

Wohlins Cold Storage facility

REFERENCE CASE COLD STORAGE

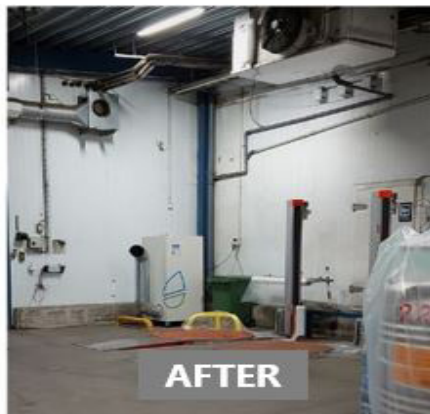
BACKGROUND

When unloading and loading trucks into and out of cold storage buildings, a common challenge is that warm humid air penetrates into the loading hall. It is very difficult to design an airtight docking between the trucks and the doors opening into the unloading hall. As a consequence, condensation will form on cold surfaces in the loading hall, with the risk of ice formation. This entails a risk both for accidents but also for damage to packaging and other equipment.

WHAT PROBLEMS DID AIRWATERGREENS DEHUMIDIFIER SOLVE?

Wohlins Fryshus Logistik AB, which offers energy- and environmentally smart solutions for warehousing, logistics and transport of frozen food, has chosen to handle the challenge related to humidity with the help of two REXs. A REX at each end of the loading hall. The dry air flow is directed somewhat up from ground level.

To manage the risk of condensation on cold surfaces, the dehumidifiers are set to a really low level of relative humidity below 40%.



QUICK FACTS

Produkt: 2 pcs REX

Years of installation: January 2021

Reason: Lower the moisture level to avoid condensation and the risk of icing

HAVE YOU TESTED OTHER SIMILAR PRODUCTS / SOLUTIONS?

Previously, no dehumidifier was used. The cooling units functioned as a kind of dehumidifier, but it was not enough.

BENEFITS OF USING AWG'S PRODUCTS VS DO NOTHING?

Experience showed that we needed to use a dehumidifier. Using the cooling units was not enough and also caused unnecessary wear on the cooling units. After a period of testing to verify the benefits, we decided to invest in Airwatergreen's technology. That the dehumidifier is equally efficient down to minus degrees is a big advantage. The fact that it was possible to install the machines in a good way and that the energy consumption is low made the decision easy. In addition, we have them connected for remote access and control, which also helps us keep track of the climate in the hall from our office.

"WE AT WOHLINS ARE ALWAYS LOOKING FOR ENERGY AND ENVIRONMENTALLY SMART SOLUTIONS TO BE ABLE TO GIVE OUR CUSTOMERS THE BEST SOLUTION!"

Tomas Wohlin who is CEO and Property Managers at Wohlins