

## Thermal 270 KAV2 - L Dry Air Blast Coolers

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Stock No	<a href="#">BKM1500</a>
Model	270 KAV2 - L
Ave. cooling capacity	270 kW
Location	Stuttgart, Germany

### Description

Thermal 270 KAV2 - L Dry Air Blast Coolers

The Thermal air blast coolers have been developed and built to give extremely reliable and robust performance and are designed for fast-track installation.

Air blast coolers offers an advanced level of energy saving and the highest efficiency ratings available. air blast coolers can be installed alongside an existing cooling system to provide a low cost, environmentally friendly method of free cooling.



The units provide corrosion-free process fluid, operate at low costs, with no evaporation loss. The units have an anti-freeze facility for external units, as well as no water treatment costs and no chemical dosing resulting in low maintenance costs.

Air Blast Process Coolers - Re-circulating coolant passes through air blown heat exchange radiators where process heat is transferred to ambient.

Air Blast Radiator (Dry air cooler) - Hot water from the equipment to be cooled is pumped through a matrix of extended surface area tubes to maximise efficiency. Cool ambient air is induced (or forced) across the cooling matrix of the air blast radiator and is exhausted without any contact between the air and the water. Cooled uncontaminated water is then returned to the equipment to be cooled.

Self contained dry coolers are non-refrigerated cooling systems. They are an alternative to recirculating chillers for applications where precise temperature control and cooling below ambient temperature are not required. Typically, coolant will be delivered back to the process at approximately 10°C below ambient, however, this is variable dependant on process load and external conditions.

#### **Specifications**

- Internal volume 136.3 dm<sup>3</sup>
- 4 x 1.1kW 800 mm fans
- Attached thermostat temperature controls

**NOTE Units priced individually**

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