Humidifiers
Atomizing, Evaporative, & Electric Steam
Low Humidity Effects

Would you like to improve the quality of the air you breathe, reduce your heating bill this winter, and protect your home’s interior furnishings?

Humidity is defined as the amount of moisture in the air. Your home’s overall indoor air quality and your health are largely influenced by humidity control.

If the air in your home is dry, then irritated skin, chapped lips, nasal congestion, and a dry mouth are the result. Low humidity in your home can also cause or aggravate respiratory ailments such as allergies and asthma.

Low humidity can also affect your home, drying out your furniture as well as the wood in your floors, walls, and structural beams - which, as they shrink, can creak and crack. Dehydrated plants and increased static electricity are also caused by low humidity.

You can also feel the effects of low humidity in your wallet. During cold winter weather, outside air that naturally enters the home acts to reduce the indoor humidity levels. The dry air will actually make the air in your home feel colder, causing you to raise your furnace temperature, using more energy and increasing your heating bill.

TRION® products deliver optimal humidity levels that improve indoor air quality and comfort, reduce your heating bills, and protect your home.

Humidity Facts

- Low humidity makes people more susceptible to infection.*
- Low humidity aggravates the skin, respiratory system, allergies, and asthma.
- Humidity control is one of the most important steps you should take in creating a healthy indoor environment. Humidity control is not only effective in preventing mold growth, but it’s also effective in curbing the dust mite population in your home.**

*The American Society of Otolaryngology
**Dr. Clive Brown, The Centers for Disease Control

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Controlled Humidity...

- Reduces airborne dust.
- Inhibits the build-up of static electricity.
- Makes your home feel more comfortable.
- Helps relieve dry skin, dry mouth, and chapped lips.
- Reduces the occurrence of nose bleeds due to dry air.
- Helps asthma sufferers minimize respiratory discomfort.
- Reduces the growth of bacteria, fungus, mold, and livelihood of viruses.
- Prevents wood floors from cracking and can help prevent squeaky, creaking floors.
- Protects wood furnishings from the damaging effects of drying out. It prevents cracking and peeling of wood and finishes.
- Creates a suitable environment for houseplants to flourish.
- Protects wallpaper from peeling.
- Allows homeowners to feel comfortable with a lower thermostat setting which translates into energy savings.
Evaporative Humidifiers

CB300(S) & CB100(S)
ComfortBreeze™ humidifiers are installed onto the home’s ducts where they deliver highly efficient humidification. Featuring H₂OSmart Technology™, the CB100S & CB300S models continually adapt to the conditions in the system and react to conserve water while continuing to provide humidity. High output and low water consumption make ComfortBreeze the smartest choice for home comfort into the future.

CM200
The compact, durable CM200 is easy to install and can be universally mounted. Evaporative water is released into the home by the furnace or air handler. An adjustable, precision duct or wall mounted humidistat allows the unit to be set for optimum relative humidity. When used with warm air furnaces, the CM200 delivers a peak capacity of 13 gallons per day.

Steam Humidifiers

COMFORTSTEAM™
COMFORTSTEAM’s compact size and superior features make it simple to install, operate, and maintain. Available capacities are 11.5 and 23 gallons per day. Resistive heating elements are enclosed in a quick-release, stainless steel tank which simplifies cleaning and doesn’t require costly annual tank replacements. Not only will you enjoy its ease of maintenance and 100% efficiency, but you can feel good that it is environmentally friendly as well.

Atomizing Humidifiers

CB777
Centrifugal atomizing humidifiers are installed onto the return duct where a superfine mist is generated, quickly absorbed into the air, and distributed into the home. The CB777 can also operate as a free standing unit where a superfine mist is fed directly into a room. The humidistat automatically controls the operations to ensure that the proper amount of moisture is added into the air. The humidistat is either installed on the interior wall or in the cold air return duct upstream from the unit. There are no pads or filters to change, so maintenance is minimized.

Mister-MINI®
The Mister-MINI® operates by dispersing a fine mist into the warm air supply duct of your heating system. The water is evaporated by the warm air from the furnace and carried into your home by the furnace airflow. The Mister-MINI humidistat and built-in temperature switch automatically control the operation of the humidifier to ensure that the proper amount of humidity is achieved.

Zones
The typical heated home’s relative humidity is less than 15% during the winter months. Relative humidity should be between 40 and 60% in order to maximize comfort.
TRION® Humidifiers come with a five-year limited warranty.

To learn more about TRION® residential products, contact your local TRION® representative or visit us on the web at www.troniaq.com.

Electronic Air Cleaners    Dehumidifiers    Media Air Cleaners