

**Protection
Comfort
Health**



Elite **Whole-House Humidifiers**

The Solution for Eliminating Dry Indoor Air!

GENERALAire
Fresh Indoor Air Quality

Elegant Styling designed to deliver precise humidification comfort.

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 the winter.

When cold, dry air enters your home and is warmed to room temperature, the relative humidity in the average house 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% – 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 than it actually is 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%.



Automatic Digital Display Models for your Home

The GeneralAire Elite Series Humidifiers are the very first design to offer an automatic digital display humidistat. The GFX3

Humidistat allows you to take control and fine tune your humidity for improved comfort in your home.



18 GPD

Specifications

- Unit Size
16" w x 16-1/2" h x 10" d
- Plenum Opening
14" wide x 12" high

Model Elite 1000A is a Fan Powered Humidifier that mounts on your furnace distribution system. The integral fan pulls heated air from your furnace and draws that air across a highly evaporative Vapor Pad®. At this point, humidity is absorbed into your air and distributed into the home for improved comfort during those winter months in homes up to 3000 sq. ft.**

Replacement Vapor Pad® GA19 or 990-13*



17 GPD

Specifications

- Unit Size
12" w x 16-1/2" h x 10" d
- Plenum Opening
8-3/4" w x 12" h
- Bypass Duct
6" diameter

Model Elite 900A is a Bypass Design Humidifier incorporating an integral humidity control damper that allows air to pass through a highly efficient Vapor Pad® where moisture is absorbed into your heating system to effectively humidify your home. The 900A is a 17 GPD high output capacity perfect for homes up to 2800 sq. ft.**

Replacement Vapor Pad® GA19 or 990-13*



12 GPD

Specifications

- Unit Size
11-7/8" w x 13-3/8" h x 9-1/2" d
- Plenum Opening
8-3/4" w x 9.5" h
- Bypass Duct
6" diameter

Model Elite 570A is a Bypass Design Humidifier incorporating an integral humidity control damper. The hot air from your furnace is bypassed through a Vapor Pad® where moisture is evaporated and absorbed into the airflow of your heating system. This economical design will provide comfort as it humidifies your home. The 570A is an option designed for homes up to 2000 sq. ft.**

Replacement Vapor Pad® GA10*





Unique Features Like No Other!

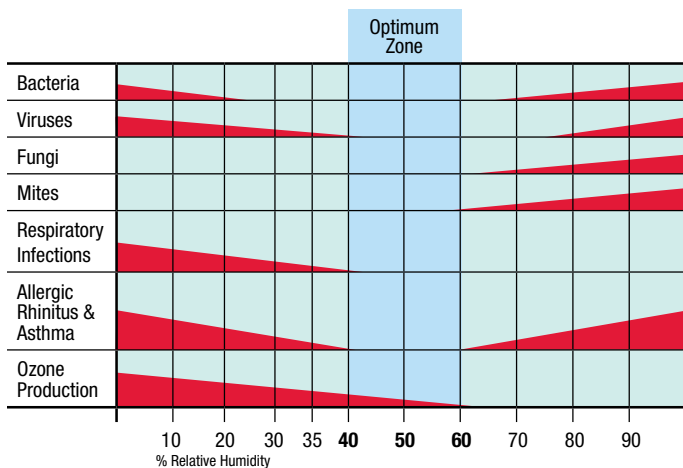
Every GeneralAire Elite Flow-Through Humidifier features the patented KineticFlo® water distribution trough system. The KineticFlo® design assures that every square inch of the VaporPad® surface area is covered yielding top evaporative efficiency.

All GeneralAire Elite Flow-Through Humidifiers are manufactured with DuraPlast®. DuraPlast® is an ultra-violet stable automotive grade plastic ensuring a durable quality design you come to expect.

Humidity Control For Your Comfort, Health and Protection

Research has shown that 35% to 60% relative humidity is ideal for today's homes.

Outside this range, bacteria, fungi, viruses and mites thrive. Proper relative humidity provides a comfortable environment for your woodwork, your furniture, your plants, your pets and especially you and your family.



Select-Control Manual Models for your Home!

