

*Aprilaire*<sup>®</sup>

# Control Dry Air

*Enjoy year-round  
comfort with  
whole-home  
steam humidifiers  
from Aprilaire*



Is the dryness of your home's air under control?



Dry air can be a problem in almost any home, but it is most common in semi-arid climates and those that require forced air heating during the cooler months of the year. In fact, during the winter months, the combination of cool, outdoor air and forced furnace heat can cause your home to be drier than the Sahara Desert.

If you experience dry air in your home, it's more than just a nuisance. Air that's not properly humidified can have serious health and comfort implications:

- Low relative humidity can make you more susceptible to catching a cold.\* And flu viruses have been linked to speedier progression and transmission in dry air.\*\*
- The respiratory infections caused by cold and flu viruses are a leading trigger of asthma in children.† Plus, cold, dry air on its own can aggravate asthma.
- Static shock and dry, itchy skin, eyes and throat can all be traced back to air that's not properly humidified.

But that's not all. Dry air can cause structural damage to your home and possessions, the result of which can be quite costly. It can cause walls, woodwork and hardwood floors to crack. And those annoying static shocks? They can cause irreparable damage to your electronic equipment.

Then, there's the impact that dry air can have on your energy bill. Dry air can actually make you feel colder at normal temperatures, causing you to overheat your home. According to the Environmental Protection Agency, for every degree you heat your house, you add four percent to your energy bill.‡

Dry indoor air is more than just an inconvenience. It's a threat to the health and comfort of your family—as well as your budget. Thankfully, with Aprilaire, there's something you can do to control it.

#### Sources:

- \* PLOSone, *High Humidity Leads to Loss of Infectious Influenza Virus from Simulated Coughs*.
- \*\* Department of Microbiology, Mount Sinai School of Medicine, *Influenza Virus Transmission Is Dependent on Relative Humidity and Temperature*; 2007, New York, New York, USA.
- † Asthma and Allergy Foundation of America, *Asthma Overview*.
- ‡ Environmental Protection Agency. *Region 7. Home Helps*.



*For more information about the health, comfort and structural problems caused by dry indoor air, visit [aprilair.com](http://aprilair.com).*

# Healthier, more comfortable air is within your reach.

While dry air can make your home both uncomfortable and unhealthy, there's no need for you and your family to suffer. Aprilaire whole-home humidifiers can help. They are installed as part of your home's heating and cooling system and automatically deliver the perfect amount of humidified air, not just to one room, but throughout every room of your home.

An Aprilaire whole-home humidifier can help you:

## Control health

Maintaining the right humidity level throughout your home not only helps keep your nasal passages and airways healthy, it helps reduce colds and the flu. Even the common cold can be controlled with proper humidity. According to Dr. Joseph Lubart in an article in the *New York State Journal of Medicine*, "The most important prevention measure would appear to be proper regulation of the humidity, especially during the heating season with its distressing drying of the indoor air and the creation of an environment favorable to the cold bug." Aprilaire humidifiers monitor indoor relative humidity to make sure the air in your home is unwelcoming to viruses and other unhealthy inhabitants.

## Protect your home

You've invested a lot into your home's features and contents. An Aprilaire humidifier can help keep your possessions protected. Furniture, hardwood floors, musical instruments and electronics are all safer when your home is properly humidified.

## Increase comfort and energy efficiency

Optimal humidity can also help you stay warmer at cooler temperatures. That means you can lower your thermostat and save energy, thereby lowering your heating costs.





## Aprilaire— delivering improved comfort to your home and family.

Aprilaire is the industry leader in whole-home humidification solutions. In 1953, we introduced the very first effective whole-home residential humidification system.

Since then, Aprilaire humidifiers have been often imitated, but never duplicated. Our revolutionary technology and innovative solutions continue to set the standard for precision whole-home humidification.

### **Performance and peace of mind.**

Our humidification solutions are engineered and manufactured in the United States. Once installed by your local heating and cooling specialist, they require little maintenance or attention.

With Aprilaire, both you and your family will feel good inside.

