



# WEATHERMAKER® 8000VS – 58CVA/58CVX

WITH COMFORTHEAT™ TECHNOLOGY AND IDEALHUMIDITY™



*IdealHumidity*  
SYSTEM™

An Integral Part of  
Carrier's **Exclusive**  
IdealHumidity™  
System



*ComfortHeat*  
TECHNOLOGY



One hundred years of innovation.

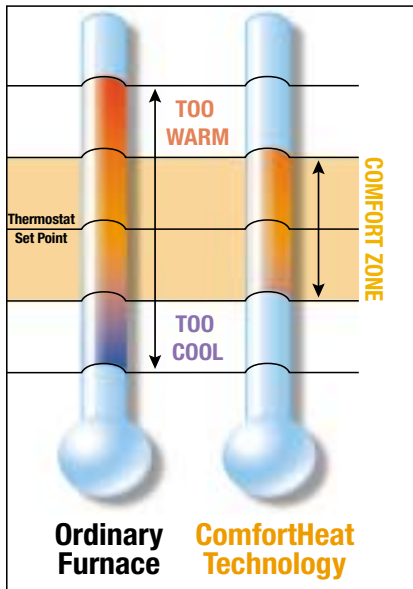
ENJOY THE COMFORT OF CARRIER'S QUIETEST & MOST ADVANCED  
80% EFFICIENT GAS FURNACE

# EXPERIENCE THE PERFORMANCE AND VALUE OF COMFORTHEAT™ TECHNOLOGY.

## COMFORT CONTROL

The WeatherMaker® 8000VS puts superior temperature and humidity control at your fingertips with intelligent electronics and variable speed operation.

Heating your home would be a simple proposition if winter weather would just stay a constant 32° all the time. Unfortunately it's not that easy. Conditions outside are always changing, making it a challenge for your comfort system to keep pace. That's the beauty of the WeatherMaker 8000VS with ComfortHeat Technology and IdealHumidity™.



With most fixed capacity furnaces, temperatures in your home fluctuate quite a bit. ComfortHeat Technology keeps the temperature closer to your thermostat's setting for even, consistent comfort.



The WeatherMaker 8000VS gently circulates heated air for even, consistent distribution of comfort throughout your home.



ComfortHeat Technology tracks the temperature inside and adjusts operation to keep your home consistently comfortable. With its ability to closely match your comfort needs, the WeatherMaker 8000VS offers surprisingly even, energy efficient heating. More than just an outstanding furnace, the WeatherMaker 8000VS is the cornerstone of a complete, indoor weather system with the ability to provide superior temperature and humidity control all year long while delivering significant savings on electricity usage.

The WeatherMaker 8000VS offers low stage heating to gently circulate warm, comfortable air throughout your home.



Standard furnaces operate with full-on, full-off heating cycles. This creates hot and cold spots as hot air rises and cool air falls to the floor.

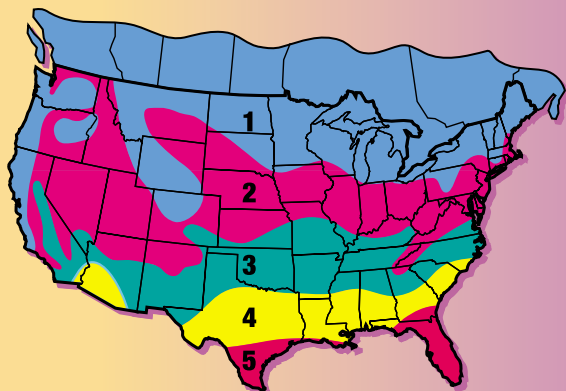
This “low speed” heating cycle operates nearly continuously to maintain your comfort with amazing consistency. Standard furnaces are limited to providing full-on heating, followed by full-off cycles and falling indoor temperatures. This results in up and down temperature swings, hot and cold areas in your home and periods of discomfort.

## ENERGY EFFICIENCY

**Variable speed operation helps the WeatherMaker 8000VS conserve electricity all year long as a part of your complete indoor weather system.** When you add a Carrier air conditioner, the WeatherMaker 8000VS provides gentle and economical airflow during the cooling season. Low fan speed also allows you to run continuous fan all year long while using about the same amount of electricity as a 100-watt light bulb. Offering low fan speed for heating, cooling and continuous fan, this outstanding furnace contributes significant savings in electrical consumption all year long.

