

Dehumidifier Hire

SOLVE TEMPORARY HUMIDITY PROBLEMS WITH RENTAL DEHUMIDIFICATION.

Whether the application is a temporary project, a humidity issue caused by seasonal variations or simply wanting to test the dehumidification technology before investing, Dehumidifier hire is ultimately a risk free option!

SOME APPLICATIONS RENTAL DEHUMIDIFIERS ARE USED



Sandblasting

Condensation on freshly sandblasted or painted surfaces can be a serious problem - particularly if unfavorable weather is about. If condensation forms on critical areas in the midst of these operations, they usually have to be re-blasted and re-coated. The moisture damage may be minimized by careful scheduling of the final "dust-down" & painting to coincide with acceptable weather, but this is not always practical.

With dehumidification we physically remove the moisture from the air, meaning that corrosion and condensation are unable to occur. It reduces the problems and costs resulting from quick oxidation on blasted steel and condensation on freshly blasted or coated surfaces. It also allows for scheduling independent of weather conditions; and decreases drying time.

Cold Storage

The build up of fog and wet floors in a cold room of a large meat processing plant caused visibility and safety issues. Forklifts often skidded in water puddles and cardboard packaging became soggy at the edges.

A desiccant dehumidification system provides a source of cool, dry air and allows the cold room to operate under positive air pressure, reducing humidity and preventing the moisture from entering the space.



CAPACITIES RANGE FROM 180m³/hr to 10,000m³/hr OR LARGER

Transformer Repair

Our client was needed to carry out maintenance on specialised transformers. To complete this work a temperature specific, very low humidity environment was required to maintain the integrity of the transformers. The transformer also had to be disconnected and stripped. This exposes electrical connections and parts. If moisture was to form on any of these parts, the transformer will not function correctly once reassembled and reconnected to electricity.

Dehumidifiers control relative humidity (RH) levels and can be set to remain at the ideal temperature and humidity - which in this case was 5% RH and 27° C.

Using a combination of pre-cooled air and desiccant dehumidifiers we achieve low RH. Desiccant dehumidifiers have a large, honey comb like surface area which absorbs moisture from the air, lowering the absolute humidity level of the air pumped into the transformer maintenance area.

These units have a robust construction, easy and simple maintenance, with a very long operating life.



Ice Cream Manufacturer

One of Australia's largest soft serve ice cream producers deep cleans their factory equipment after each product run. This process requires equipment to be dismantled, cleaned and thoroughly dried before they can reassemble the machinery. The process takes three days.

A desiccant dehumidifier removes moisture from the air and reduces drying time from a three day process, to one. Significantly reducing production downtime and operating costs.



Powdered Compounds

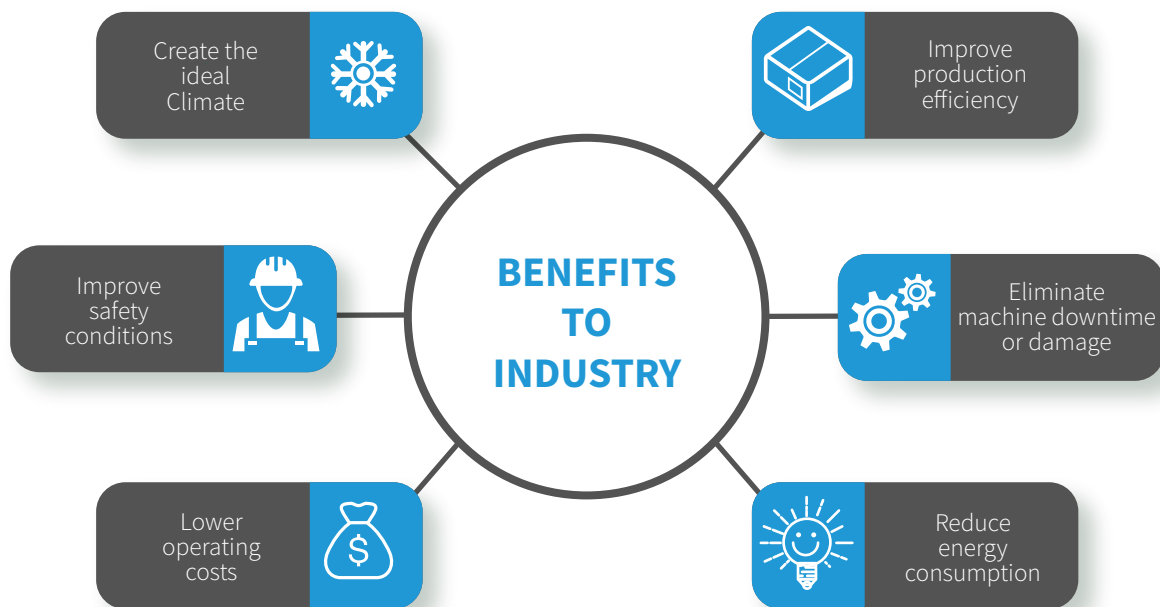
A manufacturer of powdered products had issues with powder caking and solidifying on their factory floors during the more humid months. This caused safety issues for employees when walking and also excess cleaning time and cost to clean.

Dehumidifiers substantially reduce humidity which allows hygroscopic compounds to remain as powder. The dry air is in direct contact with the product during the process so it is no longer affected by the weather - meaning no more clumping



BENEFITS OF RENTING FROM HUMISCOPE:

- Large range of industrial and commercial dehumidifiers for rent throughout Australia
- The opportunity to try dehumidification technology before investing
- High quality desiccant dehumidification equipment correctly maintained and serviced
- We provide continued support and maintain professional relationships.



HUMISCOPE
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Experience
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