework.

Technical Specification

- Cooling medium - Water
- Glycol anti freeze - 0%
- Average Cooling medium flow rate - 3.99 l/s
- Max. operating ambient temperature 40°C
- Min. operating ambient temperature -20°C
- Max. fluid temperature 100°C
- Min fluid temperature -11°C
- Outlet air temperature - 14°C
- Max. operating pressure 10 Bar.
- Internal coil volume 31 Litres.
- 50mm inlet / outlet internal diameter pipework.

Energy Efficient

The current range of Cool Energy equipment offers market leading efficiencies by utilising the most efficient AC and EC fans accompanied by a range of heat exchanger tube geometry and fin options.

Complete Reliability

Whilst some suppliers focus solely on capital cost (often with the aim of only satisfying the requirements of a rather short 1 year warranty term), Transtherm Cooling have an inherent belief that equipment should be designed to last long after the market leading 3 year warranty term, giving their customers the best possible return on investment.

Fully Supported by OEMs

The Marketplace for Surface Technology.
New and Used Process Equipment & Machinery.
Machine Datasheet



[Transtherm Cooling](#) has offered advice and spares for their air blast cooler.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.