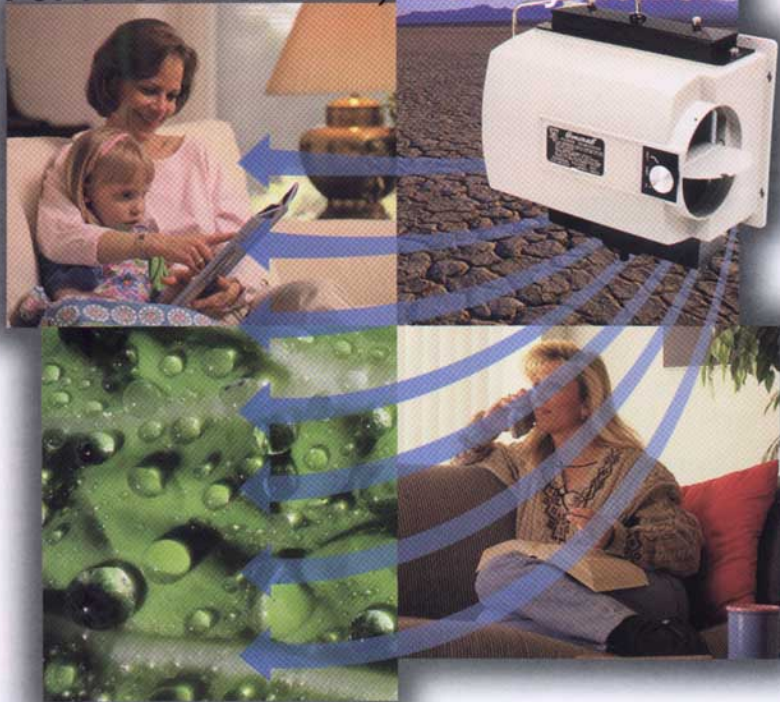


YOU NEED *HUMIDIFIED AIR...*

For A Comfortable, Healthy Home.



YOU NEED...

GENERAL*Aire*

RESIDENTIAL AIR TREATMENT PRODUCTS

GENERALAire Climate Control Technology Help

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.



What is "RELATIVE HUMIDITY" anyway?

Relative humidity refers to the actual amount of moisture in the air expressed as a percentage of the amount of moisture the air is capable of holding.

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 with moisture. It's important to note that air will continue to add moisture (humidity) until it reaches its saturation point.

Temperature affects relative humidity, too. 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."

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.



How relative humidity affects air quality

