



Remote diagnosis and process optimization boosts frozen food business

Confremar, Spain



Confremar Group has 40 years of experience in manufacturing, distributing and marketing frozen food products. The modern processing plant in Madrid, Spain, consists of 74,000 m³ of cold space divided in 22 cold rooms. Munters Connected Climate® helps Confremar to keep humidity under control in the cold stores and limits condensation and mold in what must be a strictly controlled environment.

With Munters Connected Climate®, the dehumidifiers can be controlled from anywhere in the world and the condition of the cold stores can be monitored in real time. This ensures that Confremar can provide the right climate for its goods at all times.

Partnering up

Munters has extensive experience of dehumidification in cold stores. Introducing dry air to the loading docks of a cold room or a freezer will prevent moist air from entering the room and will reduce the ice build-up. This reduces the amount of maintenance the customer has to spend in the cold areas removing ice from chillers, and ultimately results in a safer and more efficient working environment.

Case study

Confremar distribution center avoids downtime through effective cold store dehumidification

Advantages:

- Real time control of the climate
- Trend logged data for analysis and optimization
- Faster response service with sms/email Alarms



Munters Connected Climate®.

Raising the alarm

The facility management noticed alarms going off on one of the dehumidifiers, and the business endured several stops due to overheating in the unit. These problems were intermittent and it was very hard to determine what could be causing them.

Munters investigated the potential problems, and offered Confremar the opportunity to be a part of the Munters Connected Climate® roll-out. The idea of having a remote tool and a direct contact to Munters Service was very appealing to the customer and in-line with the ambition to have peace of mind for operations and facility management.

Solving the puzzle remotely

With the Munters Connected Climate® gateway installed in the unit and the online tool ready to use, the data from the dehumidifier was analyzed from Munters' Headquarters in Sweden. The root cause of the intermittent overheating problems was apparent in the curves visualizing the latest weeks of operation.

Engineers in Sweden were able to give instructions to the local Munters Service technician in Madrid, and make him aware of the most likely cause of the problem. The problem was the aspiration of the dehumidifier, and it was very simple to rectify once the problem was known. The technician arrived at the site well prepared for the task which saved the customer a lot of time, and no on-site troubleshooting was necessary. Once the inlet passage to the dehumidifier was cleared, the unit worked as expected, and has done so ever since.



Prepared for the future

Munters Connected Climate® is, according to the customer, a perfect example of how technology can contribute to a smoother, more efficient operation. In the long-term, data from dehumidifiers around the world will be a part of the collective application expertise of Munters and this will assure optimal performance of dehumidification units. A perfect service for the perfect climate.

Would you like to find out if Munters has a solution for your company too? If so, please visit our website, www.munters.com/food

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