# THE WEATHERMAKER® 8000VS PROVIDES EFFICIENT, EXTRA-QUIET COMFORT.

## COST EFFICIENCY



### APPROXIMATE ANNUAL HEATING/COOLING COSTS

		Typical 10+ year old system 65% AFUE with 6 SEER	Ordinary 80% AFUE with 8 SEER	WeatherMaker 8000VS 80% AFUE with 12* SEER
Zone 1	Heating	\$ 1064	\$ 923	\$ 866
	Cooling	258	194	120
	Fan	358	271	32
	<b>Total</b>	<b>1680</b>	<b>1388</b>	<b>1018</b>
Zone 2	Heating	\$ 880	\$ 755	\$ 709
	Cooling	413	310	192
	Fan	362	274	33
	<b>Total</b>	<b>1655</b>	<b>1339</b>	<b>934</b>
Zone 3	Heating	\$ 697	\$ 587	\$ 551
	Cooling	619	464	288
	Fan	361	272	33
	<b>Total</b>	<b>1677</b>	<b>1323</b>	<b>872</b>
Zone 4	Heating	\$ 514	\$ 420	\$ 393
	Cooling	877	656	408
	Fan	353	264	33
	<b>Total</b>	<b>1744</b>	<b>1340</b>	<b>834</b>
Zone 5	Heating	\$ 330	\$ 252	\$ 236
	Cooling	1238	929	576
	Fan	334	246	31
	<b>Total</b>	<b>1902</b>	<b>1427</b>	<b>843</b>

Costs in this table are based on a 50,000 Btuh design heating requirement using an average fuel rate of \$0.626 per therm and a nominal 3-ton air conditioner using an average electric rate of \$0.0867 per kilowatt-hour.

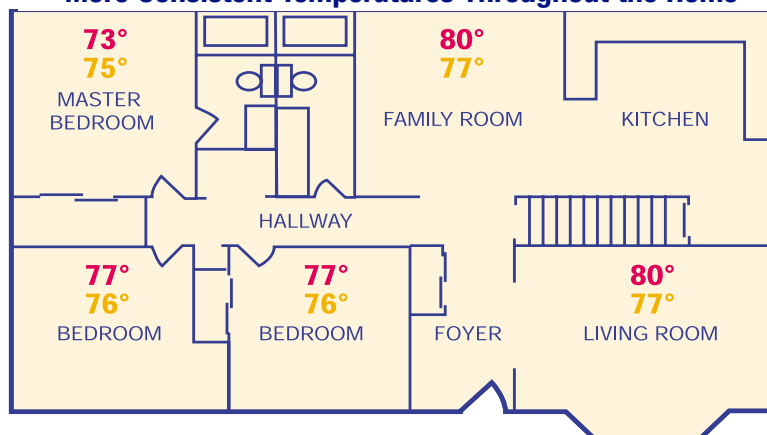
\* A variable speed furnace improves air conditioning efficiency, allowing a 12.0 SEER system to operate as efficiently as a 13.0 SEER system due to the electrical efficiency.

The above calculations are approximations. A more thorough analysis should be done by your dealer.

#### To use this table:

1. Determine the AFUE/SEER of your current system.
2. From the map determine the zone you live in, enter the table and cross reference your zone with the AFUE/SEER of your current system to determine your approximate annual heating/cooling costs.
3. Compare your annual heating/cooling cost to that of a new system with a higher AFUE/SEER.
4. The difference of these two numbers is your estimated annual cost savings.
5. Heating and cooling costs include cycled fan operation. Fan costs are for fans set in ON position to run continuously. Subtract fan cost from total cost if unit is not set up to run continuously.

## More Consistent Temperatures Throughout the Home



Temperature with ordinary system

Temperature with continuous fan

For about \$30 a year in most areas, continuous fan can make temperatures more consistent throughout your home while improving indoor air quality.

## QUIET OPERATION

The WeatherMaker 8000VS is the quietest model of our extra-quiet, 80% AFUE (Annual Fuel Utilization Efficiency) family of furnaces. Our engineers have been doing a lot of testing, and we've found that this model is the quietest 80% furnace in the industry during low-stage heating

where it operates the majority of the time. That's the result of many subtle changes and improvements from previous designs. Quieter burner, inducer and fan operation are three major components of our QuietTech™ system, and three major reasons why you'll enjoy soothing, low-noise comfort.

