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CENTRAL HEATING & COOLING SYSTEMS



**A BUYER'S GUIDE
TO HVAC PRODUCTS
& INSTALLATION**



More saving. More doing.®

WHY CHOOSE THE HOME DEPOT FOR A NEW HEATING & COOLING SYSTEM?

Replacing a heating and cooling (HVAC) system is a big decision and major investment. With The Home Depot, you'll feel confident about your purchase knowing that every step from evaluation to installation is backed by a company you know and trust.

LICENSED^{***} & INSURED[♦] INSTALLATION[♦] PROFESSIONALS

The Home Depot works only with home service professionals who meet the highest standards for experience, know-how and customer service. We screen and perform background checks on all installers and make sure that licenses^{***} and insurance are current.

PROJECT MANAGEMENT FROM START TO FINISH

Your installation professional will manage every aspect of the HVAC replacement so that the process is effortless for you. This includes obtaining all required permits, providing all equipment and supplies to complete the job, and a thorough job site cleanup. At the end of the installation, a 33-point quality assurance checklist is followed to ensure you are satisfied with all aspects of the installation.

HOW DO YOU KNOW YOU NEED A NEW HVAC SYSTEM?

- Your current system requires frequent repairs or stops working
- Some rooms are consistently too hot or too cold
- Your current system runs excessively, or constantly turns on and off
- Your utility bills are high

DEPEND ON THE HOME DEPOT



A WORLD LEADER IN ENERGY EFFICIENT HVAC PRODUCTS

Trane applies its expertise in environmental technology and energy conservation to all its HVAC products.

TO SCHEDULE A FREE IN-HOME CONSULTATION
CALL 1.800.HOMEDEPOT (enter code 260)
 or visit homedepot.com/heatingandcooling

FREE, NO OBLIGATION IN-HOME CONSULTATION

Your consultation will cover the following points and system assessments:

- Test existing equipment including duct work and radiators
- Discuss your comfort and efficiency concerns
- Determine the best way of replacing the existing system
- Perform a load calculation to determine proper size of system for your home
- Establish proper comfort and efficiency to best fit your needs and budget
- Discuss dehumidification, humidification and air filtration options
- Review extended service agreement options
- Review financing options
- Provide an estimate on the cost of your system replacement
- Identify installation date for your new system

SERVICE WARRANTIES

All installation services are backed by a one-year warranty from The Home Depot. Plus, The Home Depot offers extended service agreements on products, labor or both, providing peace of mind for up to 12 more years. See page 14 for details.

FLEXIBLE FINANCING

The Home Depot offers many ways for you to pay.

NO INTEREST IF PAID IN FULL WITHIN 12 MONTHS*

on any installed heating or air conditioning purchases of \$299 or more. Minimum Payments Required. Valid now through 1/31/11. Interest will be charged to your account from the purchase date if the purchase balance (including premiums for optional credit insurance) is not paid in full within 12 months or if you make a late payment.

12 months

PRODUCT GUARANTEES

Manufacturer guarantees are included with all HVAC products and systems available through The Home Depot.

*When purchased on The Home Depot Consumer Credit Card. Additional terms apply. See page 14 for details. †See page 14 for installation details. ‡Where applicable.

FOR THE LEADING BRANDS



A LEADING PROVIDER OF SUPERIOR HVAC PRODUCTS

Rheem's high quality HVAC products are consistently rated "superior" in reliability by consumers.



AN EXCELLENT VALUE ON HIGH QUALITY HVAC PRODUCTS

Sure Comfort is dedicated to providing reliable, high-quality and cost-effective residential HVAC units.

HOW EFFICIENT IS YOUR HVAC SYSTEM?

Compare your current system's efficiency to Department of Energy minimums: 13 SEER for air conditioners; 7.7 HSPF for heat pumps; and 78% AFUE for gas furnaces. (See Terms, page 13.)



