

INSTALLATION AT HALLERTAU (GERMANY)

Reference case in Water and Sewage

BACKGROUND

Hallertau Water Supply Association is a water company in Bavaria north of Munich. The water company, which supplies drinking water to over 35,000 residents, gets most of its raw water from the ground. The Hallertau waterworks produces 8,500 m3 of water every day.

WHAT PROBLEMS DID AIRWATERGREEN'S DEHUMIDIFIERS SOLVE?

In the main building of the waterworks there were recurring problems with heavy condensation on the cold water-carrying pipes and dampness on the floor.

During the summer, the air in the building is heated up strongly by the sun through the large windows and the relative humidity drops. Due to the cold temperature in the pipes, the water still contained in the air begins to condense.

During the night, when the temperature drops, the relative humidity again rises to a level that is too high.

The conclusion was that a dehumidifier was needed that could reduce the relative humidity to a much lower level during the day. A dehumidifier that could work equally efficiently at all temperatures - high and low.



“ We have had problems with condensation and moisture in our water plant for a long time. I am very pleased that we were able to solve these problems by installing a REX dehumidifier

Bernhard Pichlmaier, Watermaster



QUICK FACTS

Product: 1 st REX

Installation year: Summer 2020

Cause: Avoid condensation on cold surfaces in an energy-efficient way.

BENEFITS OF USING AIRWATERGREEN'S PRODUCTS

In the past, dehumidifiers with compressor technology were used, but they could not lower the relative humidity to the level required to prevent condensation.

The technology used in REX can reduce the relative humidity to the required low level. And REX can do this with much less energy than alternative solutions