

Products that let you
breathe
a little easier®

Is Air Quality Only a Concern OUTDOORS?

No! The air inside your home can be even more of a concern, especially in 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%; even lower than the average 25% relative humidity of the Sahara Desert! With studies estimating we spend as much as 90% of our time indoors, there's reason to be concerned about indoor air quality.

How Does Humidity Affect COMFORT?

The air in your home always tries to reach its saturation point; absorbing water from the bodies of you, your children, pets, furniture and house plants. As a result your throat and nasal passages dry out, leaving you more susceptible to physical discomfort, colds, flu and even infection. That's why many doctors recommend humidifiers for allergy and asthma sufferers. Additionally,

research has shown that outside the ideal 30% – 60% relative humidity bacteria, fungi, viruses and mites thrive and multiply; along with your risk of being adversely affected.

Are There Other BENEFITS To Properly Conditioned Air?

Yes! Warm, humid summer air feels hotter than it actually is because of the moisture it contains. Dry winter air makes you feel colder, causing you to turn up the heat. Additionally, dry air shrinks window framing, causing gaps that allow cold outdoor air to enter your home. By keeping the relative humidity inside your home at an ideal level, you can turn your thermostat down, be more energy efficient and still feel comfortable. Dialing down your thermostat just three degrees can reduce your heating bill up to 5%.

What is "RELATIVE HUMIDITY"?

Relative humidity refers to the amount of moisture the air is capable of holding, expressed as a percentage. This means that if the relative humidity of the air inside your home is 5%, the air has the capacity to hold 20 times more moisture than it contains. If the relative humidity is 100%, then the air is completely saturated. Air will continue to add moisture (humidity) until it reaches its saturation point. Temperature affects relative humidity, as warm air can hold more moisture than cold air. In the winter, when 30° outdoor air with a relative humidity of 50% enters your home and is heated to 70°, its relative humidity plunges to just 12%! Without supplemental moisture your home quickly becomes "bone dry." GeneralAire® Humidifiers help you to achieve the health and comfort benefits you seek.

GeneralAire®

Humidity requirements in GPD (Gallons Per Day) based on house size and type of construction

Type of Construction	Size of house (sq. ft.) Based on 8' Ceiling Height					
	500	1000	1500	2000	2500	3000
Tight	2.1	4.2	6.4	8.5	10.6	12.7
Average	3.3	6.5	9.8	13.1	16.3	19.6
Loose	4.6	9.2	13.8	18.4	23.0	27.6

Humidity based on a 70°F-30% relative humidity indoor conditions using ARI Guideline F Humidity Load Determination Method.

Model No.	GPD*	Loose	Average	Tight
1099LHS	23.0	2500	3538	5476
1137	21.3	2352	3277	5071
1042LH	19.2	2086	2964	4571

*GPD shown is a 140° plenum temperature. Based on 8' Ceiling Height. Square footage may be adjusted for other plenum temperatures.

More GeneralAire® Legacy Humidifiers



SL16

- GFI #5000
- Flow Through
- 19 GPD
- For homes up to 2,800 Sq. Ft.
- 6" Bypass
- 990-13 Repl. Vapor Pad
- GFI #7002 Replace 1x/Year

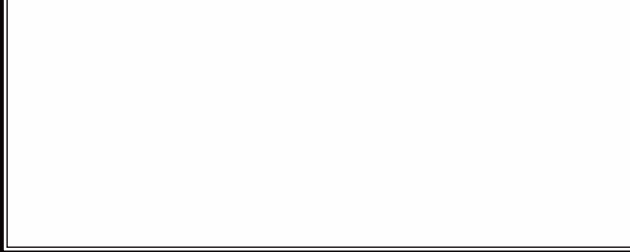


81

- GFI #5048
- Reservoir Drum
- 18GPD
- For homes up To 2,800 Sq. Ft.
- M3 Humidistat Incl.
- 81-15 Repl. Vapor Pad
- GFI #7099 Replace 1x/Year

New & Improved Pad Coating!

Dealer Imprint



- Purchase replacement parts at your local dealer or online: www.parts.generalair.com.
- Visit www.generalair.com (Click on "Literature") to download GeneralAire® brochures, installation & owner's manuals and product guides.
- Watch, Tweet, Follow & Like Us!