More saving. More doing.®



SAVE ENERGY & MONEY WITH AN ENERGY STAR® QUALIFIED HVAC SYSTEM

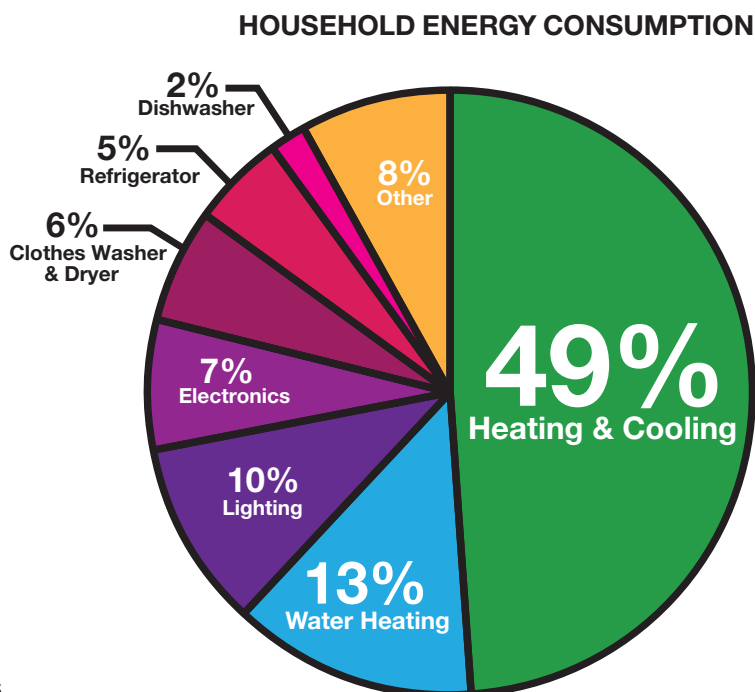
SAVE UP TO \$900** ON YOUR ANNUAL UTILITY BILLS

Many heating and cooling products available through The Home Depot are ENERGY STAR® qualified for energy efficiency. These HVAC products require significantly less energy to operate than their traditional counterparts.

The chart at right illustrates energy consumption in a typical household. Heating and cooling account for nearly half of home energy use, and a large percentage of utility costs. Upgrading to an energy efficient HVAC system will translate into money savings for you on utility bills immediately and throughout the life of the system.

When selecting new HVAC equipment, it's important to consider these future energy savings. While a high efficiency system may require a greater initial investment, the long term energy savings may more than recoup the cost.

**See page 14 for savings data source information.



3 MORE WAYS TO SAVE

**COMBINE THESE PROGRAMS
FOR MAXIMUM SAVINGS**



**RECEIVE UP TO
A \$1,500 FEDERAL
TAX CREDIT**

▲Purchase and install select central A/C units, furnaces or boilers from 1/1/09 - 12/31/10 and you may be eligible to receive a federal tax credit under the "American Recovery and Reinvestment Act of 2009." Visit homedepot.com/taxcredit for more information.



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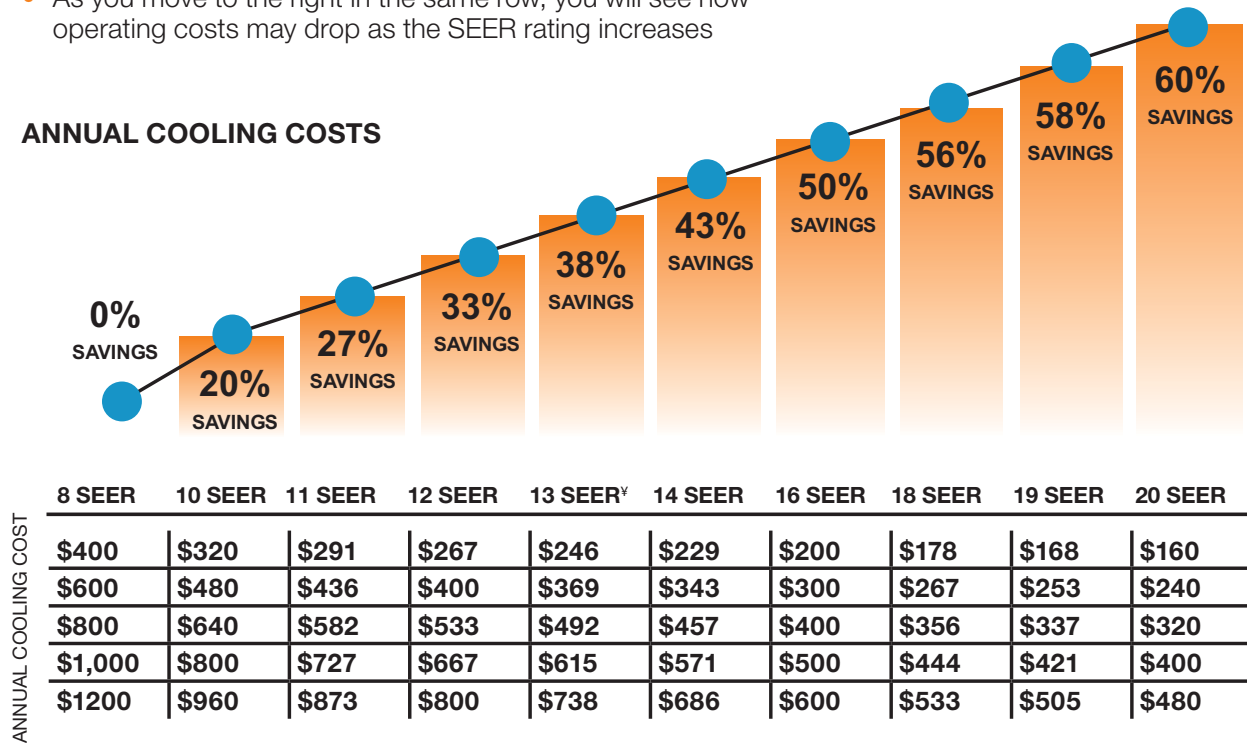
HIGH EFFICIENCY RATINGS CAN ADD UP TO LOWER UTILITY BILLS

