

4 FACTORS FOR BETTER COMFORT HEATING & COOLING SYSTEMS

Once you choose the **Goodman®** brand,
you'll probably be a fan for life.



Millions of homeowners across North America are big fans already.
You could become one, too!

Just go to www.goodmanmfg.com/reviews
and find out why you'll say "Thank goodness for Goodman®."



GOODMAN – A MEMBER OF DAIKIN GROUP

Daikin Industries, Ltd. (DIL) is a global Fortune 1000 company. It is a worldwide leader for residential and commercial HVAC. DIL is engaged primarily in the development, manufacture, sale, and aftermarket support of heating, ventilation, air conditioning and refrigeration equipment, refrigerants and other chemicals, as well as oil hydraulic products. DIL is headquartered in Osaka, Japan.

The company provides innovative, premium quality indoor climate management solutions to meet the changing needs of residential, commercial, and industrial customers.

Additional Information

Before purchasing this appliance, read important information about its estimated annual energy consumption yearly operating cost, or energy efficiency rating that is available from your retailer.



At Goodman, we believe in American dependability. Units are designed, engineered and assembled in the U.S.A.



Our continuing commitment to quality products may mean a change in specifications without notice. © 2016 Goodman Manufacturing Company, L.P. Houston, Texas
www.goodmanmfg.com

A lot may have changed since you bought your last home. Overall, today's homes can be up to 20%-30% more efficient than homes built as recently as the early 2000's*. This higher efficiency is due to thicker and better insulation, window Low-E glazing, sealing of air gaps and other factors.

Why is this important? Understanding how efficient a new home is will help you better understand why the Heating, Ventilation, and Air conditioning (HVAC) system installed was selected specifically for your new home.

Let's explore what's going on.

FACTORS IMPACTING HVAC SYSTEM SIZE



Square footage



Sun or Shade



Number of Windows



Building Materials



Desired Comfort

1

HOW THE HVAC PROS DETERMINE THE SYSTEM SIZE

2

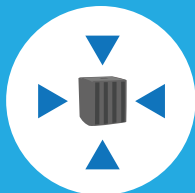
Licensed contractors can perform a system sizing calculation using industry standard Air Conditioning Contractors of America (ACCA) Manual J. The sizing calculation, which is based on many of the factors outlined in #1:

- Determines how much heat gets into the home
- Calculates how much air conditioning is needed to properly cool the home



THE RIGHT SIZE IS IMPORTANT

TOO SMALL



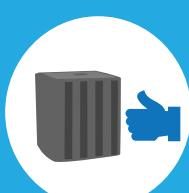
- Consumes more energy
- Unable to cool the space properly
- Higher utility bills*
- Requires extended time to achieve comfort level in home

TOO BIG



- System doesn't run long enough to efficiently remove the humidity
- Short blasts of cold air
- Cool damp air = Clammy feeling on skin

RIGHT SIZE



- Runs the most efficient amount of time
- Properly dehumidifies home
- Can save on utility bills*
- Helps keep home comfortable all year

3

SYSTEM MAINTENANCE IS *REALLY* IMPORTANT

4

An HVAC system needs care just like a car needs oil changes, tire rotations and other regular maintenance suggested by the manufacturer.



- Change your air filters every 30 days or what is indicated on filters.



- Have system maintenance performed by a licensed HVAC contractor each spring and fall. Preseason prevention can help lessen future costly repairs.



- Ask your builder or HVAC contractor for additional information to help keep your new home comfortable for years to come.

Source:

* www.energystar.gov/index.cfm?c=heat_cool_pr_hvac

• www.energystar.gov/ia/partners/publications/pubdocs/HeatingCoolingGuide%20FINAL_9-4-09.pdf

Goodman

Air Conditioning & Heating