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Our Other Brands:

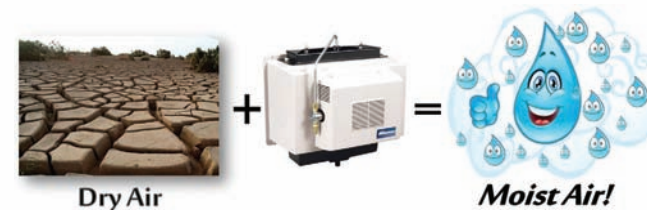


1/2012 GFI / JPF

Subject to change without notice.



Legacy Series Humidifiers



Dry Air

Moist Air!



GENERALAire® Legacy Humidifier Models

Fresh Indoor Air Quality

A portion of the heated air from the furnace passes through a water-soaked VaporPad® where it absorbs additional moisture and then returns for distribution throughout your home. Water is metered into a patented Kineticflo® trough and dispersed uniformly across the VaporPad®. Unevaporated water drains from the bottom of the unit to eliminate mineral build-up.

GeneralAire® Model 1137 Humidifier

- GFI #5137
- The GeneralAire® 1137, a fan-powered unit delivers 21.3 GPD.
- For homes to 3,000 Sq. Ft.
- Mounts easily on the warm-air plenum.
- Replacement VaporPad®: part number 990-13 (GFI #7002). Replace 1X/Year.
- M3 Select-Control Manual Humidistat included.
- 5 year limited warranty.
- 16" x 14" x 10".



GeneralAire® Model 1099LHS Humidifier

- GFI #5015
- The GeneralAire® 1099LHS is our highest capacity model, delivering 23 GPD.
- For homes to 3,000 Sq. Ft.
- Replacement VaporPad®: part numbers GA23 (GFI #7923) or 1099-20 (GFI #7047). Replace 1X/Year.
- M3 Select-Control Manual Humidistat included.
- 5 year limited warranty.
- 16" x 16" x 11".



GeneralAire® Model 1042LH Humidifier

- GFI #5144
- The GeneralAire® 1042LH is a highly efficient flow-through unit that delivers 19.2 GPD.
- For homes to 2,800 Sq. Ft.
- Replacement VaporPad®: part number 990-13 (GFI #7002) Replace 1X/Year.
- Ideal for Add-on/Replacement and new home installations.
- M3 Select-Control Manual Humidistat included.
- 5 year limited warranty.
- 15" x 11 1/2" x 9".



Included With Your Legacy Humidifier

The **NEW!** GeneralAire® M3 Select-Control Manual Humidistat (GFI #7057)

- GFI #7057
- Duct Mount.
- Manual Operation.
- Contemporary Design.
- Low Voltage.



GeneralAire® Humidifier Accessory Options

The GeneralAire® GFX3 Digital Humidistat Features:

- GFI #7050
- Automatic or Manual Control - Your choice with Included Outdoor Sensor.
- LCD Backlit Readout (Easy to read / understand).
- 10 Humidity Settings.
- Calibrate to match existing appliances in your home.
- Wall or Duct Mount.
- Extremely Accurate.
- Easy to Use.
- Contemporary Appearance!
- Built to Last!
- Extend Outdoor Sensor up to 200'
- Humidity Range from 10% to 75% (Great for humidors, wine cellars or older turn-of-the century homes alike!).
- No special wiring required to install! Use any wire and the GFX3 will perform as promised!



GeneralAire® Humidifier Accessory Options

The GeneralAire® G-98 Indoor Humidity / Temperature Gage

- GFI #7024
- Hand held or wall mounted.
- Solid state sensing of household temperature and humidity.
- Minimum and maximum reading stored, Celsius or Fahrenheit.
- Batteries not included.



VaporPad®

- Coated with a non-soluble wetting agent (Volclay) to increase humidifier efficiency.
- Water flows across the VaporPad® and infuses moisture into your air. Over time, minerals will collect on the VaporPad®, thus reducing its effectiveness.
- The VaporPad® will need to be replaced after a complete heating season (annual replacement interval recommended).



Vapor Pads
GA12, GA35 & GA10
GFI #7901 #7902 #7900



Vapor Pads
GA19 & GA23
GFI #7919 #7923



Vapor Pads
1099-20 & 990-13
GFI #7047 #7002
**New & Improved
Pad Coating!**

Diagnostic Instruments



35662-30 EZTestr11
Conductivity Tester
GFI # 7066

610 Digital
Thermohygrometer
GFI #7065
Measures:
Temperature
Humidity Level



GeneralAire® also offers Elite Steam and Elite Flow-Through Humidifier Model Options. Go to www.generalair.com to learn more.

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