

# MILLER

Heating and Cooling Systems

## SPLIT SYSTEM AIR CONDITIONERS, HEAT PUMPS AND PACKAGED SYSTEMS

Built Exclusively for Manufactured Housing

- Proven components
- Appliance finish
- Fully insulated cabinets



## Miller is a household name.

**Miller is a household name in the manufactured housing industry, since 1919.** Given our history and dedication to the manufactured housing industry, it is easy to see why most new manufactured homes are built with our heating systems, and when applicable, are equipped with our cooling systems too. You can rely on your Miller expert to make your home more comfortable with digital thermostats and other manufactured home accessories.

## Exclusively made for the 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, a Miller air conditioner, heat pump & packaged system offers high efficiency and system dependability.

## Comfort you can rely on.

**The more you learn about our manufacturing process,** the more you'll see that no other heating and cooling manufacturer compares to Miller'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 Miller product to eliminate human error in the final analysis of product quality. We are the only heating and cooling manufacturer to be DFT certified. It's a comfort to know that Miller 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.

Ultra quiet, reliable scroll compressor

Full metal jacket for enhanced coil protection

Composite base reduces sound levels

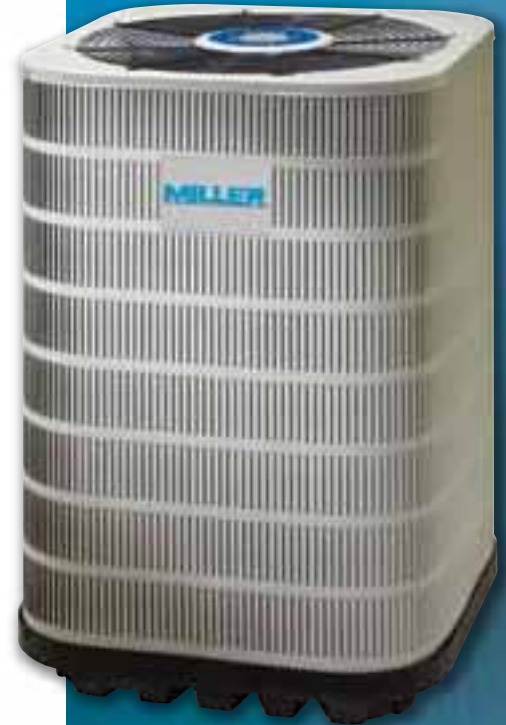


Model ES4BD  
Air Conditioner

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

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

- Full metal jacket protects 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.
- 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.
- Micro-Channel all aluminum outdoor coils.



Models ES4BD & ES4QD

An indoor coil completes your cooling system.

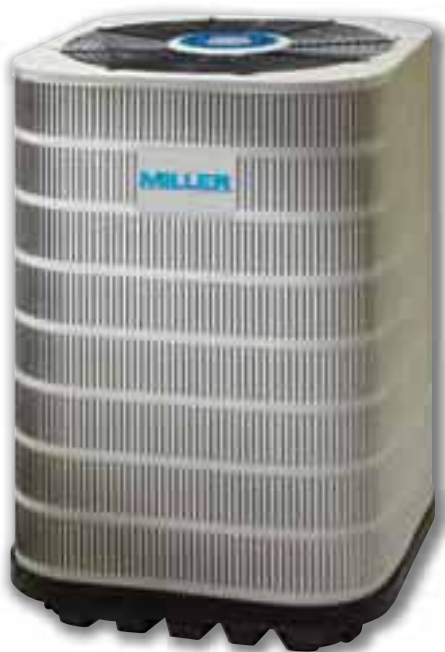


Miller coils are engineered to match our air conditioners, ensuring you get the full performance you're paying for. Our newest coils feature all-aluminum Anteaters MC<sup>®</sup> Micro-Channel technology that completely eliminates formicary corrosion, the #1 cause of coil leaks.



Miller uses only proven components like the Copeland<sup>®</sup> scroll compressor. It's the leaders' choice for efficiency, durability and longevity.