### Comparative Sound Levels (Sound Pressure Measurements)

Equivalent Number of  
WeatherMaker 8000VS Furnaces



Ordinary  
80%

† Operating in Low Stage Heating

=



WeatherMaker  
8000VS†

To match the sound generated by one ordinary 80% gas furnace, you would have to install approximately seven Carrier WeatherMaker 8000VS gas furnaces in your home. The ultra quiet operation of the Carrier WeatherMaker 8000VS furnace offers enhanced year-round comfort.



# CARRIER EXCLUSIVES MAKE THE WEATHERMAKER® 8000VS TRULY EXCEPTIONAL.

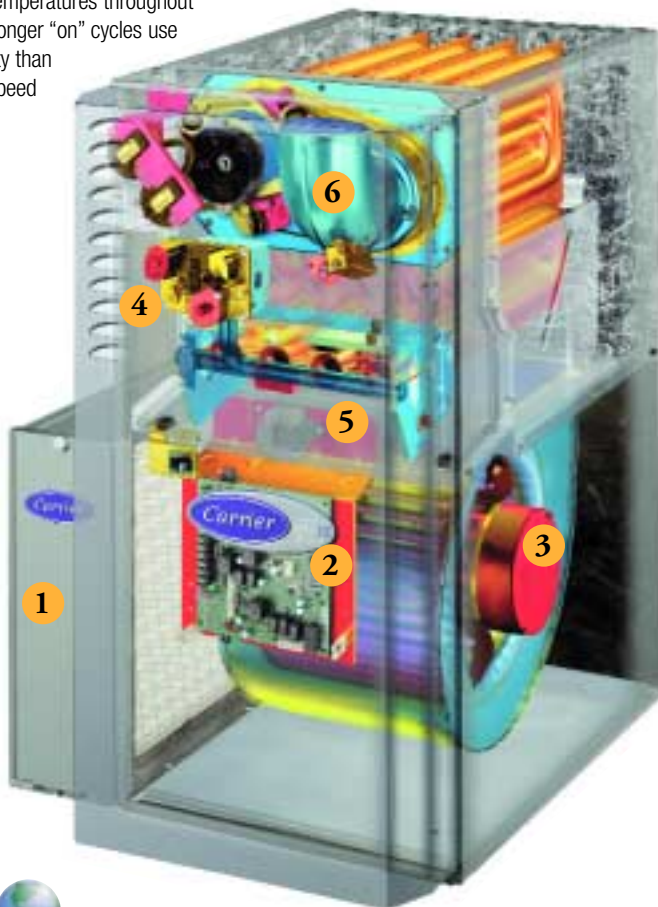
## INNOVATION

We've provided you several great reasons why the WeatherMaker 8000VS is such an outstanding choice for your comfort. Now, we'll give you two more, offered ONLY by Carrier: SmartEvap™ and ComfortFan™. SmartEvap provides extra humidity removal in the cooling season when our optional Thermidistar™ Control is included in your system. This feature recognizes times when moisture builds up on the indoor coil. Fan operation is adjusted to prevent moisture from re-entering your home. SmartEvap can provide an additional 10% of humidity removal compared to a typical system.

ComfortFan lets you control fan speed during continuous fan operation, allowing you to achieve greater comfort without changing temperature settings. By giving you better control over airflow, ComfortFan lets you make adjustments to account for unusually large gatherings in your home, changing weather conditions and more. These two exclusive features, in addition to IdealHumidity™ and ComfortHeat™ Technology, help make the WeatherMaker 8000VS an easy choice for superior comfort.

