

Legacy Series

Model 1042

Humidifier



Products that let you
breathe
a little easier

Take Control ***of your Comfort and your Health***

We spend most of our days indoors. It is important to control the indoor relative humidity to maintain a comfortable and healthy indoor air environment.

Very low humidity in your home can result in dry, itchy skin or dry sinuses and nose. Dry skin can crack and peel and will look unattractive and can lead to infections. Dry noses and sinuses may lead to a clogging or swelling and closing of the air passages and cause breathing difficulty at night.

Choosing a GeneralAire Humidifier will improve your comfort indoors and maintain a healthy environment so you can breathe a little easier.





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%.

***Expected Humidity Performance Coverage in Square Feet based on infiltration rates (Air Changes/Hour) assuming total 8 hour average furnace run time in 24 hour period.**

Series Model No.	Loose (.75ACH)	Average (.50ACH)	Tight (.30ACH)
1042	800	1200	2000
1099	1285	1925	3225
1137	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
Cold Water Supply	62°F

Test results derived from coldwater supply application.



Model 1042 LH
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- M3 Select-Control Manual Humidistat is included.
- A highly efficient flow-through unit that delivers 19.2 GPD.
- Replacement evaporator pad number 990-13.
- 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
15" wide x 11-1/2" high x 9" deep

Plenum Opening
10-1/4" wide x 9-1/2" high

Bypass Duct
6" diameter (collar supplied)

