

Dehumidification

Munters Ltd

Munters is the world leader in desiccant dehumidification, represented in over 60 countries with R & D, engineering and manufacturing.

Applications

Our dehumidification systems are energy efficient and environmentally friendly. They create dry air which can be used in a variety of applications including:

Leisure - Swimming Pools, Ice Rinks & Sports Halls

Condensation is a major consideration in this industry and by controlling the relative humidity this can be eliminated. The system controls both the dewpoint temperature of the building and the air temperature. This ensures comfortable conditions for both the participants and the spectators. The fabric of the building is thus protected from the formation of condensation, resulting in reduced energy savings and maintenance costs.

Utilities - Power Stations & Water Treatment Works

Condensation and corrosion have a lasting detrimental effect on the plant and the fabric of the building irrespective of the ambient temperature. The main affected areas are the turbines, electrical components, pump rooms, filtration rooms - basically, anywhere where condensation can form. Installing a Munters desiccant dehumidification system will protect the fabric of the building resulting in lower service, maintenance and operating costs, preventing electrical breakdowns and mould formation as well as providing a longer plant life.

Desiccant Cooling - A Complete Air-Conditioning System

Desicool™ is CFC free and uses no compressors or condensers. Typically there is a 70% reduction in installed electric power and the system has 90% heat recovery efficiency. It has the capability to cool ambient air at a temperature of 30°C down to 15°C. For the process to function correctly during the summer months, additional heat is needed. The more heat added, the cooler it gets. This means that good use can be made of waste or excess heat.

Manufacturing - In the Chemical, Food & Pharmaceutical Industries

Munters have a wealth of experience in a whole range of manufacturing industries. By using desiccant dehumidification to control the relative humidity you can ensure perfect conditions every time whether it be in the production of hygroscopic products, pneumatic conveying, packaging, freezing and R & D to name but a few.

Other Services

Munters offer a range of additional services including a bespoke design service, site surveys, performance monitoring, energy surveys, conversions and after sales care.

Design Service & Site Surveys

As part of our commitment to the customer we will undertake a site survey as part of the initial discussions to ensure that the best possible system is designed providing the customer with the optimal solution for their specific needs. Our engineers and project managers will see the project through from start to finish – and even beyond.

Performance Monitoring & Energy Surveys

We have a team of trained engineers who can undertake performance monitoring on all of our units and systems, checking the unit's performance against the original design specification. Using Munters' performance software, instant readings enable quick and accurate system diagnostics. When visiting a site that uses alternative methods of controlling conditions we can undertake an energy survey to provide a comparison of the existing system versus a Munters desiccant dehumidification system.

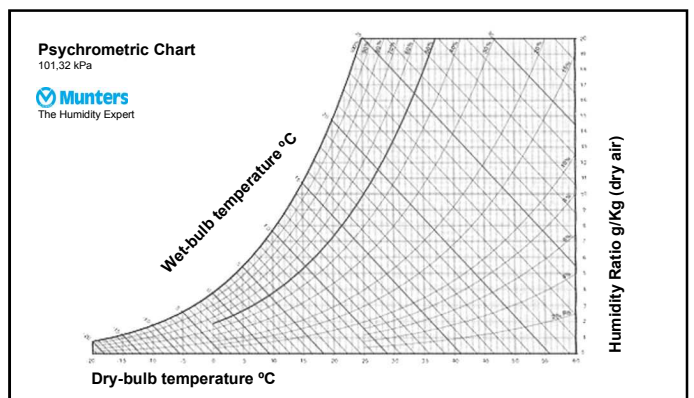
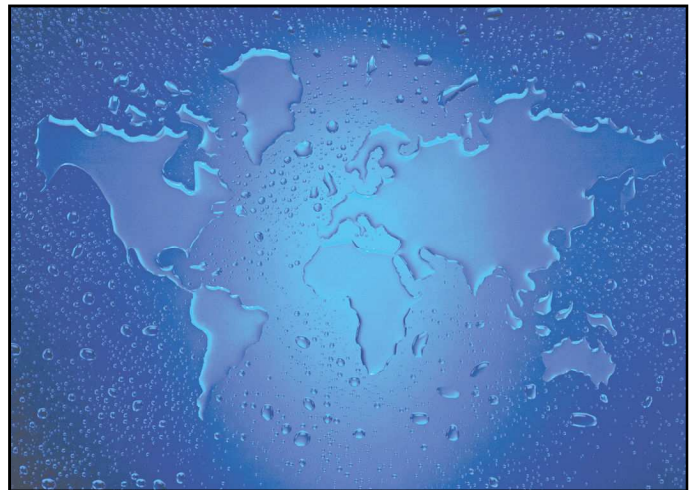
Power Conversions

Power source conversions are easily supplied on some of our larger systems. All our service engineers are CORGI registered to undertake gas installation, servicing and commissioning – this can result in up to 60% saving on fuel bills.

After Sales Care

We offer a variety of after sales services including a commissioning service, extended warranties, tailored contracts, return repair service and dehumidifier upgrades.

For more information on any of our services please call us on 08708 505 202 or email us at dryair@munters.co.uk



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 **Munters**
The Humidity Expert