

Aprilaire[®]

**Central Dehumidifiers
Models 1750/1770**

A photograph of a woman with long blonde hair, wearing a pink and white striped shirt, hugging a young girl with blonde hair, wearing a blue dress, from behind. They are sitting on a white couch in a bright, sunlit room with large windows in the background. The woman is smiling warmly at the camera, and the girl is also smiling.

***Enjoy total comfort—
perfect humidity
and temperature.***

You need central dehumidification more often than you think.



It's easy to identify those hot and sticky days when your home would be unbearable without a central air conditioner. But there are also key times of the year when humidity levels are high enough to make you feel uncomfortable even at moderate temperatures, when the air conditioning isn't running:

- **Spring and Autumn when daytime temperatures aren't warm enough to turn on the air conditioning**
- **Nighttime and morning hours when temperatures drop and your air conditioner doesn't run**
- **Rainy and cloudy days**

Depending upon where you live, these conditions could exist at least 20% of the time in a year. In many locations it's up to 40% of the time...that's almost 5 months of the year where your humidity is higher than recommended.

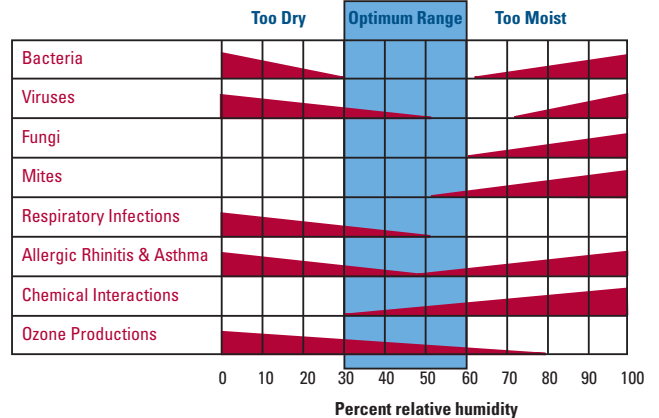
Maintaining an optimal relative humidity in the 45% to 50% range will reduce or eliminate:

- **dustmites – one of the leading contributors to allergies**
- **mold/fungi – one of the leading pathogens inside the home**
- **asthma – one in nine people suffer from asthma**

The need for dehumidification has been recognized for many years, but in a very limited way. Many homeowners can identify with high humidity conditions or symptoms within their homes:

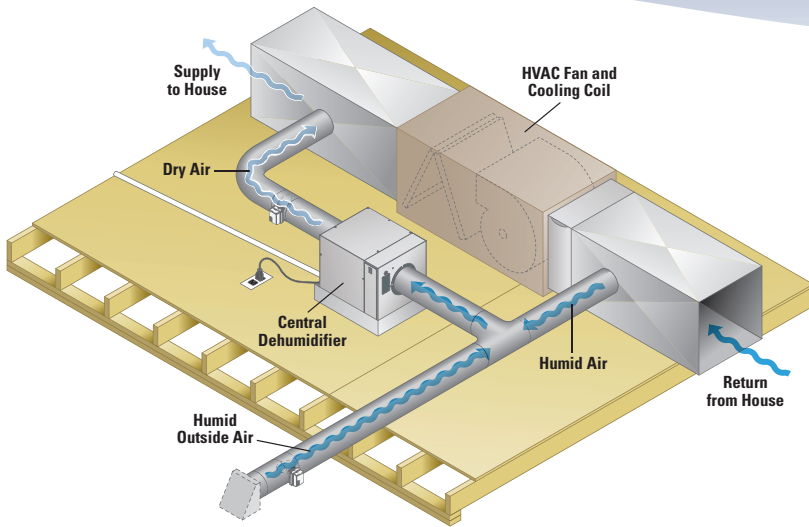
- **Temperature is okay, but you're still not comfortable**
- **Clammy, sleepless or restless nights**
- **Damp, musty basements or crawlspaces**
- **Condensation on supply vents, pipes, toilets, etc**

However, many of these same homeowners have tried to control or remedy the situation with a basic, less efficient portable dehumidifier, and have had to buy multiple units, possibly for multiple rooms in their home.



Source: ASHRAE, Adapted from Sterling et al., 1985
 Data released by the American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) demonstrates that keeping relative humidity in the optimum humidity zone limits the effects of many unwanted conditions.

Take control of your comfort with central dehumidifiers



Aprilaire Central Dehumidifiers are installed as part of your home's heating and cooling system. They dehumidify the whole home by pulling air from every room in your home through the return ducts, filtering and dehumidifying it, then sending cleaner, dryer air back through your home.

An Aprilaire Central Dehumidifier works independently to control your humidity and comfort on days or times when you don't necessarily need cooling from your central air conditioner. It also works in conjunction with your central air conditioner to provide the **MOST EFFICIENT** humidity and comfort control in your home.

■ Control your comfort year-round.

An Aprilaire Central Dehumidifier provides the **OPTIMAL, MOST EFFICIENT** control of your whole home's humidity and comfort, 24-7 year-round when your air-conditioner is running and when it isn't.

■ Control your family's health.

Taking control of your home's humidity is not only important for year-round comfort, it is essential in reducing or eliminating the opportunity for pathogens and allergens to thrive in your home.

The EPA, American Lung Association, and Building Science Corporation, among others, recommend you keep your relative humidity under 50%.