The GeneralAire Elite Series Humidifiers offer the convenience for you to select and control your comfort set point in your home. The Select-Control M3 Manual Humidistat gives you the reliability you depend on for quality comfort control.



- Specifications** **18 GPD**
- Unit Size 16" w x 16-1/2" h x 10" d
 - Plenum Opening 14" wide x 12" high

Model Elite 1000M is a Fan Powered Humidifier that mounts on your furnace distribution system. The integral fan pulls heated air from your furnace and draws that air across a highly evaporative Vapor Pad®. At this point, humidity is absorbed into your air and distributed into the home for improved comfort during those winter months in homes up to 3000 sq. ft.**

Replacement Vapor Pad® GA19 or 990-13*



- Specifications** **17 GPD**
- Unit Size 12" w x 16-1/2" h x 10" d
 - Plenum Opening 8-3/4" w x 12" h
 - Bypass Duct 6" diameter

Model Elite 900M is a Bypass Design Humidifier incorporating an integral humidity control damper that allows air to pass through a highly efficient Vapor Pad® where moisture is absorbed into your heating system to effectively humidify your home. The 900M is a 17 GPD high output capacity perfect for homes up to 2800 sq. ft.**

Replacement Vapor Pad® GA19 or 990-13*



- Specifications** **12 GPD**
- Unit Size 11-7/8" w x 13-3/8" h x 9-1/2" d
 - Plenum Opening 8-3/4" w x 9.5" h
 - Bypass Duct 6" diameter

Model Elite 570M is a Bypass Design Humidifier incorporating an integral humidity control damper. The hot air from your furnace is bypassed through a Vapor Pad® where moisture is evaporated and absorbed into the airflow of your heating system. This economical design will provide comfort as it humidifies your home. The 570M is an option designed for homes up to 2000 sq. ft.**

Replacement Vapor Pad® GA10*



*Remember to replace your humidifier's VaporPad® at least once a year for proper humidity output, optimizing your indoor comfort.



Humidity Load and Your Home!

Humidification is necessary to protect and stabilize wood floors, trim, cabinets, and other furnishings in your home. A humidity load for your home is crucial to meet proper expectations of performance for your new humidifier. Gallons Per Day (GPD) is based on performance output at 120 degree air temperature, 24 hours continuous per day. One must estimate the run cycle time of their furnace. Then determine actual output any humidifier may deliver to meet your home's humidity load requirements.

How much Humidity is right?

Calculate the total cubic feet of house

	Total Square Footage
X	Average Ceiling Height
X	Factor from Table
X	1.05 for each Fireplace
<hr/>	
	Humidity Load in lbs./hour
X	2.88 convert to gallons/day
<hr/>	
	Gallons per Day Humidity Load

**Expected Humidity Performance Coverage in Square Feet based on Construction

Model #	GPD	Loose (.75ACH)	Average (.50ACH)	Tight (.30ACH)
570A/M	12	800	1200	2000
900A/M	17	1115	1650	2800
1000A/M	18	1175	1770	3000

Humidifier Performance Baseline Criteria

Outside Design Temp	0° F	Air Changes /Hr (ACH)	0.3
Outside Design RH	70°	Ceiling Height	8ft
Inside Design Temp	70° F	Plenum Temp	120° F
Inside Design RH	30%		

*Based on .5 air changes per hour infiltration rate.

*Infiltration rates vary and affect humidity load. Poorly insulated homes may require additional humidification. Contact your local heating contractor for a consultation.



CodeValve included with Automatic Elite Flow -Through models only.

What is the Code Valve?

Elite Automatic Flow-Through Humidifier Models include the Code Valve. What is the Code Valve? The GeneralAire Code Valve (GCV3412) is a fast and easy way to meet local plumbing codes requiring a solder type ball valve for water supplies to humidifiers, icemakers, fountains, and other water consuming appliances. The ball valve design will provide many years of reliable service versus the traditional standard piercing tap valve.

Featuring State of the Art On Demand Humidity for your Home!

GeneralAire Elite Steam Humidifiers deliver Pure, Sterile Steam!

The most effective way to preserve your valuables, add comfort and leave you with a healthier home.



RS15P/RS25
*Shown with cover



DS15P/DS25
*Shown without cover
Kit Selection Required



Remote Blower Kit



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