



**SPLIT SYSTEM AIR CONDITIONERS,  
HEAT PUMPS AND PACKAGED  
SYSTEM PRODUCTS**

Built Exclusively for Manufactured Housing



## Exclusively Made For Your Manufactured Home.

Today, the manufactured home is a sophisticated, affordable home that is a smart choice for many buyers. Equally smart is knowing that your manufactured home cooling system is just that — a manufactured home cooling system. Specifically designed for your manufactured home, an Intertherm air conditioner, heat pump & packaged system offers high efficiency and system dependability.

The more you learn about our manufacturing process, the more you'll see that no other heating and cooling manufacturer compares to Intertherm's product quality — quality made possible through Demand Flow Technology. While other companies test products at random, we use 100% computer-automated testing on every Intertherm product to eliminate human error in the final analysis of product quality. We are the only heating and cooling manufacturer to be DFT certified.



You can rely on your Intertherm expert to make your home more comfortable with digital thermostats and other manufactured home accessories. It's a comfort to know that Intertherm is made for your manufactured home, and it's a comfort you can feel.



## What are SEER and HSPF?

The Seasonal Energy Efficiency Ratio measures cooling performance on air conditioners and heat pumps. As ratings increase, so does unit efficiency. Heat pumps have an additional rating called Heating Seasonal Performance Factor. HSPF measures the average number of Btuh of heat delivered for every Watt hour of electricity used by the heat pump over the heating season. Depending on the climate you live in, a heat pump may be ideal for your family. Heat pumps work similarly to a conventional air conditioner with one big exception: They also provide heat in the winter.

## 13 SEER Split System Air Conditioners (Northern Climates only)

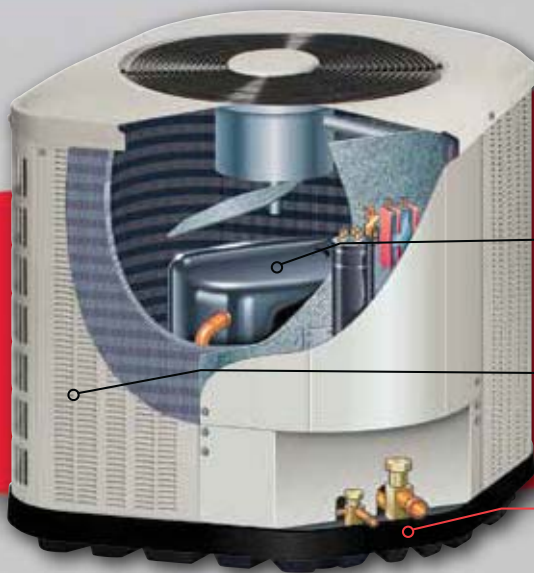
Intertherm high-efficiency split system air conditioners fit the bill for your cooling needs.

- Louvered jacket panels protect the unit coil from being damaged by balls, lawnmowers, hail, etc.
- One-piece top designed for maximum airflow and quiet operation.
- Composite base pan absorbs sound and is corrosion resistant.
- State-of-the-art scroll compressors improve efficiency for economical comfort.
- Available with quick connect or brazed connections.
- Quick connect systems require no additional charge.
- All-aluminum outdoor coils.

**PERMANENTLY LUBRICATED MOTOR DELIVERS LONG-LASTING RELIABILITY AND QUIET OPERATION.**



**Models HSA1BD & HSA10D**



○ Ultra quiet, reliable scroll compressor

○ Full metal jacket for enhanced coil protection

○ Composite base reduces sound levels



Intertherm uses only proven components like the Copeland® scroll compressor. It's the leaders' choice for efficiency, durability and longevity.

### **Model HSA1BD 13 SEER Air Conditioner**

### **An indoor coil completes your cooling system.**

Intertherm coils are engineered to match our air conditioners and heat pumps, ensuring you get the full performance you're paying for. Our newest coils feature all-aluminum technology. Coils are lighter in weight and require less refrigerant. They offer increased reliability due to their innovative design.