■ Protect your home and furnishings.

Wood - floors, cabinets, millwork, window panes, pianos, guitars and other instruments made of wood - prevent warping, misalignments, re-tuning, decay.

Fabrics & leathers - sofas, chairs, coats - prevent mold and mildew.

| | Typical Portable Dehumidifier | Aprilaire Central Dehumidifier |
|----------------------------------|-------------------------------|--------------------------------|
| Moisture Removal | 30-70 pints/day | 90-150 pints/day |
| Automatic Control | | ✓ |
| Air Filtration | | ✓ |
| Built-In Ventilation | | ✓ |
| Capacity | local area | whole-home |
| Use In Attics | | ✓ |
| Use In Basements | ✓ | ✓ |
| Use In Crawl Space | | ✓ |
| Use In Maintenance Closet | | ✓ |

Taking practical innovation to the next level

Practical Design

■ Automatic Humidity Sensing

On-board humidity sensing allows for better whole home monitoring & control of humidity. Optional remote living space control provides additional humidity control and displays current humidity level.

■ System Status

On-board LED provides instant status of operation and maintenance required.

■ Whole-Home or Zoned

Built-in control can provide additional dehumidification in problem areas like basements or crawlspaces.

Built-In Innovative Features

■ Air Cleaning

Provides air filtration in conjunction with dehumidification.

■ Ventilation

Automatically provides controlled and conditioned fresh air to your home.

■ Air Cycling

Automatically circulates air throughout your entire house for optimal whole-home comfort.

■ Installation Flexibility

Can be installed in crawlspaces, garages, attics, basements, maintenance closets, etc.



**Optional Model 70
living space control**



**LED Status and
Service Indicator**

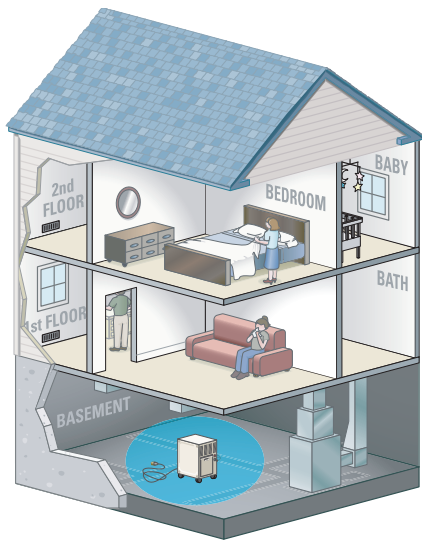
**Aprilaire Central Dehumidifiers
exemplify simple,
practical innovation.**



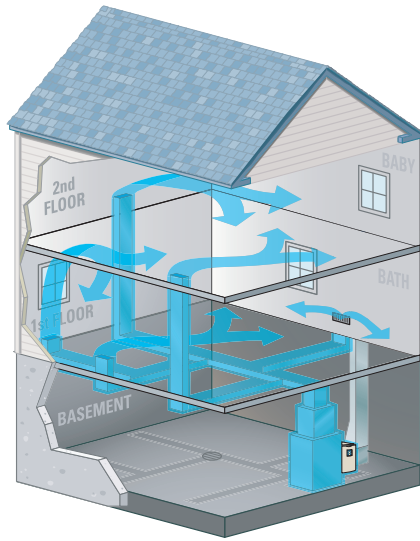
“What should I look for in a dehumidifier?”

Comfort and Control

Aprilaire Central Dehumidifiers not only optimize humidity control for your whole home, but also have value-added, built-in features that can provide the proper ventilation and air-cycling recommended for your entire house. With an Aprilaire Central Dehumidifier you take personal control over your family’s **comfort**, **health** and your home’s **sustainability**.



Portable units



Whole-home unit

Whole-Home Capacity

Portable dehumidifiers treat the air in just one room. To properly control your whole-home comfort and health, you would need to purchase a portable dehumidifier for every room. In this situation, you would consume more electricity than necessary and you would need to deal with the noise and emptying of multiple trays. A more efficient, optimal solution is to have a single, whole-home central dehumidifier installed as part of your home’s central heating and cooling system.

Convenient and Simple

Aprilaire Central Dehumidifiers are easy and economical to maintain. Simply replace the on-board air filter once every 12 months. In addition, they operate in near silence and are tucked away out of sight. There are no trays to empty.





Aprilaire Central Dehumidifiers have undergone rigorous reliability and durability testing showing 15+ years of service life—assuring the high-quality performance you expect and deserve from Aprilaire.

| Model Number | 1750 | 1770 |
|------------------------|-----------------------|-----------------------|
| Water Removal Capacity | 90 pints per day | 150 pints per day |
| Power Supply | 15 amp 120V | 20 amp 120V |
| Power Usage | 8 amps | 14 amps |
| Size (L x W x H) | 24.0" x 20.5" x 19.6" | 24.0" x 20.5" x 19.6" |
| Weight | 92 lbs | 100 lbs |
| Warranty | 5 years | 5 years |

HUMIDIFIERS • DEHUMIDIFIERS • AIR CLEANERS • ZONED COMFORT • THERMOSTATS • VENTILATION

Aprilaire offers a full line of comfort accessories to improve the quality of air through out your home. Ask your heating/cooling contractor about other best-in-class innovations designed for quality, performance & reliability.



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