Air conditioner efficiency is measured in SEERs. The higher the SEER, the more efficient the unit, and the greater the utility cost savings you can potentially pocket.

To use the chart below:

- Locate the number that corresponds to your current system's SEER rating (see your manufacturer's website) and current cooling costs
- As you move to the right in the same row, you will see how operating costs may drop as the SEER rating increases

ANNUAL COOLING COSTS



Potential energy savings may vary depending on your personal lifestyle, system settings, equipment maintenance, local climate, actual construction and installation of equipment and duct system.

*Minimum efficiency established by the Department of Energy. The majority of systems installed prior to 1992 are 10 SEER or lower.

SAVE WITH THE STATE APPLIANCE REBATE PROGRAM

Replace an older, inefficient HVAC system, with an ENERGY STAR® qualified one and you may be eligible for a rebate from your state. For information, visit homedepot.com/cashforappliances



SAVE WITH LOCAL UTILITY REBATES

Your new energy efficient HVAC system may qualify you for a rebate from your local service utility company. For information, visit homedepot.com/rebatefinder

HIGH EFFICIENCY MEANS LOWER COSTS

Modern HVAC systems are much more energy efficient than past systems. If your current system is 7 years old or older, your potential energy and cost savings are significant.



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FAMILIARIZE YOURSELF WITH HVAC COMPONENTS

The central heating and cooling system you require depends on many variables – home size and age, number of and efficiency rating of windows, amount of and efficiency rating of insulation, sun exposure, and climate to name just a few. Your installation professional will assess all these factors and more in an in-home consultation then recommend the system components that are right for your home. It's essential that all the components “match” in order to operate efficiently, reduce energy consumption and lower utility bills.

COMMON HEATING & COOLING SYSTEM COMPONENTS

1 AIR CONDITIONER

Also known as a condenser, this exterior unit is paired with a coil (also known as an evaporator) to comprise the system that cools the air in your home.

2 FURNACE

This interior unit heats and circulates air throughout a home's ducts.

3 THERMOSTAT

The temperature control center of your heating and cooling system.



