

# Model 1137

Legacy Series Humidifier  
Residential Whole-House (GFI #5137)

**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 1137 Works:

A fan inside your GeneralAire® 1137 Elite Series Flow Through Humidifier pulls warm air from your furnace through the water-soaked Vapor Pad®, where it absorbs additional moisture. The moistened air then returns for distribution throughout your home via your home's duct system.

Details inside or go to: [www.generalfilters.com/model1137](http://www.generalfilters.com/model1137)

### 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 1137. 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 1137 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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## Legacy Series Humidifier Residential Whole-House (GFI #5137)

### Quiet Operation

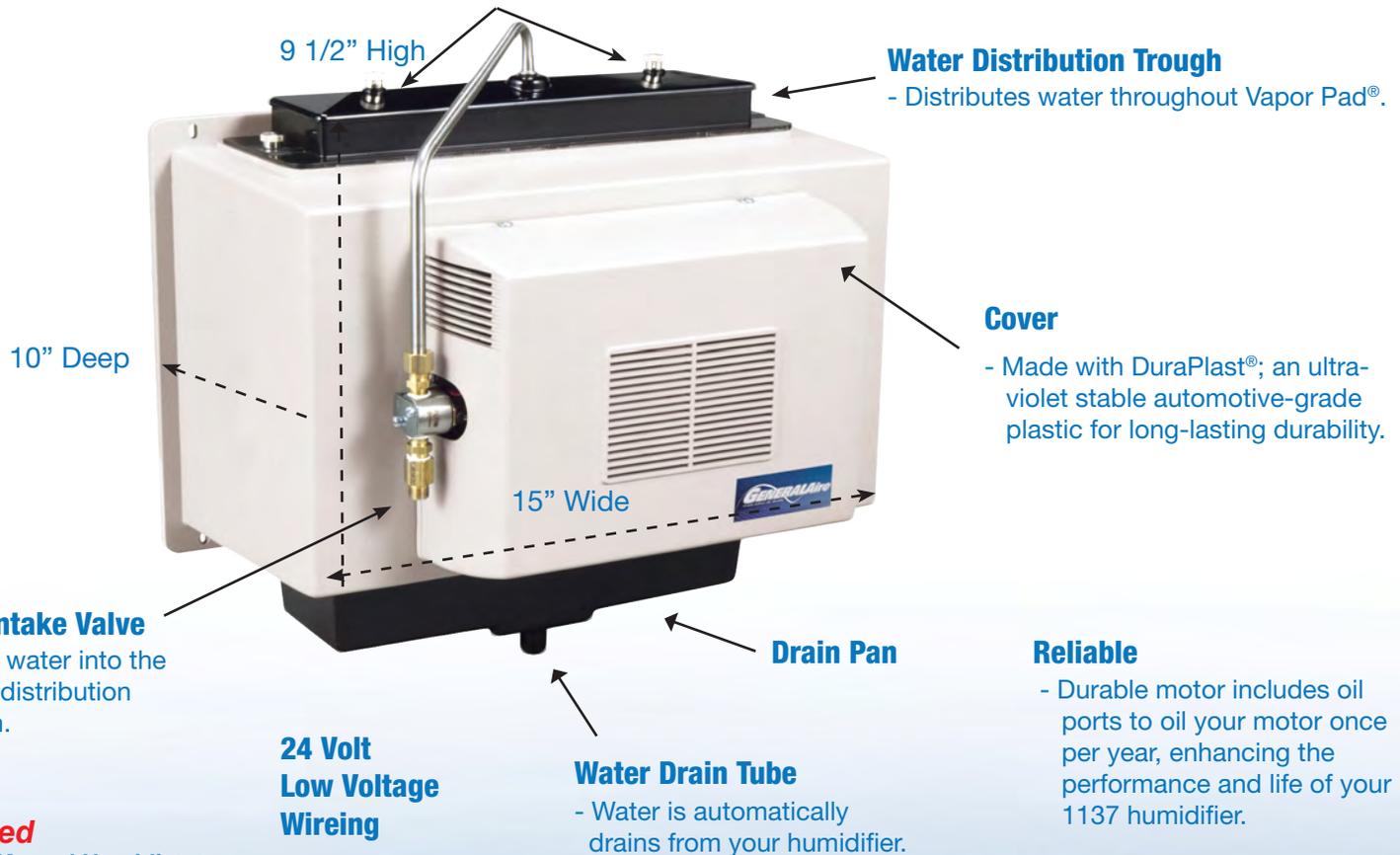
- You'll forget it's there!

### Cover Removal Screws

- Remove screws, lift off water distribution tube and trough to replace Vapor Pad®.

### Optimal Installation Option

- Mounts on warm air plenum for maximum humidification results.



### Water Distribution Trough

- Distributes water throughout Vapor Pad®.

### Cover

- Made with DuraPlast®, an ultra-violet stable automotive-grade plastic for long-lasting durability.

### Water Intake Valve

- Brings water into the water distribution trough.

### Drain Pan

### Reliable

- Durable motor includes oil ports to oil your motor once per year, enhancing the performance and life of your 1137 humidifier.

### 24 Volt Low Voltage Wiring

### Water Drain Tube

- Water is automatically drains from your humidifier.

### Included

**MHX3C Manual Humidistat**  
Included with Your 1137

### 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® 1137 Legacy 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 watch a video demonstrating how to perform maintenance on your 1137.

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

**Contractor's Contact Information:**

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## Legacy Series Humidifier Residential Whole-House (GFI #5137)

Model 1137 Specifications	
Gallons Per Day	18
Home Size	Up to 3,000 Sq. Ft.
Type	Flow Through Vapor Pad®
Unit Dimensions	16" W x 14" H x 10" D
Weight	13 Lbs.
Plenum Opening	15" W x 9 1/2" H
Operation	Water Evaporation Via Furnace Heat & Fan
Valve	Saddle Valve & Solenoid Valve
Vapor Pad®	990-13 GFI # 7002 (Replace Once Per Year)
Pallet Quantity	30
Mounting	Warm Air Plenum
Warranty	Five Years 

1137 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)	1175 Sq. Ft.
Average (.50 ACH)	1770 Sq. Ft.
Tight (.30 ACH)	3000 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>	

Series Model No.	GPD	House Construction Quality		
		Loose (.75ACH)	Average (.50ACH)	Tight (.30ACH)
1042LH	17	800	1500	2800
1099LHS	19	1175	1770	3000
1137	18	1175	1770	3000
SL16	17	800	1500	2800

### Inside the Box

- Model 1137 Legacy Humidifier
- Warranty Card
- Installation Manual
- Duct Cutout Template
- Evaporator Pad
- Humidistat Wire
- 15' 5/8" Diameter Drain Hose
- Water Tube Kit
- Metal Distributor Tube
- Parts Bag With Sheet Metal Screws & Saddle Valve
- Power Supply Cord
- Drain Pan
- Water Distribution Trough
- MHX3 Manual Control, Duct Mount Humidistat. (Order part number #7053 to mount on wall.)



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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