



**4D COILS LIMITED**  
Heat Transfer Specialists

# DRY COOLERS

**COMMERCIAL UNITS • INDUSTRIAL UNITS • V-SHAPE UNITS • OIL COOLERS**

A wide range of commercial and industrial dry coolers suitable for all types of industrial cooling applications



**Certification**



**Selection Software**

*Unit selections made quick & easy with our dedicated selection software*

## Maximum Flexibility & Quality

- Modular design allows us to match all cooling requirements
- Installation flexibility; Horizontal or Vertical positioning
- Horizontal type coolers are also available as blow-through units
- Additional options include inverter & EC fan control panels
- Local fan isolators & common terminal box
- Motor Options include AC (ErP ready), EC High Efficiency, ATEX
- Two speed fans for noise sensitive applications



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# TECHNICAL INFORMATION



## Features & benefits

- Excellent £/kW ratio
- EC fan control available on all models
- Software allows selections using fluids including water, ethylene & propylene glycol at different % concentrations
- Choice of 4, 6, 8 and 12 pole motors
- Installation flexibility, with horizontal or vertical positioning & connection handings due to standard double outlet header tube

## Technical Characteristics

Unit Range	Fan Diameters
Commercial	450 / 500 / 630 mm
Industrial	800 / 910 mm
V-Shape	800 / 910 mm
Oil Coolers	<i>Tailored solutions for each application</i>

## Materials & Surface Treatments

Lightweight construction, painted aluminium with RAL 9010 colour as standard or stainless steel on request.

Copper, aluminium, pre-painted aluminium, AlMg and stainless steel in various combinations.

Surface treatments include;

- Epoxy coating
- Electro tinned
- Blygold treatment
- Heresite treatment
- Electro-fin® E-coat treatment

## Heat Exchanger Coils

The heat exchanger coil offers geometries suitable for all applications and temperatures, with a 1/2" and 5/8" tube. Fin spacing ranges from 1.6mm upto 6mm with a choice of either corrugated or high efficiency fins.

## Options & Accessories

- ATEX fan motors
- Special fan motors to suit other voltages
- Individual Isolator switches
- Phase cutting regulators / inverters
- Control panels with motor protection
- Stainless steel casing