COMPONENTS THAT IMPROVE INDOOR AIR QUALITY

A GERMICIDAL UV LIGHT

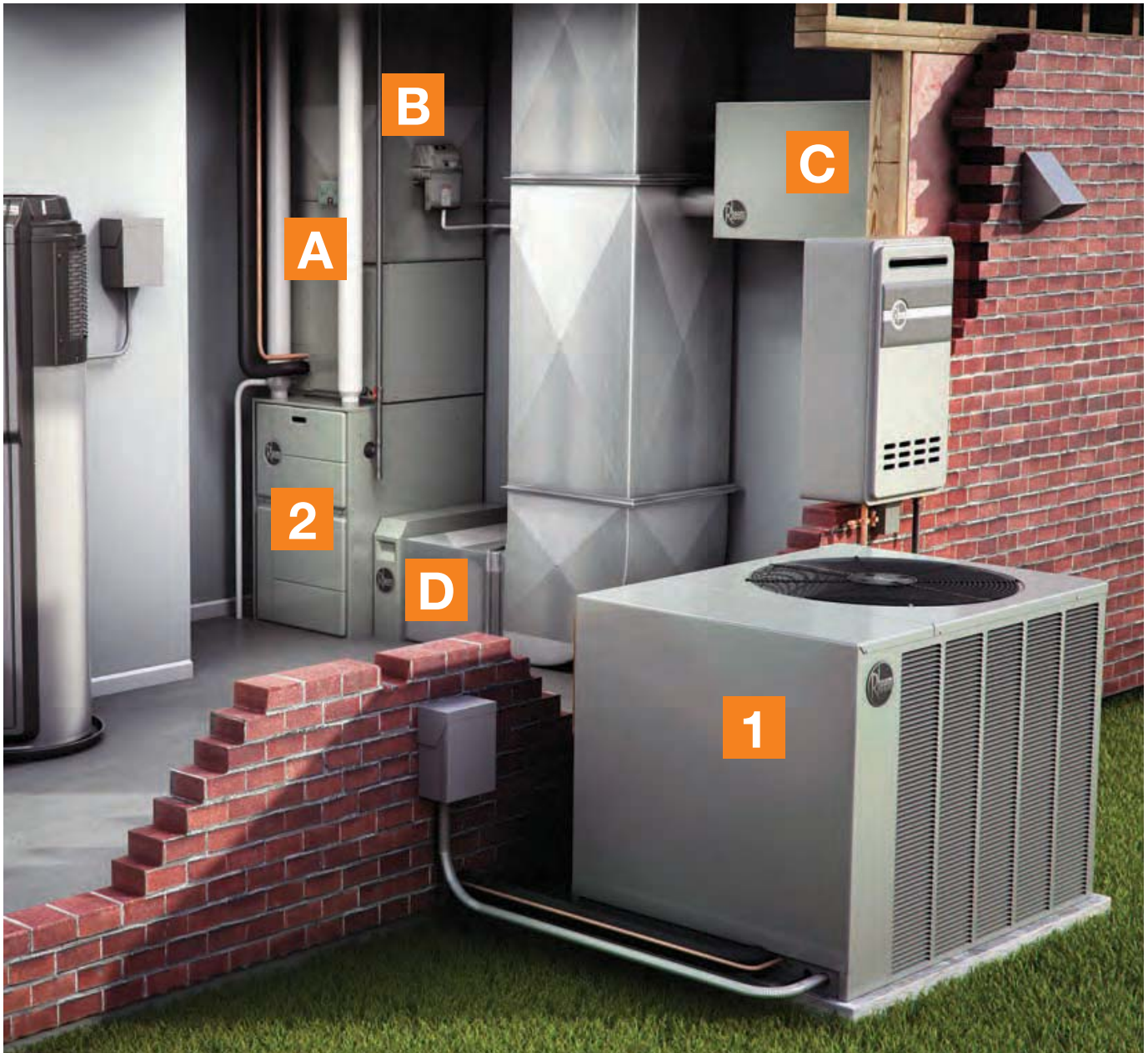
Uses UV (See Terms, page 13.) technology to continuously sterilize and purify the indoor air you breathe and significantly reduce environmental stresses to your immune system.

B CENTRAL HUMIDIFIER

Maintains the proper level of moisture in your home which reduces static electricity and helps you feel warmer and more comfortable.

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(enter code 260)



C ENERGY RECOVERY VENTILATOR

An indoor air quality component that brings fresh outside air into your home while expelling stale air.

D ELECTRONIC AIR CLEANER

Additional filtration intended to reduce airborne allergens providing better air to breathe.

HVAC PRODUCTS VARY BY CLIMATE & HOME

Boilers are common in cold climates. Heat pumps are efficient in hot climates. Evaporative coolers are meant for arid climates. Mini-splits are appropriate in living areas that have no ducts.



