

OVERVIEW

For any cold storage facility, the ability to reduce downtime due to maintenance of safety issues is a key consideration when it comes to profitability.

From the never-ending job of keeping floors dry to shutting down the plant to defrost freezer coils; these tasks can have a significant impact on your company's ability to meet its financial objectives.

To reduce such concerns, therefore, it is vital you control the moisture in your cold storage spaces.

SOLUTION

At Cross Hire, our team can provide a temporary dehumidification solution for refrigeration or cold storage facilities that struggle to control moisture; both from a practical and a safety point of view.

Our team offers high quality, short-term solutions during times of the year when the moisture load is at its highest. Our dehumidification systems will remove frost build-up, condensation and more.

APPLICATION

Our unbeatable expertise allows us to supply you with a tailor-made solution that has the ability to deal with the most difficult moisture issues at your cold storage facility with the minimum of hassle.

Our desiccant dehumidifiers use state-of-the art technology to make sure that shut downs are a thing of the past; that optimal storage conditions are achieved – even in the harshest of climates.

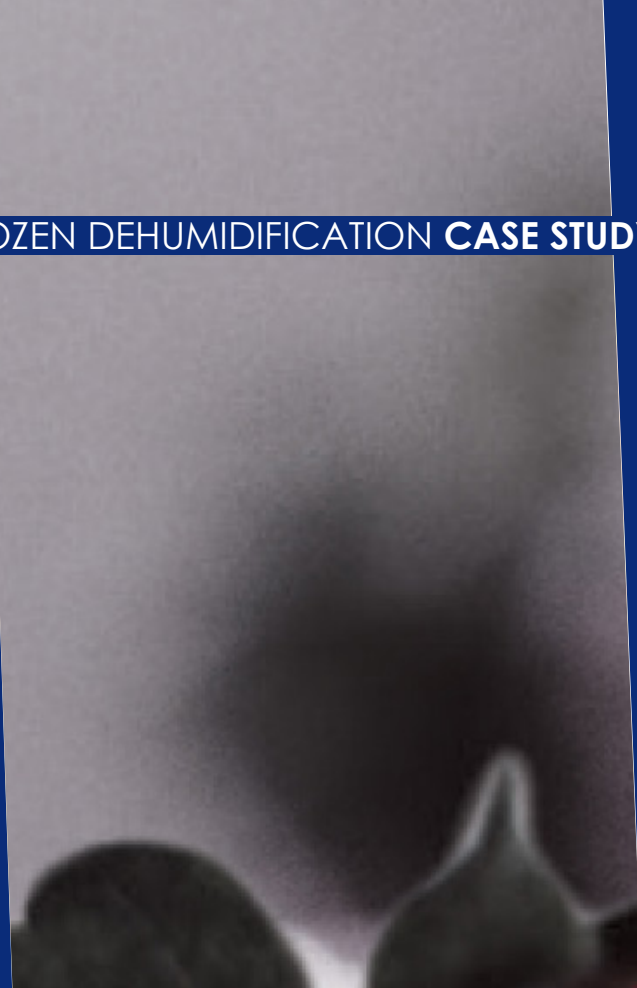
Not only that but, our short-term drying solutions also help to reduce maintenance issues such as: iced refrigeration coils; wet floors; mould growth and dripping ceilings from condensation.

And a core benefit of renting equipment instead of buying? Zero capital investment is required!

REQUIREMENTS

For us to tailor equipment to your specific needs, we will require the following information:

- Size of the room
- Make-up of current air handling systems
- Moisture load from product
- Temperature requirements
- Make-up of the room material
- Infiltration rate



Condensation



Ice/Frost Build-Up



Mould Growth

FROZEN DEHUMIDIFICATION CASE STUDY



Before



After



Before



After

PROCEDURE

After we compile and analyse the information you provide, we choose and engineer equipment and applications that best meet your requirements, the specifications and to avoid any contamination.

Our technicians service and check the equipment, ducting and ancillary items before delivery to site. It's vital to sanitise the dehumidifier and to provide new ducting to eliminate the risk of contamination.

Equipment is put in a designated area; close to a power supply and set up to ensure safe operation.

Our state-of-the-art dehumidification systems deep dry ambient air inside the facility, which means you can be sure that your moisture sensitive products will be processed in the best possible environment.

Our turnkey solution combines first-class equipment with 24/7 service for maximum client satisfaction.

RESULTS

Our solutions remove condensation, frost and ice in freezers and cold stores, as well as on walls and floors. From this, you get better visibility, increased work safety and faster freezing environments.

You'll notice a dramatic reduction in defrosts and the elimination of slippery conditions in a loading dock, while guaranteeing product quality thanks to a reduction in ice on the products themselves.

Energy efficiency is also improved in the freezing rooms, reducing the resources needed to defrost by half. The results really do speak for themselves!

Our dry air system is a user-friendly, precise way to achieve and control your humidity conditions:

- **Significant energy cost savings, thanks to state-of-the-art, eco-friendly technology**
- **Controlled humidity, providing enhanced production capacity/hygiene conditions**
- **Increased product quality and shelf life**
- **Reduced need for an air lock**
- **Fewer mechanical failures; a reduction in maintenance and service charges**
- **Improved ergonomics**

Chillers • Boilers • Air Handlers • Air Conditioning • Heating
Dehumidifiers • Specialist Drying Solutions
Fuel Management • Marquee Cooling / Heating

One Call, One Email – One Perfect Solution:
www.crosshire.ie • 1890 247 266 • info@crosshire.ie