*Learn more about the benefits of whole-home humidification at [aprilair.com](http://aprilair.com).*

# Experience the comfort of perfectly humidified air.

Aprilaire whole-home steam humidifiers have many distinct advantages over room-sized portable units. One is that they can either be installed as part of your forced-air heating and cooling system or independently, without the need for ductwork. That means any home can enjoy care-free comfort. They deliver perfect humidification throughout your entire home without having multiple noisy, unsightly and difficult-to-maintain portable units.



The Aprilaire Model 65 Humidifier Control allows you to monitor and easily adjust the humidity setting and turn the humidifier on or off from a convenient location in your living space.



## Automatic Digital Control

The Aprilaire Automatic Digital Control mounts on your heating system to automatically deliver the optimal amount of humidity. It features a convenient display and indicators to let you know relative humidity (RH) levels, operation status and any service needs.



## Home Comfort Control

The Aprilaire Home Comfort Control is an attractive, easy-to-use touch screen that replaces your thermostat. It delivers optimal humidity automatically while also managing temperature, air purity and air freshness. It puts you in total control of your comfort.





# A humidification solution for every home.

Your Aprilaire Comfort Advisor will recommend which one is right for you.



## Aprilaire Steam Humidifier Specifications

	A. Unit Size (inches) B. Plenum Opening (inches)	Capacity <small>gpd = gallons per day</small>	Electrical Data
 <p><b>Model 800</b> Steam Humidifier – For applications when evaporative units are less practical (attics, crawl spaces, closets, milder winter climates, non-forced air heating source). Includes Model 62 Automatic Digital Control.</p>	Model 800: A. 10-1/8W x 20-7/8H x 7-1/8D B. N/A	11.5 gpd	120V-60Hz 11.5 AMP
		16.0 gpd	120V-60Hz 16 AMP
		20.5 gpd	208V-60H 11.5 AMP
 <p><b>Model 865 Ductless</b> Ductless Humidification System – Includes the Model 800, Fan Pack, Model 65 Control and Model 4028 Drain Trap.</p>	Fan Pack: A. 14W x 6-7/8H x 5D Finished Grille 17-1/16W x 7-13/16H B. N/A	30.0 gpd	208V-60H 16 AMP
		23.3 gpd	240V-60Hz 11.5 AMP
		34.6 gpd	240V-60Hz 16 AMP

**Warranty** – All Aprilaire models are warranted for five (5) years from date of installation for parts.

• Water usage rate – Model 800 is 0.6 to 1.8 gph depending on voltage, amp draw and water quality.

## Humidifier Sizing Chart (8' Ceilings)

StructureTightness	1000 ft <sup>2</sup>	1500 ft <sup>2</sup>	2000 ft <sup>2</sup>	2500 ft <sup>2</sup>	3000 ft <sup>2</sup>	4000 ft <sup>2</sup>	5000 ft <sup>2</sup>
	<b>Humidity needed (GPD per AHRI)*** Guideline F 2008</b>						
<b>Tight</b>	4.3	6.4	8.5	10.6	12.7	17	21.2
<b>Average</b>	8.6	12.8	17	21.3	25.4	34	42.6
<b>Loose</b>	12.7	19.1	25.5	31.8	38.1	51	63.6

\*\*\* AHRI Air Conditioning, Heating, and Refrigeration Institute GPD = Gallons Per Day Guideline F 2008

• A family of 4 will add 2 gallons of humidity per day through everyday activities like breathing, cooking, bathing and washing.

# Delivering comfort to homes and families like yours for more than 50 years.

Aprilaire has a full range of indoor air quality solutions that work together to make your home more healthy, comfortable and energy efficient. From whole-home air cleaners and humidity control to ventilation and zoned temperature solutions, we can help you maintain an optimum indoor environment for your home and family.

Ask your Aprilaire comfort consultant about our full range of indoor air comfort solutions designed to help you and your family feel good inside.

**Aprilaire**<sup>®</sup>

*Feel Good. Inside.*<sup>™</sup>

---

For more information about the Aprilaire family of whole-home comfort solutions, visit [www.aprilaire.com](http://www.aprilaire.com).



[facebook.com/aprilaire](https://www.facebook.com/aprilaire)