

# Model 900 (A,M)

Elite Series Humidifier  
Residential Whole-House (GFI #5720 & #5725)

## *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 900 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.

Details inside or go to: [www.generalfilters.com/model900](http://www.generalfilters.com/model900)

### 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 an 900. Turn your thermostat down and save money.

Manufacturers of Whole House Residential Indoor Air Quality Products.  
Humidifiers - Dehumidifiers - Air Cleaners - UV Air Purifiers - Heat/Energy Recovery Ventilators

[www.generalfilters.com](http://www.generalfilters.com)



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## Why Whole-House Humidification Vs Portable Room Units?

See the top reasons below why a whole-house humidifier is a better option for your home than a portable room unit:

	<b>GeneralAire® Model 900 Whole House Humidifier</b>	<b>Portable Humidifier Units</b>
<b>Controls humidity in every room of your house</b>	Yes. You will benefit from proper humidification throughout your home.	No. You'll need to purchase a unit for every room in your house.
<b>Quiet Operation</b>	Yes. Your system will be so quiet you'll forget it's there.	No. Portable units are noisy and take up space in your rooms.
<b>Minimal Maintenance</b>	Yes. Maintenance is only one time per year!	No. You'll need to constantly be re-filling and cleaning water pans.

## Selecting a Humidifier

Considerations for selecting a whole house humidifier can include:

1. Size of your home
2. Number Of HVAC systems in your home
3. Type of humidification preferred
4. Maintenance requirements
5. Age of your home
6. Your climate
7. Cost to operate
8. Home building / woodwork projects

We recommend speaking with a licensed contractor for assistance with your humidifier selection and installation. Use our "Find a Contractor" tool on [www.generalfilters.com](http://www.generalfilters.com) for a list of contractors in your area.

## Ideal Humidity Level

Research has shown that 40% to 60% relative humidity provides a comfortable and healthy environment for your woodwork, furniture, plants, your pets and especially you and your family.

## How Much Humidity Do I Need?

### Calculate the Total Cubic Feet of Home

Total Home Square Footage X Average Ceiling Height  
(Include the basement)

### Calculate the Load (lbs/hr)

Total Cubic Feet X Desired Condition Factor  
(Table Below)  
X 1.05 For Each Fireplace

### Calculate Gallons Per Day (GPD)

Gallons Per Day = Load (lbs/hr) X 2.88

Indoor Air Temp °F	Indoor RH%			
	35%	40%	45%	50%
68	0.00015	0.00018	0.00021	0.00024
70	0.00017	0.00020	0.00023	0.00026
72	0.00019	0.00022	0.00025	0.00028



Use the Humidification Calculator on our website to assist you in selecting the right humidifier for your home.

[www.generalfilters.com/humiditycalculator](http://www.generalfilters.com/humiditycalculator)

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### Quiet Operation

- You'll forget it's there!

### Water Drain Tube

- Water automatically drains from your humidifier.

### 24 Volt Low Voltage Wiring

### Included MHX3C Manual Humidistat

Included with Manual (M) Models



### Easy-to-Use Dial

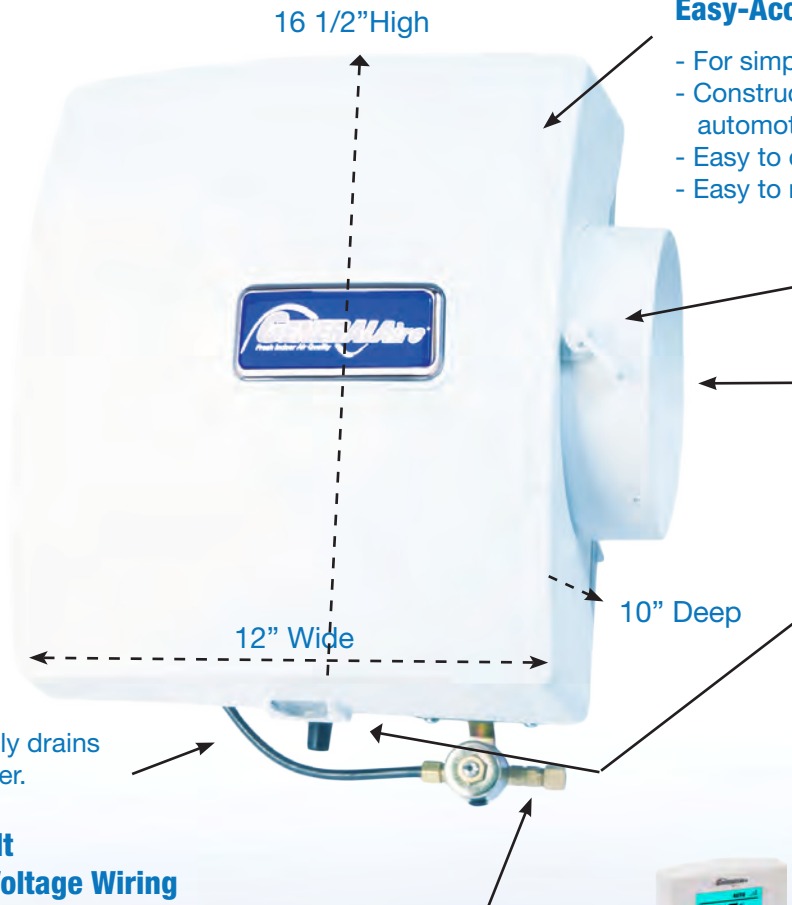
Simply turn the dial to the desired humidity level for your comfort.

