

Elite Series Model 570 Humidifier

Breathe Healthier

Control Indoor Humidity.

Installing a GeneralAire® Whole House Humidifier can reduce allergy and asthma symptoms, minimize risk of infection, protect valuables (such as furniture, woodwork and musical instruments) **and** save you money.



How the 570 Works:

Your furnace sends warm air through the unit, evaporating water within. Moistened air is then delivered throughout your home via your home's duct system to keep your air healthy.

Install a humidifier in your home to:

Protect your family's health:

Low humidity is where viruses can thrive and cause your throat and nasal passages to dry. This leads to nose bleeds, increased risk of infection, colds, flu and other respiratory ailments. Dry air can trigger asthma and allergy symptoms. Air that's too dry causes dry/itchy/cracked skin.

Protect your valuables:

Dry air in your home can cause expensive artwork, wood flooring, cabinets, furniture and musical instruments to crack. Dry air increases annoying static shocks that can damage electronics.

Save Money:

Since dry air can cause woodwork to crack, resulting gaps in windows & doors let cold outside air in. In addition, dry air feels colder. Take the chill out with a 570. Turn your thermostat down and save money.



GeneralAire® climate control technology helps you enjoy a healthier, more comfortable home



Air quality is only a concern outdoors, isn't it?

Not True! The air inside your home can be even more of a concern to your health and comfort, especially in winter.

When cold, dry air enters your home and is warmed to room temperature, the relative humidity can drop to as little as 5%. Compare that to the average 25% relative humidity of the Sahara Desert and you can understand why the air inside your home can seriously affect your health and comfort. Since various studies have estimated that most people spend as much as 90% of their time at home indoors, there's reason to be concerned about indoor air quality.

How does humidity AFFECT my comfort?

Since the air in your home is always trying to reach its saturation point, it will absorb water wherever it's found. That means it is stealing moisture from the bodies of you and your children, your pets, your furniture and even your house plants. By giving up moisture to the air, your skin, throat and nasal passages dry out and crack, leading to various physical discomforts. That's why many doctors recommend humidifiers for allergy and asthma sufferers.

Research has shown that 30% to 60% relative humidity is ideal. Outside this range, bacteria fungi, viruses and mites thrive and multiply. As these creatures increase in number, so does your risk of being adversely affected.

Are there any other BENEFITS to properly conditioned air?

Yes! It can help you save energy! Warm, humid summer air feels hotter because of the moisture it contains. That same principle applies to your home in the winter. By keeping the relative humidity inside your home at an ideal level, you can turn your thermostat down a few degrees and still feel comfortable. Dialing down your thermostat just three degrees can reduce your heating bill by as much as 5%.

Expected Humidity Performance. Coverage in Sq. Ft. based on infiltration rates (Air Changes/Hour) assuming total 8 hour avg. furnace run time in 24 hour period.

Series Model No.	GPD	Loose (.75ACH)	Average (.50ACH)	Tight (.30ACH)
570	12	800	1200	2000
900	17	1115	1650	2800
1000	18	1175	1770	3000

Humidifier Performance Baseline Criteria:

Outside Design Temp	0°F
Outside Design RH	70%
Inside Design Temp	70°F
Inside Design RH	30%
Ceiling Height	8Ft.
Plenum Temp	120°F

Test results derived from cold water supply application.



Model 570DMM Elite Series Humidifier

INCLUDES ALL PARTS FOR A COLD WATER INSTALLATION

- **MHX3** Select-Control Manual Humidistat is included.
- Bypass humidifier mounts easily on the warm air plenum and delivers 12 GPD.
- Replacement Vapor Pad® number GA10.
- A portion of the heated air from the furnace passes through a water-soaked Vapor Pad® where it absorbs additional moisture and then returns for distribution throughout your home.
- Water is metered into a patented KineticFlo™ trough and uniformly dispersed across the Vapor Pad®. Unevaporated water drains from the bottom of the unit to eliminate mineral build-up.

Specifications

Unit Size: 11 7/8" Wide X 13 3/8" High X 9.5" Deep

Plenum Opening: 8 3/4" Wide X 9.5" High or X 9 1/4" Wide X 9 1/2" High

Bypass Duct: 6" Diameter

Model 570DMD Elite Series Humidifier



Parts Included:

- Same as above except for the humidistat



- GFX3 Digital Humidistat that features a manual or automatic mode with an outdoor sensor.



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