



# Award-Winning

**UP TO 25.5 SEER** iQ Drive® Air Conditioners, Heat Pumps and Air Handlers/Furnaces



**Westinghouse**

# iQ Drive® Complete Comfort System



## **So Smart, Its iQ Delivers Ultra-High Energy Efficiency**

The Westinghouse iQ Drive® Complete-Comfort System is quite simply one of the smartest comfort systems available. It not only controls temperature, but also achieves 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 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.



## 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.



**The up to 25.5 SEER iQ Drive air conditioner and up to 22 SEER iQ Drive heat pump** come with programmable communicating controllers.\* 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.

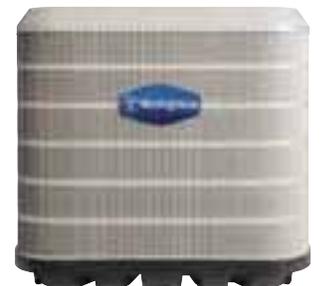


**You can program a seven-day comfort schedule** to control up to four specific events at precise times of the day, such as wake-up time, work time, home arrival or sleep time. You can even set a vacation mode for ultimate energy efficiency even while you're away.\*



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

*\*Optional on 20 SEER iQ Drive air conditioner and up to 19 SEER iQ Drive heat pump models.*



## Making Your iQ Drive®

Complete-Comfort System Truly Complete



### **iQ Drive with Air Handler**

- Up to 25.5 SEER Air Conditioner
- Up to 22 SEER/10.0 HSPF Heat Pump
- 40-118% modulation
- 59-72 dBA sound levels
  
- 20 SEER Air Conditioner
- Up to 19 SEER/10.0 HSPF Heat Pump
- 49-118% modulation
- 59-73 dBA sound levels



### **iQ Drive with Gas Furnace**

- Up to 23 SEER Air Conditioner
- Up to 20 SEER/10.0 HSPF Heat Pump
- 40-118% modulation
- 59-72 dBA sound levels
  
- 20 SEER Air Conditioner
- Up to 19 SEER/10.0 HSPF Heat Pump
- 49-118% 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 iQ Drive controller is optional on 20 SEER iQ Drive air conditioner and up to 19 SEER iQ Drive heat pump models.*



### **Both the Westinghouse up to 25.5 SEER iQ Drive air conditioner and the Westinghouse up to 22 SEER iQ Drive heat pump**

were recognized as outstanding values by a leading consumer publication.





## Heat Pump vs. Air Conditioner

A “split” system is the most common heating and cooling central system used. Your split system air conditioner or heat pump is the outdoor component of a total system. The indoor component is a matched coil, which typically sits on top of the furnace or, in warmer climates, an indoor air handler is used. When you replace your outdoor system, it is extremely important to replace the indoor portion as well in order to meet energy efficiency performance and not void important warranties. Not changing your indoor component is like buying a new car and then placing old, worn tires on it.

The 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 one of the iQ Drive heat pumps. 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.

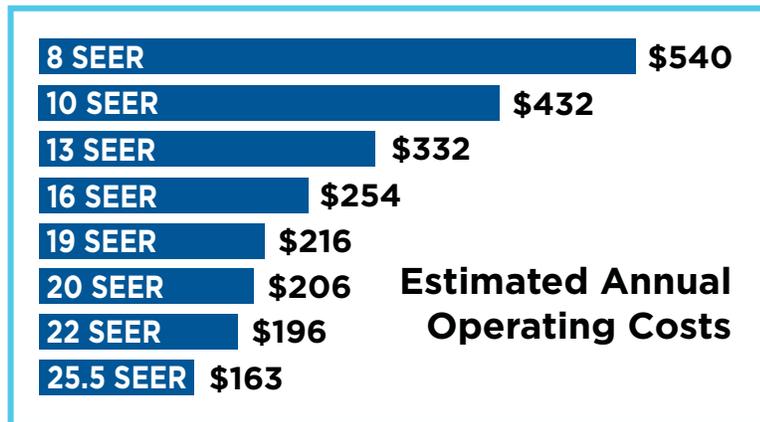


# The Importance of Being

up to 25.5 SEER



**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 25.5 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.*



**SEER (Seasonal Energy Efficiency Ratio)** measures cooling performance on air conditioners, heat pumps and gas/electric packaged products. In the world of cooling, the higher the SEER, the better the efficiency, and the lower your power bill.

**HSPF (Heating Seasonal Performance Factor)** 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)** 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.

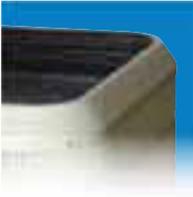
As ratings increase, so does unit efficiency.



## Up to 25.5 SEER

### iQ Drive® Split System Air Conditioners and Heat Pumps

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**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.



**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.



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



**For ultimate comfort, consider iQ Zone.**

iQ Zone™ works hand-in-hand with your up to 25.5 SEER iQ Drive air conditioner and up to 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.westinghousevac.com](http://www.westinghousevac.com).





# Leading Warranty

**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 limited warranty on all parts, 10-year compressor warranty and a 10-year Quality Pledge (when product is registered as part of a complete Westinghouse system). With our 10-year Quality Pledge, we will replace the entire unit should the compressor fail within the first 10 years (must be installed with a Westinghouse matched indoor coil or air handler).

To learn more about our product warranties, ask your Westinghouse contractor, or visit us on the web at [www.westinghousehvac.com](http://www.westinghousehvac.com) for details.

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](http://www.energystar.gov).

ENERGY STAR® certification is awarded to products designed to reduce energy consumption and utility costs. To qualify, split system air conditioners and heat pumps 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 rated by a Heating Seasonal Performance Factor (HSPF) and must have a rating of 8.2 or higher.

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