




Westinghouse



Up To **24.5 SEER**

*iQ Drive® Complete-Comfort System
Air Conditioner/Heat Pump and Air Handler/Gas Furnace*



You can be sure...if it's Westinghouse 

So Smart, Its iQ Delivers the Best in Home Comfort

The Westinghouse iQ Drive® Complete-Comfort System is quite simply the smartest comfort system available. It's the only system that not only controls temperature, but achieves the most consistent levels of humidity, air quality and ventilation. And all at some of the lowest sound levels in the industry.

The iQ Drive Comfort System

The Westinghouse iQ Drive Comfort System, like all standard central cooling systems, has three major components. The outdoor component (the iQ Drive air conditioner or heat pump) works with the indoor component (the iQ Drive air handler or gas furnace and coil) to circulate cool air throughout the home. The third component, the iQ Drive controller, allows you to manage total indoor comfort. This entire system is designed to deliver better efficiency, improved air quality and more reliable comfort for years to come.

The 23/24.5 SEER iQ Drive air conditioner and 20/22 SEER iQ Drive heat pump* come

with the ultimate in new, quick-response features:



Selective Humidity Levels – As a secondary function, the iQ Drive

system will control humidity in your home better than a traditional single-stage air conditioner. You can even set a target dehumidification level. Just know that the iQ Drive system is not a true dehumidifier, and in areas where precise control is needed, you should add a whole-home dehumidifier. Ask your Westinghouse contractor for details.

Programmable Comfort Schedules – You can program a seven-day comfort schedule to control up to four specific events at precise times of the day, such as wake-up time, work time, home arrival or sleep time. You can even set a vacation mode for ultimate energy efficiency even while you're away.

Filter Monitoring – Lets you know if the filter needs cleaning or replacing.

System Maintenance Reminders – Automatically notifies you of service

intervals for accessories such as electronic air cleaners, humidifiers or UV Air Purifiers.

On-Board Diagnostics – The display will let you know when any system fault is detected and service is needed.



The iQ Drive System circulates air throughout your home. By mixing air from floor to ceiling, it creates more uniform temperatures, improves air filtration and reduces humidity levels. Westinghouse gas

furnaces are available in high-efficiencies.

Heat Pump or Air Conditioner? The 23/24.5 SEER iQ Drive air conditioner is an excellent choice for geographies where maximum cooling efficiency is needed. In areas where heating efficiency is also desired, consider the 18/19 or 20/22 SEER heat pump. They operate in the summer the same as an air conditioner, but also provide heat in the winter. And with an HSPF (Heating Season Performance Factor) up to 10.0, they're incredibly efficient no matter what the weather.



* Optional on 18/19 SEER iQ Drive heat pump models.

Making Your iQ Drive[®] Complete-Comfort System Truly Complete

The Westinghouse iQ Drive System is designed to work with other Westinghouse accessories such as whole-home humidifiers, air cleaners, HEPA systems and more. If allergens, dust, mold, pet odor, dry air, temperature control or other irritants are a problem for you or your family, ask us how we can design a Westinghouse system to reduce common irritants and increase comfort throughout the home.

Engineered for Quality

In addition to providing you with better indoor comfort, we want you to feel comfortable investing in a product that will perform when you need it most. Each Westinghouse iQ Drive air conditioner and heat pump is checked approximately 154 times during the manufacturing process, then run-tested to check for operation performance. In the final analysis, computer-automated testing is performed to capture operational data for future reference should your contractor ever need it. Westinghouse products are built with proven components to provide safe, clean and reliable comfort year-round.

Best-in-the-Business Warranties

When a complete heating and cooling system is truly built to exacting standards of quality and durability, the manufacturer's confidence shows in its warranty. The Westinghouse iQ Drive System offers a 10-year warranty on all parts, 10-year compressor warranty and a 10-year quality pledge. With our quality pledge, we will replace the entire unit should the compressor or heat exchanger fail within the first 10 years. To learn more about our product warranties, ask your Westinghouse contractor, or visit us on the web at www.westinghousehvac.com for details.



Top-of-the-Industry Installation and Service

When choosing a heating and cooling system, look at the service and support provided by the contractor. Westinghouse contractors receive extensive training in the installation and care of your equipment. That means your Westinghouse contractor can help you select the right system for your home and keep it in top operating condition.

Supreme Durability

A full metal jacket protects the coil from damage by weather and flying debris. It is finished with a Silicone protective polyurethane coating that passed a 950-hour salt spray test for harsher climates. It protects your unit from corrosion 50% more than standard outdoor finishes.

Conserving Energy and Protecting the Environment

The ENERGY STAR[®] is awarded by the U.S. Department of Energy and the Environmental Protection Agency for helping to conserve energy, promote cleaner air and prevent global warming. To qualify, split system air conditioner and heat pump systems must have a Seasonal Energy Efficiency Ratio (SEER) rating of 14.5 or higher and an Energy Efficiency Ratio (EER) of 12.0 or higher. Split system heat pumps are also ENERGY STAR rated by a Heating Seasonal Performance Factor (HSPF) of 8.2 or higher.



