

Ion™ 18 Variable-Speed

HEAT PUMP

YEAR-ROUND INDOOR COMFORT



Ion 18
with SmartSense™ Technology
CVH8





COMFORT WITH CONFIDENCE



When you choose Comfortmaker heating and cooling equipment, it means your home comfort is backed by advanced engineering and quality manufacturing so you can enjoy more important things. Each unit is 100% run tested, and we design our products to give you exceptional quality, energy efficiency and reliability. We deliver products that deliver home comfort you can enjoy with confidence.

WHAT MATTERS IN AN HEAT PUMP?

ENERGY SAVINGS



SEER (Seasonal Energy Efficiency Ratio) measures the cooling efficiency of air conditioners and heat pumps during an average cooling season. EER (Energy Efficiency Ratio) measures cooling efficiency (of an air conditioner and heat pump) during a set temperature (95° F). HSPF (Heating Seasonal Performance Factor) measures the heating efficiency of heat pumps. For each of these ratings, the higher the number, the greater the potential for energy savings. The Ion 18 system heat pump offers ENERGY STAR® qualified performance with efficiencies as high as 19 SEER, 12 EER and 10 HSPF.

CONSISTENT COMFORT



To keep comfort consistent, our CVH8 split system heat pump operates with a multi-speed fan motor and includes SmartSense technology that automatically selects the proper cooling stage and compressor and fan speed as needed. These models better match changing conditions to provide more uniform comfort and higher energy efficiency than standard models.

CONVENIENCE



For the ultimate of comfort, efficiency, and convenience, include the Ion communicating wall control with Wi-Fi® capability in your system.

QUIET OPERATION



Enjoy comfort AND quiet – The Ion 18 heat pump runs much quieter than traditional two-stage units due to nearly continuous stretches of low-stage operation. In addition, the unit's compressor includes a sound jacket for quieter performance.

PEACE OF MIND



Rest easy with a 10-year parts limited warranty upon timely registration. And, our Ion 18 heat pump provides additional peace of mind with our 10-year No Hassle Replacement Limited Warranty™.

ION 18 HEAT PUMP WITH SMARTSENSE TECHNOLOGY

The Ion 18 Heat Pump with SmartSense Technology offers our best heating and cooling comfort. The SmartSense Technology quietly delivers our highest efficiency heating and cooling, enhanced humidity control and even comfort levels, all in a smaller package. When it's installed as part of a complete Ion communicating system, your home will operate at exceptional comfort levels no matter the temperature outside.

Savings

The Ion 18 Heat Pump with SmartSense Technology delivers our best, energy-saving comfort at a cost comparable to a two-stage unit. By stepping up to variable-speed technology, you can save energy while enjoying nearly continuous comfort. Operating much like adaptive cruise control in your car, Comfortmaker variable-speed inverter products with SmartSense Technology make many small variations to speed as conditions change so your system maintains steady temperature and humidity for your home. When installed as part of a complete Ion communicating system, this heat pump will adjust itself to run efficiently based on the needs of the home, saving you energy.

Steady, Quiet Comfort

Whether it's quiet summer days on the patio or fall evenings under the stars, your comfort will stay uninterrupted with SmartSense Technology. It runs much quieter than traditional two-stage units, so your time outside is peaceful. During warmer months it runs at lower, more efficient speeds in between cooling cycles, providing your home with consistent humidity control and comfort. And during cooler months, you'll experience higher leaving air temperatures for a steady, warming comfort.

Easy

The Ion 18 Heat Pump with SmartSense Technology is at its best when matched with a compatible, communicating indoor unit and the Wi-Fi-enabled Ion System Control. All of the components of this communicating system work together to deliver exceptional comfort and energy efficiency. Just set your preferred temperature and let the Ion system do the thinking for you, automatically adjusting for outstanding performance. And, with a Wi-Fi-connected Ion System Control, you can control your settings from anywhere in the Internet-connected world with an iOS® or Android™ smart device and the Ion Home mobile app. As a result, your home can always be at your desired comfort level when you walk through the door.

smartsense
TECHNOLOGY

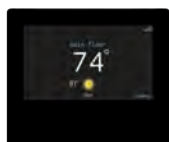


EXCEPTIONAL PEACE OF MIND

Our No Hassle Replacement limited warranty backs every Comfortmaker Ion System product. It means comfort with no questions. We'll replace your unit if the compressor or coil fails within the covered period.* This provides extra coverage in addition to a 10-year parts limited warranty.**

COMPONENTS OF A COMPLETE COMFORTMAKER SYSTEM

We offer a complete family of products designed to provide year-round comfort, control and efficiency. An Comfortmaker split-system heat pump is a properly matched combination of an outdoor heat pump and a separate indoor unit such as a natural gas, oil, propane or electric furnace or a fan coil. Your Comfortmaker dealer can help create a properly matched system to best fit your needs and your budget.



Thermostats



Gas Furnaces



Fan Coils



Evaporator Coils

ION SYSTEM HEAT PUMPS

Our Ion System heat pumps can deliver cool relief from soaring outdoor temperatures and efficient, warm indoor comfort when the outside air turns cooler. From our exceptionally quiet and humidity-controlling variable-speed models with SmartSense technology to our single and two-stage models, Comfortmaker offers a solution for year-round comfort during the warm and cool seasons. Regardless of which model is right for you, we have a heat pump for every home.

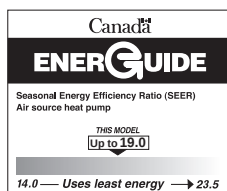
	ION SYSTEM			
Comfortmaker Heat Pump Options	CVH8	CCH6	CSH6	CSH4
Comfort Features				
Summer Dehumidification	Best	Best	Better	Better
Temperature Control	Best	Best	Better	Better
Efficiency				
Cooling SEER	Up to 19	Up to 17	Up to 16	Up to 15
Electric Heating HSPF	Up to 10	Up to 9.5	Up to 9.5	Up to 8.5
Design Features				
Ion Communicating System Compatible	•	•	•	•
Compressor Stages	Variable	2	1	1
Compressor Sound Jacket	•	•	•	•
Multi-Speed Fan Motor	•			
Peace of Mind				
10-Year Parts Limited Warranty**	•	•	•	•
No Hassle Replacement Limited Warranty*	10-Year	10-Year	5-Year	3-Year

Many models are ENERGY STAR® qualified. Ask your contractor for details or visit www.energystar.gov.

* See warranty certificate for complete details and exclusions.

** Timely registration required for 10-year parts limited warranty and lifetime heat exchanger limited warranty. Limited warranty period is five years for parts and 20 years for heat exchanger if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. Please see warranty certificate for further details and restrictions

All systems tested and listed by the appropriate agencies.



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Comfortmaker.com

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CVH8 Series

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