

## INSTALLATION IN ICE CREAM PRODUCTION

### Reference Case Food Production: SIA Glass

#### BAKGROUND

In the production of ice cream, it is necessary to maintain a low temperature at all stages to ensure good quality. This means that the premises often maintain a lower temperature between 4°C – 12°C even outside the actual production area. Therefore, there is a high risk of condensation with the risk of mold formation and also that packaging absorbs inappropriate amounts of moisture. Therefore, it is important to keep the water level in the air under control! And do it in an energy-efficient way!

Challenges with humidity are best handled with Airwatergreen's dehumidifiers as they have uniquely low electricity consumption, are easy to install, and have high capacity even at low temperatures!

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

Two REX dehumidifiers are now used in the warehouse of SIA Glass to avoid condensation but also to reduce ice formation in the freezer room. Water reduced from the air is led down to the nearest floor drain. With reduced risk of condensation, a safer working climate is created with reduced risk of slip accidents, and the risk of moisture damage to packaging and other equipment is reduced. In addition, the cooling units are relieved as it is easier to cool dry air than moist!

A REX is installed in the palletizing room. There, they want to avoid corrosion and mold formation as well as moisture damage to the packaging.



#### QUICK FACTS

**Product:** 2 REX in the Warehouse + 1 REX in the palletizing room

**Installation year:** June 2021 and September 2023

**Reason:** Improved working environment and reduced risk of moisture damage to packaging and avoiding the risk of mold formation.

#### BENEFITS OF USING AWG'S PRODUCTS VS DOING NOTHING?

With the use of REX, an appropriate level of humidity can be maintained in the premises. This avoids damage to packaging, corrosion on equipment, and prevents mold formation.

A better climate in the premises provides a healthier environment and reduces the risk of slip accidents. Challenges with ice formation on the cooling units save energy and also reduce wear on the cooling units.

REX is easy to install and can also be easily relocated if needs change. REX has a uniquely low electricity consumption even at low temperatures.