Westinghouse iQ Drive Systems are energy-efficient, environmentally responsible products. Look for the ecoLogic[®] seal.



iQ Drive® Air Conditioner with Air Handler

- Up to 24.5 SEER
- 40-118% modulation
- 59-72 dBA sound levels



iQ Drive® Air Conditioner with Furnace

- Up to 23 SEER
- 40-118% modulation
- 59-72 dBA sound levels

Available with:

- 97+ AFUE iQ Drive Modulating Gas Furnace
- 95.1 AFUE Two-Stage, Variable-Speed Gas Furnace
- 80 AFUE Two-Stage, Variable-Speed Gas Furnace



iQ Drive® Heat Pump with Air Handler

- Up to 22 SEER/10.0 HSPF
- 40-118% modulation
- 59-72 dBA sound levels



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iQ Drive® Heat Pump with Furnace

- Up to 20 SEER/10.0 HSPF
- 40-118% modulation
- 59-72 dBA sound levels

Available with:

- 97+ AFUE iQ Drive Modulating Gas Furnace
- 95.1 AFUE Two-Stage, Variable-Speed Gas Furnace
- 80 AFUE Two-Stage, Variable-Speed Gas Furnace



iQ Drive® Heat Pump with Air Handler

- Up to 19 SEER/10.0 HSPF
- 40-118% modulation
- 59-73 dBA sound levels

iQ Drive® Heat Pump with Furnace

- Up to 18 SEER/10.0 HSPF
- 40-118% modulation
- 59-73 dBA sound levels

Available with:

- 97+ AFUE iQ Drive Modulating Gas Furnace
- 95.1 AFUE Two-Stage, Variable-Speed Gas Furnace
- 80 AFUE Two-Stage, Variable-Speed Gas Furnace





The Importance of Being up to 24.5 SEER

Seasonal Energy Efficiency Ratio (SEER) is the unit by which air conditioning and heat pump energy efficiency is measured. In the world of cooling, the higher the SEER, the better the efficiency, and the lower your power bill.

8 SEER	\$540 Annual Operating Costs
10 SEER	\$432 Annual Operating Costs
13 SEER	\$332 Annual Operating Costs
16 SEER	\$270 Annual Operating Costs
19 SEER	\$227 Annual Operating Costs
22 SEER	\$196 Annual Operating Costs
24.5 SEER	\$176 Annual Operating Costs

Most homes built in the last 10 years have 8 to 10 SEER cooling systems. With an iQ Drive® system, you should see significant savings over your existing air conditioner or heat pump. The iQ Drive air conditioner is rated up to 24.5 SEER, and the iQ Drive heat pump is rated up to 22 SEER/10.0 HSPF.

Annual costs based on 36,000 Btu unit, 1500 cooling load hours, and .08/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.

Energy Definitions

SEER—Seasonal Energy Efficiency Ratio

Measures cooling performance on air conditioners, heat pumps and gas/electric packaged products.

HSPF—Heating Seasonal Performance Factor

It is a measure of the average number of Btu of heat delivered for every Watt-hour of electricity used by the heat pump over the heating season.

AFUE—Annual Fuel Utilization Efficiency

It measures the amount of heat actually delivered to your house compared to the amount of fuel that you must supply to the furnace. Thus, a furnace that has an 80% AFUE rating converts 80% of the fuel that you supply to heat—the other 20% is lost out of the chimney.

As ratings increase, so does unit efficiency.

So Smart, Its iQ Delivers Ultra-High Energy Efficiency

The Westinghouse iQ Drive® Air Conditioner and iQ Drive Heat Pump utilize inverter rotary technology to achieve ultra-high efficiency levels.

Traditional compressors just turn on and off – operating at 60 hertz when running. But iQ Drive inverter technology has almost infinite modulation for a perfectly even variance. It runs as low as 15 hertz, so it uses less power.



So while today's compressors kick on at full speed to compensate for a small change in temperature, iQ Drive inverter technology alters the compressor speed just enough to match the slightest change in air temperature. So in addition to minimal power utilization, you get a more consistent temperature level – and fewer hot and cold spots.

So Quiet, You May Forget You Have It

Thanks to its impressive efficiency, the Westinghouse iQ Drive Comfort System delivers the lowest sound levels in the industry, ramping down to 59 dBA.

Today's traditional compressors operate at 3,600 rpm power. So even with full insulation, sound blanket, sound-absorbing base, lubricated motor and swept fan blade, they make enough noise to be heard inside the home.

By comparison, the Westinghouse iQ Drive rotary compressor can ramp down to 900 rpm for ultra-low power and an ultra-low noise level. That makes for a quieter home, especially at night.



For ultimate comfort, consider **iQ Zone**

iQ Zone™ works hand-in-hand with your 23/24.5 SEER iQ Drive® air conditioner and 20/22 SEER iQ Drive heat pump to create separate comfort zones in your home. Now you can easily have the bedrooms cooler than the kitchen, or the rarely used den a different temperature than the family room.

It's your home. Customize it to your comfort.



iQ Zone offers these benefits.

- Independent temperature control in up to 8 zones served by one unit.
- May increase energy savings.
- Superior comfort.
- Elegant touch-panel control.
- Easy to use.

Ask your Westinghouse contractor for details on iQ Zone or visit www.westinghousehvac.com.

For more information, call or write your Westinghouse Contractor:

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Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

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