

FEDDERS®

PURE VALUE. PURE COMFORT.



Humidifiers

Humidifiers

The Effects of Low Humidity...

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, and at its current temperature could hold more moisture, then the indoor humidity is too low. As a result, you have the potential for dry, itchy skin, chapped lips, nasal congestion and a dry, sore throat when you wake up

in the morning. Low humidity in your home can also cause or aggravate respiratory ailments.

dissipating moisture from the dry air can cause a cooling effect on your skin... causing you to increase the heat and your energy bill

Now think how this can 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 the result of humidity that is too low.

You can also feel the effects of low humidity in your wallet. During cold winter weather, air leaks in your home cause the loss of humidity to the outdoors while drawing in the drier, colder air. The dissipating moisture from the dry air can cause a cooling effect on your skin, making the house feel colder than the actual thermostat setting, causing you to increase the heat and your energy bill.

Herrmidifier by Fedders humidifiers are efficient, delivering the optimal humidity levels that improve the indoor air quality and provide for your comfort, protect your home and your furnishings and reduce your heating bills.



Humidifier Capacity Selection Guide Gallons per day (Liters per day)

SQUARE FOOTAGE (METERS) OF HOME	TIGHT ¹ HOME	AVERAGE ² HOME	LOOSE ³ HOME
1,000 (92.9 m ²)	0.5 (1.9)	5.0 (18.9)	10.0 (37.9)
1,500 (139.4 m ²)	3.0 (11.4)	10.0 (37.9)	16.5 (62.5)
2,000 (185.8 m ²)	5.0 (18.9)	14.0 (52.9)	24.0 (90.8)
2,500 (232.3 m ²)	7.5 (28.4)	19.0 (71.9)	30.5 (115.5)
3,000 (278.7 m ²)	10.0 (37.9)	23.5 (88.9)	37.5 (141.9)
3,500 (325.2 m ²)	14.5 (54.9)	33.0 (124.9)	51.5 (194.9)

Evaporative Humidifiers

Whether you have a furnace or a heat pump, there is an appropriate Herrmidifier by Fedders unit to meet your needs. The G-100 Power Flow-Thru and the G-200/300 Bypass Flow-Thru evaporative humidifiers are installed onto a furnace supply duct where warm dry air is forced across moist evaporator pads (wetted through the home's water supply), releasing moisture into the home.

In addition to being among the most energy efficient, the evaporative humidifier's filters help keep microorganisms and minerals in the water from being dispersed into the air.

¹ A "Tight Home" is assumed to be well-insulated with vapor barriers, tight storm windows and doors, and a dampered fireplace. Air exchange rate of .5 changes per hour.

² An "Average Home" is insulated and has a dampered fireplace, but there are no vapor barriers, storm doors, or storm windows. Air exchange rate of 1.0 change per hour.

³ A "Loose Home" is generally one constructed before 1930. It has little or no insulation, no storm doors, storm windows, weather stripping or vapor barriers, and often no effective dampering of fireplaces. Air exchange rate is as high as 1.5 changes per hour.



Rotating Drum Humidifiers

A rotating drum humidifier draws air across a moistened evaporator pad (wetted through the home's water supply), releasing a superfine mist into the house.

The return or supply duct-mounted 465-C1 Rotating Drum Bypass atomizing reservoir requires only one-half inch of overhead clearance and features an observation window that allows for quick and easy evaporator pad inspection.



465-C1

Atomizing Humidifiers

Using a home's water supply, atomizing humidifiers emit a fine mist into the duct. This invisible moisture flows through the home to increase relative humidity levels. The high-performance Mister 50 Atomizing humidifiers can be easily installed on a supply duct. The 707U Centrifugal Atomizer can also act as a free-standing humidifier in homes with no ductwork installation and offers low power consumption.



Mister 50



707U

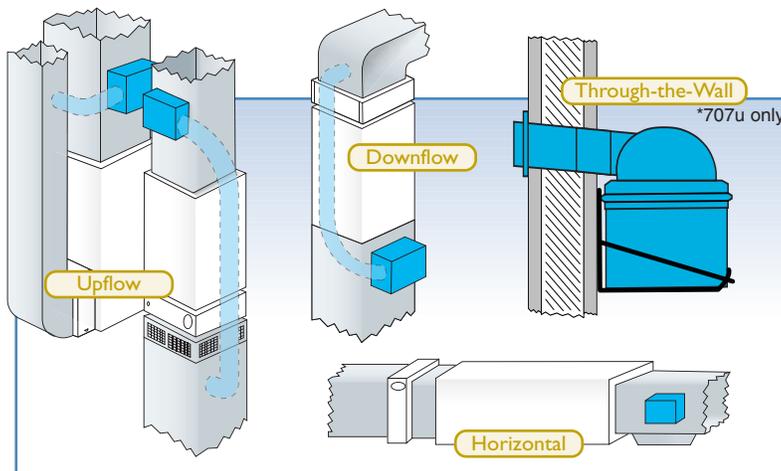
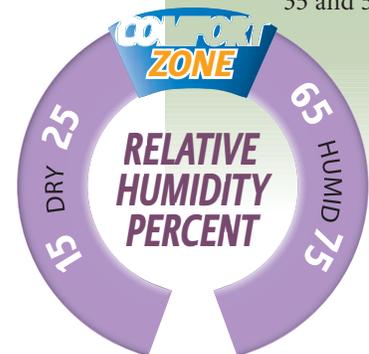


Know Your Zone

The typical heated home's relative humidity is less than 15% during the winter months. That dry air can cause health concerns, higher energy bills and permanent damage to wood furniture, kitchen cabinets, moldings and flooring. A Herrmidifier by Fedders whole-house humidifier eliminates all of those problems because it keeps the relative humidity where it should be, between 35 and 55%.

Herrmidifier by Fedders Humidifier features

- Flexible humidity control, adjusting to relative humidity lows of 20 percent to highs of 80 percent
- Built-in humidistats (wall- or duct-mounted) that automatically regulate the humidity of a room, ensuring the constant comfort of your home
- Flow-through models have the ability to flush away minerals and solid residues trapped in the humidifier
- Easy installation with versatile mounting options
- Low maintenance and lower total cost of ownership



Herrmidifier by Fedders Humidifiers work within all types of configurations

Depending on the needs of your home, Herrmidifier whole-house humidifiers easily install onto the supply duct. For homes without ductwork, atomizing humidifiers can be installed either through a wall or operate as a stand-alone unit to deliver comfort.

Why choose a Herrmidifier by Fedders Humidifier?

Houses can be new or old, big or small, and in constantly warm or multi-seasonal climates. With an array of humidifying needs, Herrmidifier by Fedders offers a comprehensive line of whole-house humidifiers with features experts recommend.

As a one-stop shop for humidification needs, Fedders offers customers the flexibility of choice as well as cost savings afforded by global manufacturing operations.

A comprehensive two-year warranty guarantees peace of mind and comfort. Check with your contractor or visit the Fedders website, at www.Fedders.com for details.

Fedders produces and markets a complete line of residential products including central air systems, media and electronic air cleaners, humidifiers, air handlers, heat pump systems and gas furnaces. The Fedders line also includes window, through-the-wall, ceiling cassette, vertical split and portable room air conditioners, plus PTAC/PTHP, dehumidifiers and appliance-type air purifiers.

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**PURE PEACE
OF MIND
WARRANTY**

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