



4d Air Products Limited

Unit 10 Easter Park

Baker Road

Nelson Park West

Cramlington

Northumberland

NE23 1WQ

Tel: 01670 739964

Fax: 01670 739964

Mob: 07813 352 622

Email: info@4dair.co.uk

Website: www.4dair.co.uk



**Specialists in Coil Design,
Supply and Replacement**

**Products
and
Services**

THE COMPANY:

4d Air Products Limited are the UK Sales Agent for Dbm Coils S.p.a. As experts in Thermal Transfer Technology, 4d Air Products Limited supplies coils to the Air Handling, Refrigeration, Process, Power Generation, Marine and Offshore Industries.

Offering a full design and supply service, 4d Air Products Limited is the first stop for all of our customers. Whether it is replacement coils or full design and manufacture of bespoke heat exchangers, 4d Air Products Limited offers quality, reliability and design expertise when it matters.

Dbm Coils S.p.a. is the largest privately owned coil manufacturer in Europe. The factories take up a total surface of 70,000m².

The main factory is located in Varallo Pombia, in the North West of Italy, close to Milan and Malpensa Airport. Our other plant, Geo.Coil is situated in Artegna, in the North East of Italy, close to the borders with Austria and Slovenia. The company employs over 140 people.



Dbm Coils S.p.a.

PRODUCTS AND SERVICES

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HEATING & COOLING COILS

As the UK Sales Agent for Dbm Coils S.p.a, 4d Air Products Limited specialises in the supply of bespoke one off coils as well as large batches of stock coils for OEM customers.

Product Range: 3/8" dia, 1/2" dia, 5/8" dia tube coils

- Heating coils
- Cooling coils
- Condensing coils
- Evaporating coils
- Steam Coils

Materials Available:

TUBE MATERIALS:

- Copper
- Electro-finned Copper
- Cupronickel
- Stainless Steel 304
- Stainless Steel 316
- Titanium
- Carbon Steel

FIN MATERIALS:

Aluminium
Alpr (Coated Aluminium)
Copper
Electro-finned Copper
AlMg

REPLACEMENT COILS

Our Coil Replacement Service Includes:

- On-site inspection
- Replacement coil design and manufacture
- Supply and deliver the replacement coil to site
- Removal and disposal of redundant coil
- Install coil and all associated pipework
- Method Statement and Risk Assessment supplied for all work



Leaking Dry Cooler Coil



Replacement Coil in Production

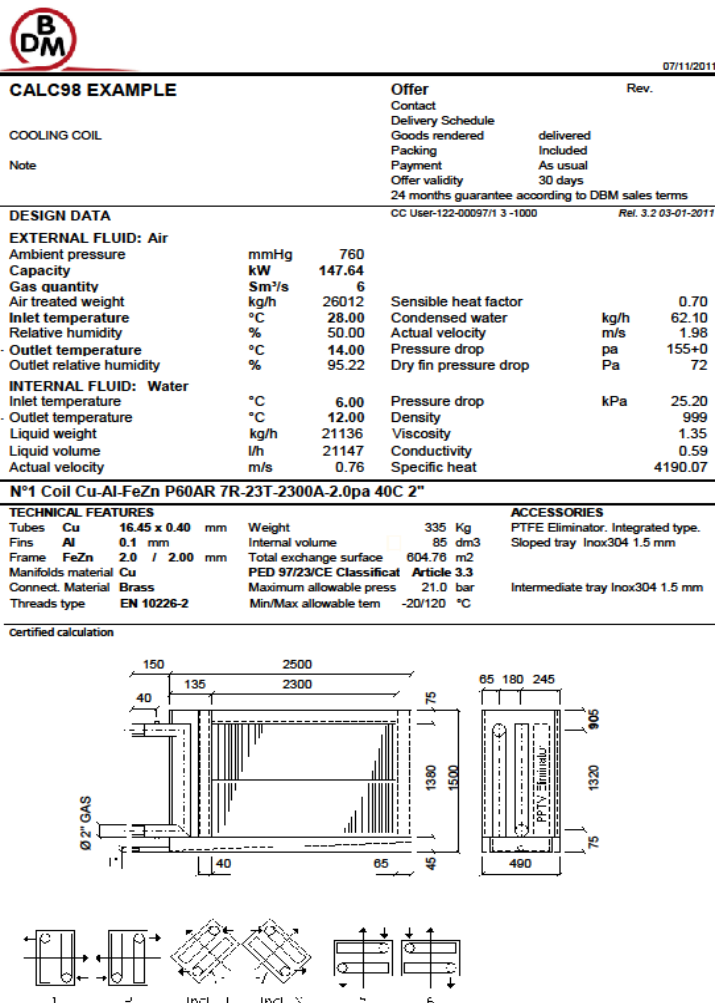
COIL DESIGN:

