



Keep your waterworks running at 100%

Munters optimized dehumidification solutions prevent corrosion, electrical malfunctioning, and unplanned stops.

Keep your waterworks running at its peak

Failing equipment and aging pipes are some of the biggest challenges for water or wastewater treatment plants. Often caused by humidity, condensation forms when warm, moist air meets a cold surface. Drying away the problem with heaters isn't effective since it won't lower the dew point, which is the point at which air becomes saturated with water vapor. Most of the year water coming out of the ground

is colder than the air so this makes waterworks extremely vulnerable.

If not treated, condensation can corrode both water-carrying pipes and sensitive remote monitoring equipment. Production stops and unplanned maintenance can be costly consequences. Over time, the building itself can even be damaged.

Prevent corrosion at your water plant

Condensation is a constant challenge for water treatment facilities, especially during the warmer summer months. Even in cold climates water in piping is usually colder than the air, which even makes waterworks situated in these climates susceptible to condensation.

Unless managed, condensation can form on sensitive monitoring equipment and steel piping, and over time this can lead to corrosion. This corrosion can damage remote monitoring equipment and corroded piping can discolor drinking water, and even lead to structural site failures.



Eliminate unplanned stoppages



Prevent corrosion



Electrical malfunctioning

Avoid downtime and unplanned stops

High humidity can lead to a dramatic drop in the electrical resistance of insulating material, which can cause current to flow across the surfaces of water plant monitoring equipment, and current can even flow through the air. The condensation that forms when humidity levels increase can cause operational disturbances due to malfunctioning electronic equipment.

Malfunctioning electronic equipment can cause unplanned stops. Water treatment facilities need to be shut down to fix these problems, and that costs.

Prevent mold formation

Microbial growth begins to take place between 50 – 70% Relative Humidity (RH). In waterworks, humidity can easily rise to these levels, causing condensation on pipes and walls. Such a damp environment creates the perfect conditions for mold and bacteria. If left untreated, the working environment becomes unpleasant and may eventually pose a health risk to staff.

Unless moisture is manually removed then condensation can build on sensitive water treatment monitoring equipment and steel piping. These condensation droplets can then fall onto surfaces below. Mold growth in water droplets may begin to smell, and in the worst case could pose a health risk to staff.





Control climate in your waterworks

Using Munters dehumidifiers will help you prevent corrosion and ensure piping and remote electronic monitoring equipment don't malfunction and perform as designed. Prevent mold and bacterial growth and eliminate unplanned stoppages by keeping your waterworks running at 100% with Munters optimized dehumidification solutions.

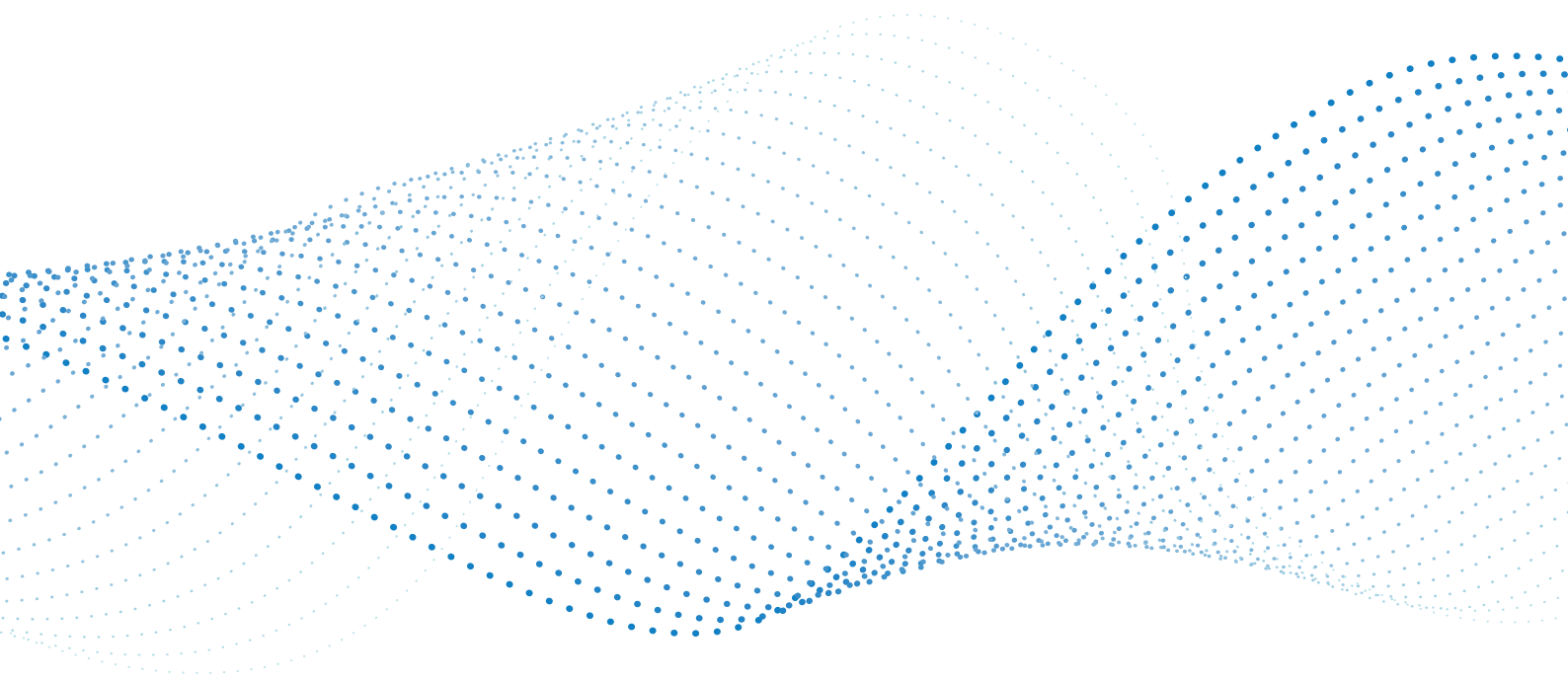
Munters dehumidifiers are designed for energy efficiency, are easy to install and maintain, and come in many different sizes and configurations, depending on the needs of your water treatment facility. They track actual conditions in real time, measuring humidity and temperature to ensure that the unit only runs when there is a risk of condensation developing, giving you energy-efficient, floating dew point control. And you can even remotely monitor your Munters dehumidifier using the Munters Connected Climate® (MCC).

A Munters dehumidifier will keep humidity under control, reducing risk for malfunctioning electronic equipment and keeping your water industry running by preventing corrosion, electrical malfunctioning, and unplanned stops.

The choice is yours

Munters offers a wide range of robust, quality desiccant and refrigerant dehumidifiers for commercial and industrial use.

Munters dehumidifiers can be configured to match the requirements of water treatment facilities throughout the world.



Munters is a global leader in energy-efficient air treatment and climate solutions. Using innovative technologies, Munters creates the perfect climate for customers in a wide range of industries.

Munters has been defining the future of air treatment since 1955. Today, around 4,000 employees carry out manufacturing and sales in more than 30 countries.

For more information, please visit www.munters.com