

## WHAT IS ENERGY STAR?

ENERGY STAR is the government-backed program that helps us all to save money and protect our environment with energy-efficient products and practices. Whether you are looking to replace old appliances, remodel your home, or buy a new house, ENERGY STAR can help.

More than 50 kinds of products, including lighting, appliances, televisions, computers, heating and cooling equipment, and even new homes, can earn the ENERGY STAR label.

ENERGY STAR also offers best practice solutions, like HVAC quality installation and home sealing, that can make your home more comfortable and reduce your energy costs.

For more information

**CALL 888-STAR-YES**



## ENERGY STAR® QUALITY INSTALLATION: CENTRAL HEATING & COOLING



U.S. Environmental Protection Agency  
and U.S. Department of Energy

# ENERGY STAR Quality Installation

You may be familiar with the ENERGY STAR label to help you select efficient heating and cooling equipment. The new ENERGY STAR Quality Installation guidelines help ensure that your equipment is properly installed to deliver comfort, dependability and efficiency.

**These guidelines, based on industry best practices, help ensure that new equipment is:**

- Correctly sized to meet your needs
- Installed with the proper amount of refrigerant
- Operating with sufficient airflow in the system
- Connected to a well-sealed duct system

**If your local utility company offers the ENERGY STAR Quality Installation program, you may be eligible for:**

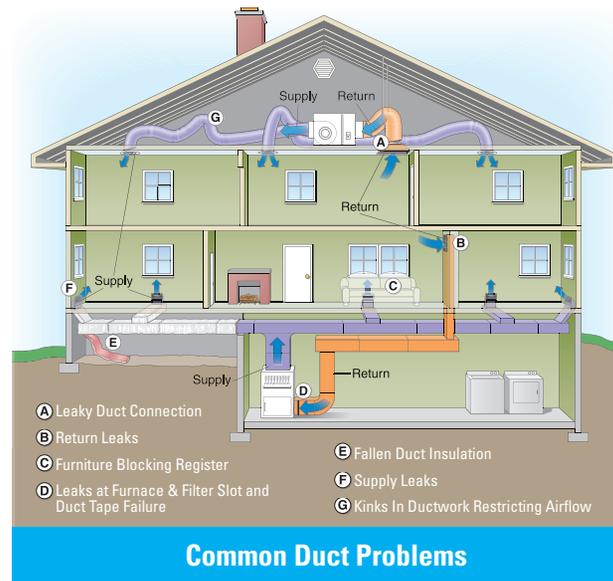
- Incentives toward your installation cost
- Independent verification that your system was installed correctly
- An ENERGY STAR certificate

## GET COMFORT

When your heating and cooling equipment is installed to meet ENERGY STAR Quality Installation guidelines, you avoid common comfort problems caused by poor quality installations. The guidelines specify that heating and cooling equipment is properly sized using standard industry methods and ensure that its duct system is properly sealed.

Many believe that bigger is better when buying new heating and cooling equipment, but your system should be a custom fit for your home. A properly sized system will keep you comfortable and operate efficiently.

Poorly installed duct systems can also cause comfort problems. Holes and gaps in air ducts and disconnected duct connections will reduce the amount of air delivered to each room. Sealing air leaks and balancing air flows between rooms can help ensure your heating or cooling system delivers comfort throughout your home.



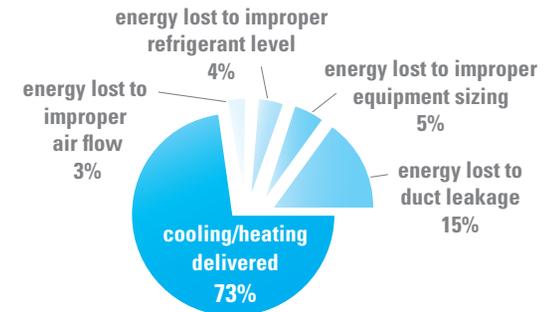
## GET DEPENDABILITY

When your equipment is installed to meet ENERGY STAR Quality Installation guidelines, you avoid installation problems that could reduce the life of your equipment. Modern furnaces, heat pumps and air conditioners are designed to deliver years of service, but incorrect sizing or installation can put stress on system components and shorten equipment life.

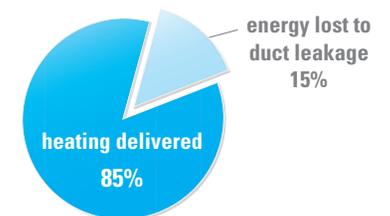
## GET ENERGY EFFICIENCY

When your system is installed correctly, you avoid common problems that can reduce the operating efficiency of your equipment. The charts below show typical losses in systems that aren't installed to ENERGY STAR guidelines.

### Typical Air Conditioner or Heat Pump Installation



### Typical Furnace Installation



*Quality installations help deliver the equipment's full potential.*