## TECHNOLOGY

- 1 Enhanced indoor air quality** is made easier with our media filter cabinet, a standard accessory with the WeatherMaker 8000VS gas furnace. When installed as a part of your system, this cabinet allows for the easy and convenient addition of a Carrier high-efficiency air filter. Ask your dealer if the media filter cabinet will work with your specific application.
- 2 Superior temperature and humidity management** are functions of Carrier's intelligent furnace control. Just set the thermostat and let the system work to provide the best combination of comfort and energy efficiency.
- 3 Gentle, nearly continuous airflow** is provided by our variable-speed blower. Low-speed airflow is quieter and provides even, consistent temperatures throughout your home. 40% longer "on" cycles use 60% less electricity than standard, single-speed blowers.
- 4 Comfort and gas efficiency** are two reasons why we include a two-stage gas valve. The two-stage gas valve automatically adjusts between low and high stage heating for optimum performance.
- 5 Super-quiet operation** lets you truly enjoy the comfort of your home. Reduced sound is a combination of many factors, including low-stage operation, as well as reductions in burner, inducer and fan noise.
- 6 Extra safe operation** comes from our exclusive blocked vent safeguard function. Blocked vent safeguard shuts down furnace operation if a common vent is obstructed. This function protects your family against the potential of harmful flue gases escaping into your living area.



## WARRANTY

Carrier takes pride in offering the best indoor weather equipment available. We also take pride in standing behind our work, offering a **twenty-year limited warranty** on the heat exchanger and a **five-year limited warranty** on the entire unit. Ask your Carrier dealer for details on our extended warranty programs as well.



Be sure to ask your Carrier dealer about products that use Puron, the new environmentally sound refrigerant.

# IDEALHUMIDITY™ PROVIDES COMFORT OTHER SYSTEMS CAN'T.

## INDOOR AIR QUALITY

Today's energy-efficient, tightly constructed homes have created a need for better air filtration.

Providing nearly continuous airflow, the WeatherMaker 8000VS enhances your home's air quality by circulating indoor air through the air filter for longer periods of time. For even greater indoor air quality, upgrade to a Carrier electronic air cleaner or high efficiency media filter.

## MOISTURE CONTROL

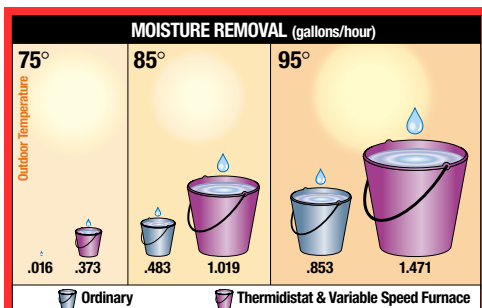
For truly remarkable comfort all year long, the WeatherMaker® 8000VS is the foundation for an IdealHumidity™

System that works all day and all night to control both temperature AND



*IdealHumidity*  
SYSTEM™

humidity. Temperature control is important to your comfort. However, many people don't realize that humidity control can be just as important in creating an ideal indoor atmosphere. Combined with a Carrier air conditioner or heat pump, whole home humidifier, and our patented Thermidstat™ Control or Comfort Zone™, the WeatherMaker 8000VS becomes part of an IdealHumidity System.



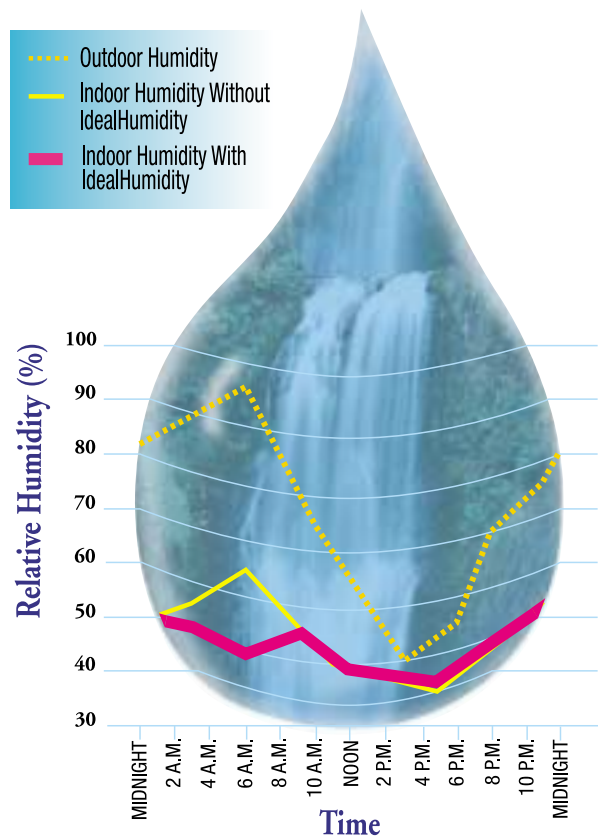
When installed with a Carrier air conditioner and Thermidstat Control, the WeatherMaker 8000VS can remove significantly more moisture than a typical fixed capacity furnace and standard thermostat combination.