# 14 SEER, up to 8.5 HSPF Split System Air Conditioners & Heat Pumps

**Intertherm extra high-efficiency split system air conditioners and heat pumps fit the bill for your heating and cooling needs.**

- Louvered jacket panels protect the unit coil from being damaged by balls, lawnmowers, hail, etc.
- Permanently lubricated motor delivers long-lasting reliability and quiet operation.
- One-piece top designed for maximum airflow and quiet operation.
- Composite base pan absorbs sound and is corrosion resistant.
- High pressure switch for added compressor protection. State-of-the-art scroll compressors improve efficiency for economical comfort.
- Available with quick connect or brazed connections.
- Quick connect systems require no additional charge.
- All air conditioner and up to 15 SEER heat pump models feature all-aluminum outdoor coils.

## Heat pump models also feature:

- Time/temperature defrost which offers flexibility to meet any type of climate.
- Muffler reduces noises inside and out for efficient, quiet operation.



**Models HSA1BE, HSA1QE, HSH1BE & HSH1QE**



Intertherm uses only proven components like the Copeland® scroll compressor. It's the leaders' choice for efficiency, durability and longevity.



Single-Stage scroll compressor for higher efficiency and reduced sound levels

Composite base lowers sound levels

**Model HSH1BE  
14 SEER, up to 8.5 HSPF  
Heat Pump**

## 14 SEER Packaged Air Conditioners & Heat Pumps (small footprint)

## 16 SEER Packaged Air Conditioners & Heat Pumps (small footprint)



**An Interterm packaged system will keep your home comfortable year-round.**

**INTERTHERM COILS ARE DESIGNED TO OPTIMIZE HEAT TRANSFER AND INCREASE DURABILITY AND RELIABILITY.**

- Compact footprint and low profile make unit easy to install and transport. These low profile packaged units are self-contained and installed on the outside of your manufactured home freeing up additional living space inside your home.
- Wire coil guard coated with earth friendly epoxy and plastic mesh hail guard protect coil from damage from extreme weather and flying debris.
- The combination of a permanently lubricated motor and an optimized fan blade work in conjunction to deliver long-lasting reliability and quiet operation.
- Outdoor thermostat is provided with heat pumps.
- Enhanced all-aluminum evaporator and condenser coils reduce unit weight and require less refrigerant than traditional coils.



**Models P7RE (14 SEER, 11 EER), Q7RE (14 SEER, 11 EER, 8.0 HSPF), P7RF (16 SEER, 12 EER) & Q7RF (16 SEER, 12 EER, 8.2 HSPF)**

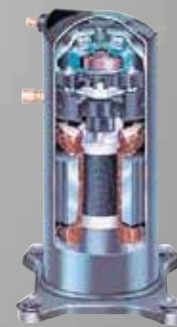
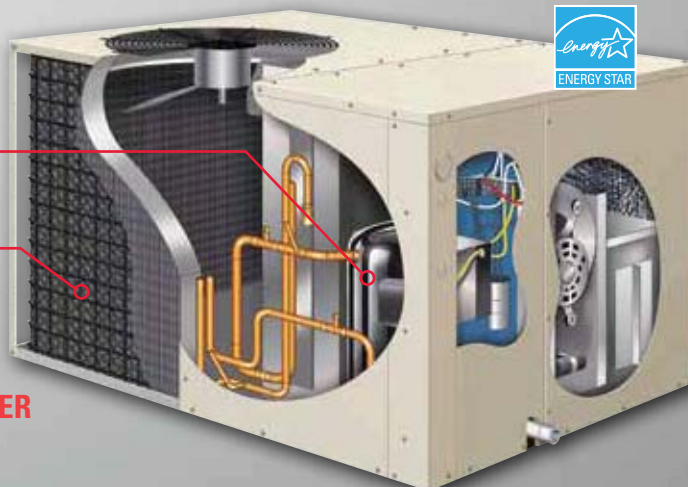
### Features and benefits exclusive to 16-SEER models:

- State-of-the-art two-stage scroll compressors improve efficiency for cost saving comfort.
- The compressor has a 10 year standard warranty.
- Compressor sound blanket and swept-wing fan blade for quiet operation.
- High and low pressure switches for added compressor protection.
- Heat pump has a patented hot gas defrost for worry-free operation.