More saving. More doing.®



ENERGY EFFICIENT HEATING OPTIONS



TRANE® GAS FURNACES



TRANE XC95M

ULTRA EFFICIENT SYSTEM CONSTANTLY CALIBRATES ITSELF FOR THE BEST PERFORMANCE

- ComfortLink™ II communicating technology connects key components so they charge, configure and calibrate together for maximum efficiency
- Fully modulating heating stages continually and automatically adjust heating and airflow in small increments as the temperature rises and drops to provide maximum efficiency and comfort levels
- Variable speed motor is quiet and provides a consistent flow of warm, comfortable air
- Efficiency rating up to 95% AFUE



TRANE XV95

SUPERIOR SYSTEM RUNS ON A LOWER COST, LOW OUTPUT STAGE EXCEPT WHEN VERY COLD

- Two-stage compressor runs at the lower cost, low output stage when temperatures are mild, switching to the higher cost, high output only when it is very cold
- Variable speed motor is quiet and provides a consistent flow of warm, comfortable air
- Efficiency rating up to 96.7% AFUE



TRANE XR95

TRANE'S HIGHEST EFFICIENCY SINGLE STAGE FURNACE

- Efficient single stage output means more energy dollars go toward heating your home
- Efficiency rating up to 95% AFUE

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ENERGY EFFICIENT HEATING OPTIONS

LENNOX GAS FURNACES

HOME COMFORT SYSTEMS
Innovation never felt so good.™



**DAVE LENNOX SIGNATURE®
COLLECTION SLP98V**

THE MOST EFFICIENT AND QUIETEST FURNACE YOU CAN BUY

- Precise Comfort™ technology automatically adjusts airflow and heat in tiny increments to maximize efficiency and comfort
- Airflex Technology allows every aspect of airflow to be adjusted for a custom comfort solution
- Direct readout diagnostics
- Enabled either to work with the user-friendly icomfort Touch™ full color thermostat that synchronizes all Lennox HVAC products via touchscreen or a traditional 2-stage thermostat
- Efficiency rating up to 98.2% AFUE



**LENNOX ELITE® SERIES
G61V GAS FURNACE**

RUNS AT THE LOWEST STAGE MOST OF THE TIME TO SAVE COSTS

- Two-stage operation runs at the lower, most efficient speed 80% of the time to save in operating costs
- Enhanced humidity control
- Efficiency rating up to 95% AFUE



**LENNOX MERIT®
SERIES G43**

GREAT EFFICIENCY AND RELIABILITY AT AN ECONOMICAL PRICE

- Dependable and energy efficient comfort
- Efficiency rating up to 92.1% AFUE

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WHICH HEATING SYSTEM IS RIGHT FOR YOU?

Central air systems pair an air conditioner with a gas furnace. This type of system is used in colder climates where the greater heating power of a furnace is often necessary in the winter.

Below are some examples of gas furnaces that your installation professional may recommend during your in-home consultation. Top-of-the-line components earn ultra high efficiency ratings and feature technological advances such as automatic operating adjustments and maintenance reminders. All are guaranteed to provide years of dependable performance and comfort in your home.



GAS FURNACES



RHEEM PREMIUM PLATINUM RGRL

EXCELLENT EFFICIENCY PLUS A MONITOR THAT SHOWS MAINTENANCE REMINDERS

- Communicating Comfort Control2 System™ offers 7-day programmability, maintenance reminders, and diagnostics for quicker service
- Automatically makes operating adjustments to all linked components to deliver maximum efficiency and comfort
- Operates on the low-cost, low level except when the temperature is very cold
- Efficiency rating up to 95% AFUE



RHEEM PLATINUM RGRK

SAVES MONEY BY OPERATING ON THE LOWER OF 2 STAGES EXCEPT WHEN IT IS VERY COLD

- Two stages provide economical light duty heating on cool days and heavy duty heating only on very cold days and nights
- Efficiency rating up to 95% AFUE



SURE COMFORT BY RHEEM RGRC

ENERGY EFFICIENT AND ECONOMICAL

- Provides efficient, reliable heating
- Efficiency rating up to 95% AFUE

▲See page 14 for tax credit details.