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



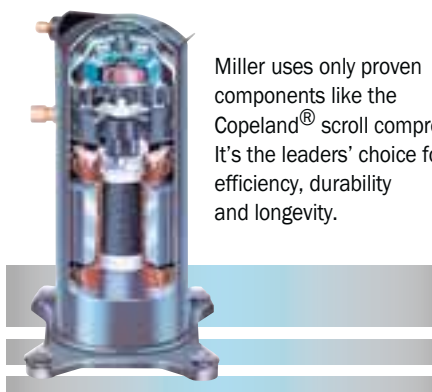
Models ES4BE, ES4QE,  
ET4BE & ET4QE

Miller high-efficiency split system air conditioners and heat pumps fit the bill for your cooling needs.

- Full metal jacket protects 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 heat pump models feature Micro-Channel all aluminum outdoor coils.

Heat Pump models also feature:

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



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

Scroll compressor for higher efficiency and reduced sound levels

Composite base lowers sound levels



Model ET4BE 14 SEER, up to 8.5 HSPF Heat Pump



## 14 & 15 SEER Packaged Systems Air Conditioners & Heat Pumps *(small footprint)*

**A Miller packaged system will keep your home comfortable year-round.**

- Compact footprint and low profile make unit easy to install and transport. Unit is self-contained and installed on the outside of your manufactured home so it won't occupy additional living space inside your home.
- Miller 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 protect coil from damage from extreme weather and flying debris.
- Permanently lubricated motor delivers long-lasting reliability and quiet operation.
- Outdoor thermostat is standard on heat pumps.



*Models P7RE (14 SEER, 11 EER),  
Q7RE (14 SEER, 11 EER, 8.0 HSPF),  
P5RF-A (15 SEER, 12 EER) & Q5RF-A  
(15 SEER, 12 EER, 8.0 HSPF)*

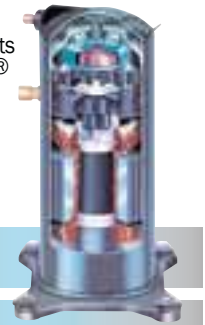
**14 SEER Air Conditioner and Heat Pump models feature:**

- Anteaater MC<sup>®</sup> Micro-Channel all aluminum coils in both indoor and outdoor locations, reduces weight and refrigerant. Proven design provides a more durable and reliable coil.

**Features and benefits exclusive to 15-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.
- Anteaater<sup>®</sup> tube-in-fin coil technology resists corrosion up to 25 times untreated copper tubing.

Proven components like the Copeland<sup>®</sup> scroll compressor ensure efficiency, durability and longevity.



**2-stage scroll compressor for higher efficiencies and lower sound levels**

**Wire coil guard and plastic mesh hail guard for coil protection**



*Model Q5RF-A  
15 SEER, 12 EER, 8.0 HSPF Heat Pump*



ENERGY STAR<sup>®</sup> 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 Systems

## 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.
- Miller 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 protect 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.

### 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.



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



Copeland® scroll  
compressors provide  
long-lasting reliability.

Scroll compressor for  
higher efficiency

Wire coil guard and  
plastic mesh hail guard  
for coil protection



Model Q6SE  
14 SEER, 11 EER, 8.0 HSPF  
Heat Pump

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

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 guard coated with earth-friendly epoxy and mesh hail guard protect against damage from extreme weather and flying debris.
- Indoor and outdoor coils optimize heat transfer and increase durability and reliability. Anteater® coil technology reduces chance for leaks up to 25% over untreated coils.
- SmartLite® control board programs igniter to adapt to furnace's heat-up characteristics extending service life.

#### Additional features on 15 SEER models:

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

#### Additional features on R8GE 14 SEER models:

- Anteater MC® Micro-Channel all aluminum coils in both indoor and outdoor locations.

#### 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.



*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®



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.

Wire coil guard and plastic mesh hail guard for coil protection

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



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

## Products for the Manufactured Home

## Miller Warranty Information

Miller 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 [www.aftermarket.nortekhvacwarranty.com](http://www.aftermarket.nortekhvacwarranty.com).

In addition to the 1-year warranty, Miller 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 [www.aftermarket.nortekhvacwarranty.com](http://www.aftermarket.nortekhvacwarranty.com).

Contact your Miller contractor for specific warranty details.

**MILLER**  
Heating and Cooling Systems

[www.millerac.com](http://www.millerac.com)



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