2-Stage scroll compressor for higher efficiencies and lower sound levels

Wire coil guard and plastic mesh hail guard for coil protection

**Model P7RF  
16 SEER, 12 EER**



Proven components like the Copeland® scroll compressor ensure efficiency, durability and longevity.



ENERGY STAR® certification is awarded to products designed to reduce energy consumption and utility costs. To qualify, packaged systems must have a Seasonal Energy Efficiency Ratio (SEER) rating of 15.0 or higher and an Energy Efficiency Ratio (EER) of 12.0 or higher. Packaged heat pumps are also rated by a Heating Seasonal Performance Factor (HSPF) and must have a rating of 8.2 or higher.

# 14 SEER Packaged Air Conditioners & Heat Pumps (large footprint)

## Large packaged systems can be mounted on a slab or rooftop.

- Compact footprint and low profile make for easy installation and transportation. Self-contained units sit on the outside of your manufactured home to maximize indoor living space.
- Intertherm coils are designed to optimize heat transfer and increase durability and reliability.
- Wire coil guard coated with earth friendly epoxy and plastic mesh hail guard that will never rust and protects coil from damage from extreme weather and flying debris.
- Permanently lubricated motor delivers long-lasting reliability and quiet operation.
- High pressure switch for added compressor protection.
- High static blowers deliver correct airflow even in challenging applications.
- Enhanced all-aluminum evaporator and condenser coils. These coils reduce unit weight and require less refrigerant than traditional coils.



**Models P8SE (14 SEER, up to 11.5 EER) & Q6SE (14 SEER, 11 EER, 8.0 HSPF)**

## Heat pump models also feature:

- Suction accumulator protects from liquid flood back and future compressor failures.
- Demand defrost is standard and provides additional energy savings in heating by defrosting only when necessary.
- The five minute restart time delay keeps the unit from restarting when the unit shuts down, eliminating the highest cause for compressor failure.
- Convertible air delivery, horizontal or downflow, to accommodate rooftop or slab application.
- Accessories for most every application including high wind kits.



○ Wire coil guard and plastic mesh hail guard for enhanced coil protection

○ Scroll compressor for higher efficiency

**Model P8SE  
14 SEER, 11 EER,  
8.0 HSPF Heat Pump**



Copeland® scroll compressors provide long-lasting reliability.

## 14 & 15 SEER Gas/Electric & iHybrid® Packaged Systems

A gas/electric packaged system combines the convenient electric cooling of an air conditioner with the energy-efficient gas heat of a furnace. An iHybrid packaged system combines the convenient electric heating and cooling of a heat pump with the energy-efficient gas heat of a furnace.

- The galvanized steel cabinet with a protective coating resists corrosion 50% better than comparable units.
- Wire coil guard coated with earth-friendly epoxy and plastic mesh hail guard protect against damage from extreme weather and flying debris.
- Indoor and outdoor coils optimize heat transfer and increase durability and reliability. Enhanced all-aluminum evaporator and condenser coils reduce unit weight and require less refrigerant.
- SmartLite® control board programs igniter to adapt to furnace's heat-up characteristics extending operating life.

### Additional features on 15 SEER models:

- Two-stage heating and cooling provides increased comfort levels.
- Variable-speed blower provides extra quiet operation and improved indoor air quality.