ADD A HEAT PUMP FOR DUAL FUEL BENEFITS

A dual fuel system pairs an electric heat pump with a gas furnace. Above freezing, the heat pump runs saving money since electricity costs less than gas. The furnace runs only when it's very cold.



More saving. More doing.®



ENERGY EFFICIENT COOLING SOLUTIONS



TRANE® AIR CONDITIONERS & HEAT PUMPS



**TRANE XL20i AIR
CONDITIONER WITH
COMMUNICATING TEE AIR
HANDLER or HEAT PUMP**

CONSTANTLY CALIBRATES ITSELF FOR EXCEPTIONAL EFFICIENCY & PERFORMANCE

- ComfortLink II™ communicating technology connects all key HVAC components so they automatically charge, configure and calibrate together for maximum efficiency
- Enhanced Comfort-R™ airflow gives greater humidity control
- Air conditioner efficiency up to 20 SEER
- Heat pump efficiency up to 19 SEER / 9 HSPF



**TRANE XR15 AIR
CONDITIONER WITH
VARIABLE TEE AIR
HANDLER or HEAT PUMP**

TRANE'S HIGHEST EFFICIENCY SINGLE STAGE SYSTEM

- Variable speed TEE air handler works at the lowest effective speed to save in operating costs
- Air conditioner efficiency up to 17 SEER
- Heat pump efficiency up to 16.5 SEER / 9 HSPF



**TRANE XB14 AIR
CONDITIONER WITH
VARIABLE TEE AIR
HANDLER or HEAT PUMP**

BEST SINGLE STAGE EFFICIENCY RATING FOR THE PRICE

- Variable speed TEE air handler works at the lowest effective speed to save in operating costs
- Air conditioner efficiency up to 16 SEER
- Heat pump efficiency up to 15 SEER / 8.5 HSPF

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ENERGY EFFICIENT COOLING SOLUTIONS



AIR CONDITIONERS & HEAT PUMPS

HOME COMFORT SYSTEMS
Innovation never felt so good.™



DAVE LENNOX SIGNATURE® COLLECTION XC21 AIR CONDITIONER or XP21 HEAT PUMP

THE QUIETEST AND MOST EFFICIENT AIR CONDITIONER OR HEAT PUMP YOU CAN BUY

- Two-stage compressor runs at the most efficient low speed 80% of the time for lower operating costs
- Airflex technology allows every aspect of airflow to be adjusted for a custom comfort solution
- Direct readout diagnostics
- SilentComfort™ technology for sound ratings as low as 69 dB
- Compatible with either icomfort Touch™ full color thermostat or a traditional 2-stage model
- Air conditioning rating up to 21 SEER
- Heat pump efficiency up to 9.7 HSPF



LENNOX ELITE® SERIES XC16 AIR CONDITIONER or XP16 HEAT PUMP

SAVES COSTS BY RUNNING AT THE MOST EFFICIENT STAGE MOST OF THE TIME

- Two-stage compressor runs at the most efficient low speed 80% of the time for lower operating costs
- Air conditioning efficiency up to 17.2 SEER
- Heat pump efficiency up to 9.5 HSPF



LENNOX MERIT SERIES 14ACX AIR CONDITIONER or 14HPX HEAT PUMP

ECONOMICAL, RELIABLE AND ENERGY EFFICIENT

- Provides smooth, efficient and reliable operation
- Air conditioning efficiency starting at 14 SEER
- Heat pump efficiency starting at 7.7 HSPF

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WHICH COOLING SYSTEM IS RIGHT FOR YOU?

Central air systems pair an air conditioner with a gas furnace. This type of system is used in colder climates where the greater heating power of a furnace is often necessary in the winter.

Below are some examples of air conditioners and heat pumps that your installation professional may recommend during your in-home consultation. Heat pump systems are ideal for homes in moderate climates where temperatures seldom drop far below freezing. The all-in-one systems are powered by electricity and provide both heat and cool air.