## IDEAL CONTROL

All indoor comfort systems provide some humidity control during cooling operation, but IdealHumidity is the only system that can control moisture even when the indoor temperature does not require heating or cooling operation. Why is humidity control so important? Heated air during the winter becomes extra dry. Because dry air *feels* cooler, you'll tend to set your thermostat higher to feel warm.

During the cooling season, high humidity makes you feel warm, sticky and less than comfortable. So, you go to the thermostat and set the system for additional cooling. IdealHumidity monitors temperature and humidity, then automatically adjusts operation as needed to create ideal comfort for your home. Because you'll feel more comfortable all year long with less cooling and less heating, you'll save money with reduced heating and cooling costs.

## IdealHumidity System



Humidity can build up during the night when there is little or no need for cooling. That leaves you feeling "sticky" when you wake up. IdealHumidity controls humidity all day and night, in every season, to better control your comfort.

# CARRIER OFFERS INDOOR WEATHER SOLUTIONS BACKED BY A CENTURY OF EXPERTISE.

## INDOOR WEATHER SYSTEMS

### Humidifier

As part of a total indoor weather system, a Carrier humidifier replenishes moisture to dry, indoor air.

### Evaporator Coil

A Carrier evaporator coil is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service. If replacing your outdoor unit, Carrier recommends replacement of the evaporator coil as well to achieve published SEER ratings and ensure peak performance and reliability.

### Furnace

Carrier offers a complete line of top-quality, high-efficiency gas and oil furnaces. Your local Carrier dealer can recommend the furnace that is right for you.

### Air Cleaner

Carrier air cleaners can substantially improve your indoor air quality by removing harmful and irritating airborne pollutants from your home.

### Air Conditioner

A complete line of Carrier air conditioners provides reliable, high-efficiency cooling for long-lasting comfort and energy savings. Ask your dealer about environmentally sound Carrier air conditioners with Puron® refrigerant.

### Zoning

Comfort zoning allows you to set different temperatures for different areas of your home. Enjoy greater comfort and added energy savings with room-to-room temperature control.

### Comfort Ventilator

A Carrier comfort ventilator adds a breath of fresh air to today's tightly constructed home. It combines fresh outdoor air with conditioned indoor air for improved air and energy exchanges.

### Thermidistat™ Control

A Carrier Thermidistat™ Control is your command center. Precise temperature control and programmable features keep you in touch with your comfort.



## MATCHING COMPONENTS PROVIDE OPTIMUM EFFICIENCY AND COMFORT PERFORMANCE.

- Forced-air systems are usually built around an indoor unit, such as a furnace or a fan coil.
- The outdoor unit, an air conditioner or heat pump, is combined with a furnace or fan coil for year-round comfort.
- Air quality is greatly improved with the addition of an air cleaner, humidifier and a ventilator.
- Precise temperature control comes from a Carrier thermostat matched to your indoor weather system.
- Zoning provides the ultimate in control over your indoor weather system.



## EXPERTISE

Carrier has been on the leading edge of the indoor weather industry since Willis Carrier invented what we now know as air conditioning in 1902. Since that time, Carrier scientists, engineers and dealers have been providing homeowners with the most advanced indoor weather technology available. This

technological advantage has enabled Carrier to create indoor weather systems that match the varying needs of millions of homeowners nationwide.

Today, you can rely on your local Carrier dealer to evaluate your indoor weather needs and suggest a system that fits those precise needs.

By recommending the appropriate furnace, air conditioner, humidifier, air cleaner, ventilator, zoning system and control, your Carrier dealer can offer enhanced comfort while improving the efficiency of your system. Ask your local dealer for a system evaluation today.



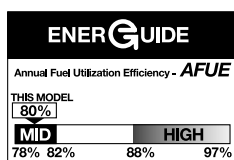
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Stock Symbol UTX.

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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.



Always look for these symbols, the home heating industry seals of certified performance, efficiency and capacity.

