

## INSTALLATION IN COLD STORAGE OF 10,000 M2

### Reference Case Logistics and Storage

#### BAKGROUND

In many cold storage facilities, there are challenges with moisture condensing on cold surfaces. This is a workplace challenge as it can lead to slip accidents and other incidents. Additionally, it can result in damage to packaging and unnecessary ice formation on the cooling units. Cooling dry air is easier, and regular defrosting is an unnecessary energy burden.

Moisture typically enters through gaps in doors, even if they are professionally installed, and is most significant during the summer months.

These challenges can be managed with the help of Airwatergreen's dehumidifiers. The dehumidifiers have exceptionally low power consumption, are easy to install, and have high capacity even at the low temperatures maintained in cold storage!

The simplicity of installation allows for testing and evaluation before final installation.

#### WHAT PROBLEMS DID AIRWATERGREEN'S DEHUMIDIFIERS SOLVE?

A test was conducted over a couple of months during which a NEXT240 dehumidifier was moved around and placed in different storage spaces within the property for shorter periods. The purpose was to verify both capacity needs and suitable placement.

During the evaluation, temperature and humidity levels in different parts of the premises were monitored, as well as the weather, using AWG's cloud-based Climate Control System.

Since the premises are divided into two large storage areas with loading docks on either side, the evaluation showed that it was suitable to have one machine in the smaller storage area and two machines in the larger warehouse.



#### QUICK FACTS

**Product:** 3 x NEXT240

**Installation year:** April 2023

**Reason:**

**Improve the working environment, reduce condensation, relieve the cooling units, and decrease the amount of ice formation in the freezer storage.**

#### BENEFITS OF USING AWGS PRODUCTS VS DOING NOTHING?

In the cold storage, it is now possible to avoid condensation on cold surfaces. This was previously a workplace issue that posed risks of accidents and damage to goods and property.

An advantage is also that the NEXT240 dehumidifiers can be easily relocated when there are changes in operations or the property.