



Protect your assets

Humidification – an important
part of your home security



For Health and Comfort.

Your Family

Your most valuable assets can be the most at risk from exposure to dry air. Dry air pulls moisture from everything it touches, including the human body.

Dry nose and throat are not only uncomfortable, but can aggravate asthma and allergies. As the membranes of the nose and throat dry out, they can also crack, creating entry points for bacteria and viruses to enter the body.

Contact lenses can contain up to 60% water. Dry air pulls moisture from the outer surface of contact lenses and can cause them to curl, irritating the eyes and eyelids, making them very uncomfortable to wear.

Humidifying the air decreases evaporation of moisture from the skin, which can make you feel warmer and more comfortable, even at lower temperatures. Turning down the thermostat saves energy, but also helps to decrease the dryness of the air.



Wood Flooring, Paneling and Carpeting

Wood materials are a beautiful accent to your home, but can be damaged within a few years if the humidity in your home is unstable and dries these materials out. Carpet fibers can become dry and brittle, and will then break off, shortening the life of your carpets, rugs, and tapestries, but worse – contributing to the dust count in the air.

HYGRO

PROTECT GREATEST FROM DAMAGE

Dry air pulls moisture from everything it touches, including moisture absorbed by floors, paneling, carpets and most importantly, from living human beings. Winter needs



Did you know?
The environment is important to

All our products are designed for long-term operation and energy efficiency, which reduce maintenance in addition to reducing the environmental impact associated with components. We protect nature and maintain a healthy environment.

Learn more at www.hydro.com

PROTECT YOUR MOST VALUABLE ASSETS FROM DRY AIR DAMAGE.

From everything it contacts, absorbing materials like wood, artwork, tapestries, and living organic organisms – need not be the “dry months”.

Expensive Art – Personal Treasures

Museums worldwide recognize that humidity is actually more important than temperature in protecting antiquities. Unstable humidity causes paint canvasses to expand and contract, cracking the paint on their surface. Artifacts warp and crack. Even stone sculptures discolor and attract dirt to their surfaces.

Rare manuscripts and books with ancient paper leaves and leather bindings can be destroyed very quickly if the humidity is unstable. The Declaration of Independence, Constitution of the United States, and the Magna Carta are all protected in humidity controlled vaults.

Traveling exhibits are only obtainable from most museums, with the signing of a contract that specifies that the humidity must be maintained at $45\% \pm 2\%$.

Your treasures are no less valuable.



How?
Humidity is most
important in the US.

HygroMatik was developed for long-term feature technologies to enhance requirements, reducing wear and tear of equipment. This helps us to make a difference.

www.hygromatik.com

Wine Cellar and Humidor

Fine wines not only lose moisture through their corks (Angel's portion), but can also allow air into the wine, spoiling it.

A fine cigar “is a smoke”, and the quality of that smoke very much depends on the moisture content of the cigar. As with other organic materials, once they lose moisture, it cannot be added back to restore the original quality.



HygroMatik also has the world's best steam generators for spas and steam rooms.

Why HygroMatik humidifiers are best.

Standard features:

- Display with 4 function keys for easy operation and programming (1)
- 10 symbols for displaying operating and service messages
- On/Off or Proportional control, also Proportional-Integral
- Automatic system test incl. self-diagnosis check on startup
- Automatic end of season drain down – prevents stagnant water
- Intelligent adjustment to water quality
- Stand-by heating mode for instant response when needed
- Remote alarm output relay
- Integrated communications capability for ModBus or BacNet
- Steam manifolds by air duct (2)
- Drain water tempering – never exceeds 140°F (3)

Features other humidifiers don't have:

- Cleanable, Reusable steam cylinder, removable without tools (4)
- Solid changeable Stainless Steel Electrodes (5)
- The heavy-duty blow-down pump (6) supports the combined rinsing and scale collection system by draining the scale deposits.
- Pressure feed cleans strainer
- Integrated circuit breaker



Technical Data StandardLine SLE05 Residential

| | |
|---|--|
| Steam output [lbs/h] | 9-10.6 |
| Electrical connection | 208-240 V / 1Ph / 50-60Hz* |
| Power rating [kW] | 1 x 3.1 - 3.6 |
| Power consumption [A] | 1 x 15 |
| Steam hose and manifold connection [inch] | 1 x 1 |
| Unit Dimensions W/H/D [inch] | 13.7 / 20.9 / 9.6 |
| Empty weight [lbs] | 26.5 |
| Operational weight [lbs] | 37.5 |
| Water installation | Tap water of different qualities 15 to 150 PSI with 3/4" water connection |

Incl. safety interlock 12VDC and HyCool

* other capacities and voltages on request



HygroMATIK®
WE HUMIDIFY THE AIR

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