Available to all of our customers is the Calc98 coil design software. This fully certified software calculates and designs the coil to fulfil the required performance at the design air / fluid conditions and limitations.

As well as duty requirements, the software produces a drawing for approval and also issues a delivered price to the customer.

The software can be downloaded from the internet once a password has been issued.

Below is an example of a typical cooling coil selection showing optional extras available, eliminator, drain tray and intermediate drain try.

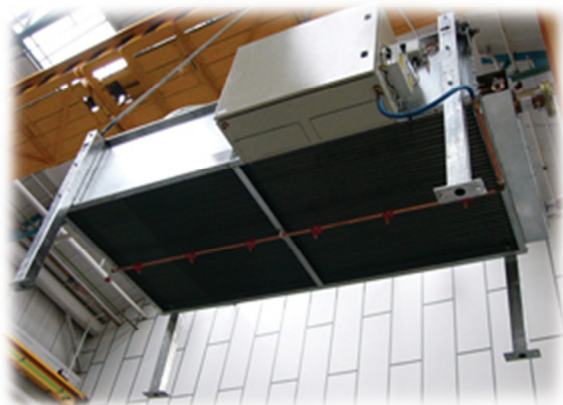


DRY AIR LIQUID COOLERS

4d Air Products Limited specialises in the design, supply and installation of air blast water cooler.

We supply a flexible range of fans and cooler unit so that installations with environmental, noise and / or space restrictions are easily catered for.

A choice of control options is available including fully fitted and pre-wired panels with stage control or an energy saving inverter drive. Controls such as pumps & heaters can be incorporated into our panels. Adiabatic coolers can be utilised where higher ambient temperatures are present or lower water temperatures are required.



AIR COOLED CONDENSERS

Our range of air cooled, refrigerant condensers has been developed and built to give extremely reliable and robust performance across all models. These units are available for use with R410a, R407c, R134a, R404a and R507a refrigerants.

Each model is designed for fast-track installation. Every unit is shipped in a fully operational form ensuring that no special lifting or assembly procedures are necessary, vastly reducing on-site time, cost and expertise.

A choice of control options is available including fully fitted and pre-wired panels with stage control or an energy saving inverter drive. Single or multiple pressure transducer controls are available for head pressure control on single or split circuit condensers. All controls are pre-commissioned at our UK manufacturing facility offering a 'plug and play' solution therefore providing installers valuable reduced setup times.

A flexible range of fans and cooler unit configurations ensure that projects with environmental, noise and/or space restrictions are catered for.

Adiabatic condensers are available on the air cooled condenser range, providing lower condensing temperatures and offering improved system efficiencies with lower running costs.

Our range of services:

- Site Survey
- Air Cooled Condenser Design
- Installation
- Commissioning



CONTACT DETAILS

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E-mail: info@4dair.co.uk
Website: www.4dair.co.uk

4d Air Products Limited - registered limited company - 6509255

VAT REGISTRATION NUMBER: 986 0059 94

FIND US