Mount on Wall or Duct.

### Contemporary Design

## Maintenance

Maintenance of your new GeneralAire® 900 Elite Series Flow Through Humidifier is minimal. To ensure peak performance and reliable operation, simply change your Vapor Pad® once per year! Go to [www.generalfilters.com](http://www.generalfilters.com) / support center / video library to view a video demonstrating how to change your Vapor Pad®.



16 1/2" High

12" Wide

10" Deep

### Easy-Access Lift-Off Cover

- For simple Vapor Pad® replacement and maintenance
- Constructed with DuraPlast®; an ultra-violet stable automotive-grade plastic for long-lasting durability.
- Easy to clean
- Easy to remove. No tools needed.

### Damper Control

- Open during use.

### Bypass Duct

- Can be mounted to the left or right.

### Cover Release Tab (One on Top Also)

- To remove cover: gently release tab at bottom of unit, pull cover away and lift off top tab. To replace cover: Hang first on top tab, hear bottom tab "click" in place when fully engaged.

### Water Intake Valve

- Water is automatically distributed throughout the Vapor Pad®.

### Included

### GFX3 Automatic Humidistat

Included with Automatic (A) Models

- Outdoor Sensor Included
- Can Be Used In Automatic
- Or Manual Mode
- Easy To Read Digital Backlit Display
- Easy To Install
- Extremely Accurate
- Wall Or Duct Mount
- Contemporary Design




Date of Installation: \_\_\_\_\_

Contractor's Contact Information:

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## Elite Series Humidifier Residential Whole-House (GFI #5720 & #5725)

Model 900 Specifications	
Gallons Per Day	17
Home Size	Up to 2,800 Sq. Ft.
Type	Flow Through Vapor Pad®
Unit Dimensions	12" W x 16 1/2" H x 10" D
Weight	8 Lbs.
Bypass Duct	6"
Plenum Opening	8 3/4" W x 12" H
Operation	Water Evaporation Via Furnace Heat
Valve	A Models Include GCV3412 Code Valve; M Models Feature a Saddle Valve
Vapor Pad®	GA19 (GFI#7919) or 990-13 (GFI #7002) (Replace Once Per Year)
Pallet Quantity	30
Mounting	Warm Air or Return Air Duct
Warranty	Ten Years 

900 Performance Baseline Criteria	
Outside Design Temp	0° F (-18° C)
Outside Design RH	70%
Inside Design Temp	70° F (21° C)
Inside Design RH	30%
Ceiling Height	8'
Plenum Temperature	120° F (49° C)
Loose (.75 ACH)	1115 Sq. Ft.
Average (.50 ACH)	1650 Sq. Ft.
Tight (.30 ACH)	2800 Sq. Ft.
<ul style="list-style-type: none"> <li>• Test results are from cold water application</li> <li>• GPD shown is at 120° Plenum Temperature</li> <li>• Performance assumes 8 hour average furnace run time in 24-hour period.</li> </ul>	

### Inside the Box

- Model Elite 900 Flow Through Humidifier
- Warranty Card
- Installation Manual
- Instructional Template
- Vapor Pad® (Inside Unit)
- GCV Code Valve (A Units Only)
- 24 Volt Transformer
- Humidistat:
  - GFX3 - A / Automatic Units
  - MHX3 - M / Manual Units
- Parts Bag



Purchase replacement parts from your local wholesaler, a licensed contractor or from our website:  
[www.generalfilters.com/shop-iaq-parts.html](http://www.generalfilters.com/shop-iaq-parts.html)



[www.generalfilters.com](http://www.generalfilters.com)



Our Other Brands



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