AIR CONDITIONERS & HEAT PUMPS



RHEEM PREMIUM PLATINUM RASL-JEC AIR CONDITIONER or RPRL-JEC HEAT PUMP

FEATURES ULTRA HIGH EFFICIENCY RATINGS & SUPERIOR COMFORT CONTROLS

- Communicating Comfort Control2 System™ offers 7-day programmability, humidity control, maintenance reminders, and diagnostics for quicker service
- Two-stage system runs at the lower, more economical stage except when it's very hot outside
- Air conditioning efficiency up to 19.5 SEER
- Heat pump efficiency up to 17 SEER / 9.5 HSPF



RHEEM PLATINUM RARL- JEZ AIR CONDITIONER or RPQL-JEZ HEAT PUMP

OFFERS HIGH EFFICIENCY PLUS AN LED DISPLAY OF SERVICE REMINDERS

- Comfort Control2 System™ enhances dependability with an LED display that shows if service is needed
- Two-stage system runs at the lower, more economical stage except when very hot outside
- Air conditioning efficiency up to 17.1 SEER
- Heat pump efficiency up to 15 SEER / 10.3 HSPF



SURE COMFORT BY RHEEM 14AJM AIR CONDITIONER or 15PJL HEAT PUMP

A GREAT VALUE ON AN EFFICIENT AIR CONDITIONER OR HEAT PUMP

- Air conditioning efficiency up to 16.5 SEER
- Heat pump efficiency up to 15 SEER / 8.5 HSPF

▲See page 14 for tax credit details.

IS YOUR DUCTWORK LOSING AIR & MONEY?

When rooms are consistently too hot or cold, inefficient ductwork can be the cause. Your installation professional inspects ductwork as part of your in-home consultation.



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THE IMPORTANCE OF PROPER MAINTENANCE

Regular maintenance will keep your heating and cooling system working at its peak performance level. Several minor maintenance tasks (noted below) can be performed on your own. In addition, it is essential that you schedule twice-a-year maintenance visits with a heating and cooling service professional. Failure to do so could void your heating and cooling equipment warranty.

MAINTENANCE CHECKLIST

- ☐ Inspect, clean, or change air filters regularly based on the instructions in the user manual included with the equipment
- ☐ Replace air filters with the most efficient option available. Air filter efficiency is rated in MERVs (See Terms, page 13.). The higher the MERV rating, the more efficient the filter is. Visit [homedepot.com/airfilter](https://www.homedepot.com/airfilter) or your local store to stock up on the filter size and style you need
- ☐ Adjust programmable thermostat settings when the weather changes and the family's schedule changes so that the system saves energy when everyone is away from home
- ☐ Trim landscaping as necessary to keep plants at least 18" from your exterior unit so that it can circulate air properly
- ☐ Schedule a maintenance visit with a heating and cooling professional twice a year



Extended Service Agreement

PROTECT YOUR HVAC INVESTMENT FOR YEARS TO COME

Knowledgeable, reliable service is just a phone call away when you purchase an extended service agreement through The Home Depot for your current HVAC system or new HVAC system. An extended service agreement offers:

MONEY SAVINGS

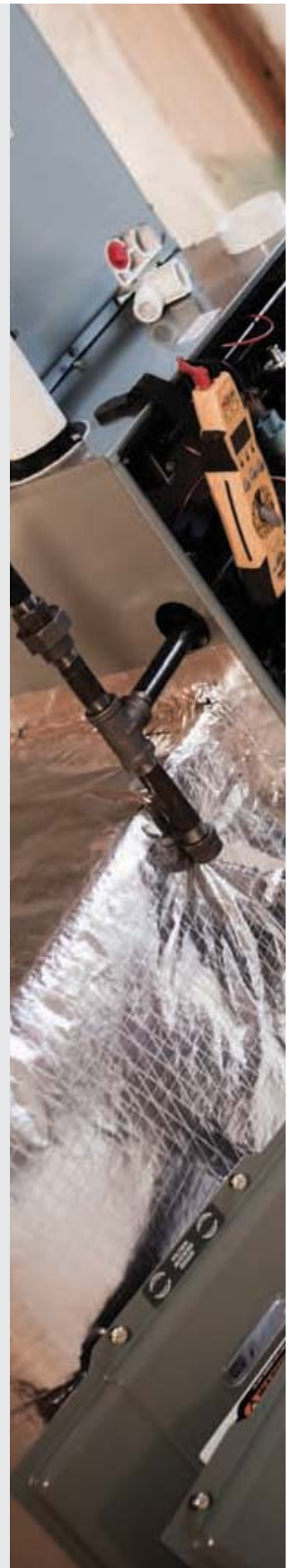
- Protect your investment with a 5, 10 or 12 year extended service agreement

CONVENIENT SERVICE

- One call and we handle it all

PEACE OF MIND

- Complete parts and labor coverage on any mechanical or electrical failure



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or visit [homedepot.com/heatingandcooling](https://www.homedepot.com/heatingandcooling)



HVAC TERMS TO KNOW

AFUE Annual Fuel Utilization Efficiency. Measures a gas furnace's efficiency. The higher the AFUE rating, the more efficient the unit.