**iHybrid Model DF6SF-B (15 SEER, 12 EER, 8.0 HSPF, 81% AFUE),  
R6GF-B\* (15 SEER, 12 EER, 81% AFUE)  
& R8GE\* (14 SEER, 11 EER, 81% AFUE)**



**iHybrid®**

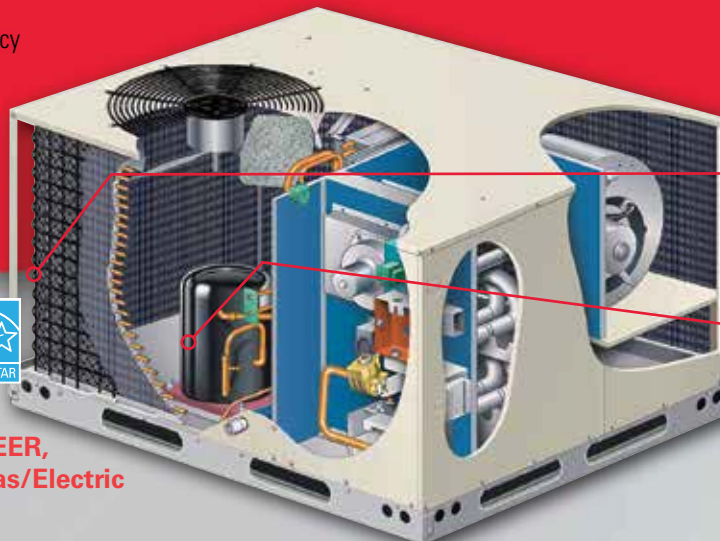
**ALL UNITS AND EACH COMPONENT ARE TESTED ON THE MANUFACTURING LINE TO ENSURE QUALITY**

### What is AFUE?

A gas/electric packaged system's efficiency is rated in both SEER and AFUE - Annual Fuel Utilization Efficiency. AFUE measures the unit's heating efficiency. The higher the AFUE rating, the more energy efficient your system is and the lower your energy costs will be.



**Model R6GF-B\* 15 SEER,  
12 EER, 81% AFUE Gas/Electric  
Packaged System**



○ Wire coil guard and plastic mesh hail guard for enhanced coil protection

○ 2-stage scroll compressor for higher efficiency and lower sound levels

\* If installed in SCAQMD only: These gas/electric packaged systems do not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to \$450. These gas/electric packaged systems are not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).



ENERGY STAR® certification is awarded to products designed to reduce energy consumption and utility costs. To qualify, packaged systems must have a Seasonal Energy Efficiency Ratio (SEER) rating of 15.0 or higher and an Energy Efficiency Ratio (EER) of 12.0 or higher. Packaged heat pumps are also rated by a Heating Seasonal Performance Factor (HSPF) and must have a rating of 8.2 or higher.

# Intertherm Warranty

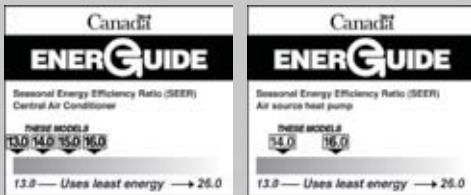
Intertherm heating and cooling products for manufactured housing carry a one-year warranty on parts and a 5-year compressor warranty.

- 1-Year Limited Parts
- 5-Year Limited Compressor

Extend your standard 1-year limited parts to 10-year limited parts by registering at [aftermarket.nortekhvaccwarranty.com](http://aftermarket.nortekhvaccwarranty.com).

In addition to the 1-year warranty, Intertherm gas/electric packaged systems and M1, M4, M5 furnaces offer a 10-year limited warranty on heat exchangers. M7 and CMF furnaces offer a 20-year limited warranty on heat exchangers. Replacement M7 furnaces provide a 5-year limited parts warranty when registered at [aftermarket.nortekhvaccwarranty.com](http://aftermarket.nortekhvaccwarranty.com).

Contact your Intertherm contractor for specific warranty details.



[intertherm.net](http://intertherm.net)

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**For information call or write your select Intertherm heating and cooling contractor.**

