

Aprilaire®

Humidity Solutions

Whole-Home Dehumidifiers



Trusted Solutions for a Healthy Home®

HOUSEHOLD PROBLEM:

Excess humidity in your home is more than just a nuisance—it's *unhealthy*.

For more information about the health, comfort and home damage caused by excess humidity, visit

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

Is the humidity in your home under control?

Excess moisture in your home can be obvious. You may smell musty odors, see mold growing or feel clammy. High humidity can also impact health.

Allergies and asthma

Trouble breathing is a common symptom of allergies and the main struggle of those with asthma. Excess humidity in the home creates conditions that are perfect for mold and insects like dust mites. Mold is a common environmental allergen and sends spores throughout the home. Mites are also one of the major indoor triggers for people with allergies and asthma.*

Dust mites thrive in conditions where the relative humidity exceeds 50%.**

Home and furnishing damage

High humidity can lead to warping and damage to wood floors and trim. Moisture can also get trapped in carpeting, furniture and drapes. Family heirlooms, like photos, may also be at risk.

Overcooling is a costly—and ineffective—solution

Air that has too much humidity in it actually makes you feel warmer. We've all heard the saying, it's not the heat, it's the humidity. That's especially true in summer months when many homeowners make the mistake of overcooling their homes in an effort to mitigate high humidity. Not only do they end up expending more energy, they still can't get comfortable because an air conditioner is not an effective dehumidifier.

Whether in the North or South, excess home humidity is a problem

If you live in a northern climate, indoor humidity is especially pronounced in the summertime when the outdoor humidity is also high. You're likely to notice it more in your basement, where moisture is easily trapped. Conversely, southern climates suffer from excess indoor humidity year-round, and may see a spike during cooler months when the air conditioner does not run.



*If you have a chronic lung illness, mold can even **infect** your lungs.****

SOURCES: * www.lung.org/our-initiatives/healthy-air/indoor/indoor-air-pollutants/dust-mites.html
** ncbi.nlm.nih.gov/pubmed/11149998
*** epa.gov/mold/moldresources.html

Healthier, comfortable air is within reach with Aprilaire®.

While high humidity is a threat to comfort and health in every home, there's an easy solution. An Aprilaire whole-home dehumidifier can be free-standing or installed as part of your home's heating and cooling system to automatically remove the right amount of humidity from every room.



An Aprilaire Whole-Home Dehumidifier Can Help You

CONTROL HEALTH

By eliminating excess moisture, Aprilaire whole-home dehumidifiers can reduce dust mite growth and the prevalence of mold and other contaminants that trigger allergy and asthma symptoms.

MAINTAIN COMFORT AND ELIMINATE ODORS

Cold, clammy air and musty, mildew-like odors will be a thing of the past. Aprilaire dehumidifiers remove moisture throughout your home—from the basement to the attic and everything in between.

PROTECT YOUR HOME

Protect your home from the damaging impact of excess humidity including: mold, termites, structural damage and damage to tools and electronics.

IMPROVE ENERGY EFFICIENCY

When excess humidity is removed from indoor air, you'll feel cooler at a higher temperature. That means you can set your thermostat a few degrees higher.

QUIET & CONVENIENT OPERATION

Our dehumidifiers are among the quietest on the market—plus, they are installed away from your living space. They are a fully automated part of your heating and cooling system, so you don't have to worry about emptying water trays.

Learn more about the benefits of whole-home dehumidification [aprilaire.com](https://www.aprilaire.com)



Perfectly humidified air is within your control

Aprilaire whole-home dehumidifiers are convenient, efficient and reliable. Aprilaire whole-home dehumidifiers automatically extract just the right amount of moisture from the air to continually maintain optimal indoor relative humidity. Once installed, you never have to worry about the problems that result from excess humidity again.

If you need to adjust the humidity levels in your home, Aprilaire makes management simple and convenient with living space controls and Wi-Fi thermostats.

Digital control

The Aprilaire digital dehumidifier control displays the current level of humidity in your home and indicates when the unit is running. You can simply adjust the settings to change the humidity level.



Living space control for convenient monitoring

Wi-Fi control of indoor air quality

Aprilaire Wi-Fi Thermostats with IAQ Control provide the most convenient and accurate control of excess humidity and temperature. The Aprilaire Wi-Fi Thermostat App also allows you to control other installed Aprilaire IAQ products for optimal fresh air ventilation and air purity and keeps you up-to-date about changing climate conditions in your home.



Aprilaire offers a full line of Wi-Fi thermostats for convenient, efficient control of temperature, humidity and all indoor air quality accessories.

Aprilaire—delivering improved comfort to your home and family

Aprilaire is the industry leader in humidity control. In 1954, we introduced the first effective whole-home residential humidification system.

Since then, we've continually improved and expanded to meet the growing demand for indoor air quality solutions, including whole-home, high-capacity dehumidifiers. Today, our revolutionary technology continues to set the standard for indoor air quality solutions.

Performance and peace of mind

Aprilaire dehumidifiers are professionally installed and maintained by your local heating and cooling contractor. No matter what model you choose, you can rest assured our dehumidifiers are made to last. Each one is designed and built in the USA and comes with a five-year warranty.








*The leaders
in healthy
home solutions
since 1954.*



A dehumidification solution for every home.

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

Aprilaire Dehumidifiers	Model No.	Unit Size	Capacity ppd = Pints Per Day	Weight lbs
	1830¹	W: 12½" H: 14½" D: 25" 	70 ppd	67
	1850	W: 12½" H: 14½" D: 27½"	95 ppd	70
	1852²			
1850W⁴				
	1870¹	W: 19½" H: 18¾" D: 30" 	95 ppd	113
	1870W^{1,4}			
	1870F^{1,3}			114

DEHUMIDIFIER SIZING GUIDELINES



The recommended home floor area (ft²) that each listed dehumidifier can dehumidify, assuming 8 ft. ceilings. These are sizing guidelines only. The actual home size is dependent on the exact location of the home, the actual total ventilation rate, occupant living habits, moisture removal characteristics of the air conditioning system and the environmental conditions at which the occupants experience comfort.

	Model 1830		Model 1850		Model 1870	
	1.00 ACH	.50 ACH	1.00 ACH	.50 ACH	1.00 ACH	.50 ACH
Region A	2800 Ft ²	3800 Ft ²	3800 Ft ²	5200 Ft ²	5200 Ft ²	7200 Ft ²
Region B	2200 Ft ²	3400 Ft ²	3000 Ft ²	4700 Ft ²	3900 Ft ²	6500 Ft ²
Region C	1400 Ft ²	2000 Ft ²	1900 Ft ²	2800 Ft ²	2300 Ft ²	3600 Ft ²

ACH = Air Changes per Hour. The tighter the house, the lower the ACH.

¹ An ENERGY STAR® certified product

² 1852 is on casters

³ 1870F is a freestanding dehumidifier on casters with no duct collars

⁴ 1850W/1870W is a hardwired unit only



HEALTH | COMFORT | PRESERVATION | ENERGY SAVINGS

Delivering trusted solutions to homes and families like yours since 1954.

To homeowners who do more for their families, Aprilaire is your trusted source for total indoor air quality solutions that can help improve your family's health, make your home more comfortable and energy efficient while protecting your home assets.

For more information about the Aprilaire family of healthy home solutions, visit

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



HEALTHY HOME SOLUTIONS

- + Humidification
- + Dehumidification
- + Air Purification
- + Temperature Control
- + Ventilation

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