BTU British Thermal Unit. Represents the measure of heat given off when fuel is burned for heating.

CAPACITY Refers to a unit's ability to cool or heat a space. Usually measured in BTUs or tons.

CONDENSER In an air conditioning system, it dissipates heat from the refrigerant, changing the refrigerant from vapor to liquid. In a heat pump system, the coil absorbs heat from the outdoors in the heating mode.

DUCTS The pipes or channels that carry air throughout the home.

HSPF Heating Seasonal Performance Factor measures the heating efficiency of a heat pump. The higher the number, the more efficient the unit.

HVAC Heating Ventilating and Air Conditioning.

MERV Minimum Efficiency Reporting Value. Measures efficiency of air filters.

REFRIGERANT A chemical that produces a cooling effect. R-22 or R-410A are common in residential systems.

SEER Seasonal Energy Efficiency Ratio. Measures cooling efficiency in air conditioners and heat pumps. The higher the SEER, the more efficient the unit.

THERMOSTAT The control center of a heating and cooling system.

TON Unit of measurement used for determining cooling capacity. One ton equals 12,000 BTUs per hour.

UV Ultraviolet. Ultraviolet light is high-frequency light above the visible spectrum.

ZONING Method of dividing a home into different areas or zones that can be independently controlled.

WHY BUY A PROGRAMMABLE THERMOSTAT?

You can save up to \$180 per year on energy costs just by programming your thermostat to reduce heating and cooling when you don't need as much.



More saving. More doing.®

Offers: Unless otherwise noted, all offers are valid in continental U.S. The Home Depot® stores only (las ofertas son válidas sólo en las tiendas The Home Depot® de los EE.UU. continental) and are not valid on prior purchases, clearance merchandise, purchases of gift cards, and may not be combined with any other offer. Void where prohibited. See store Associate for details on offers. **BUY NOW WITH CREDIT** *Key Credit Terms: **No Interest If Paid In Full Within 12 Months* On Any Installed Heating or Air Conditioning Purchases That Total \$299 or More on The Home Depot Consumer Credit Card. Minimum Payments Required. Interest will be charged to your account from the purchase date if the purchase balance (including premiums for optional credit insurance) is not paid in full within 12 months or if you make a late payment.**

*With credit approval for qualifying purchases made on The Home Depot or EXPO Design Center Consumer Credit Card, Rates as low as **17.99% APR**; Actual rates from **17.99% – 26.99% APR**; Fewer than half of applicants will qualify for a rate of less than **25.99% APR**. Penalty **APR 29.99%** (rates may vary). Minimum **INTEREST CHARGE: \$2**. See card agreement for details including when the penalty rate applies. Offer is only valid for consumer accounts. 6 month offer subject to change without notice.
12 month offer valid 2/22/10-1/31/11.

Based on modified versions of the heating and cooling calculations found in version 8 of the Manual J from ACCA. For more details, see <http://www.acca.org/store/product.php?pid=172>. ♦All installation services provided by insured, licensed (where applicable) and background screened independent contractor The Home Depot Authorized Service Providers. License numbers held by or on behalf of Home Depot U.S.A., Inc. available @ homedepot.com/licensenumbers or at the Special Services Desk in The Home Depot Store. **AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 ▲Purchase select energy-saving products from 1/1/09 – 12/31/10 & you may be eligible to receive a federal tax credit under the “American Recovery & Reinvestment Act of 2009”. Visit homedepot.com/taxcredit for more information. We reserve the right to limit quantities to the amount reasonable for our regular customers. In the event of an error, we will make every reasonable effort to accommodate our customer. Details on any product warranty available at store. ©2010 Homer TLC, Inc. All rights reserved.

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