



# Echelon™ Series Air Conditioners

Every Moment Deserves Coleman® HVAC Comfort

TCHD Model 13 SEER



# Comfort for all the times of your life

## Get a great feeling

Your special moments deserve to be lived in full Coleman® HVAC Comfort. From breakfast time to family time to bed time, a new Coleman® HVAC system makes every day feel great.



## Comfort with a conscience

These days, energy costs and environmental issues concern everyone. You'll feel good knowing your Echelon™ unit comes with energy-efficient, environmentally friendly R-410A refrigerant.

## Perfect fit for your neighborhood

The slim profile of the TCHD design fits maximum performance in minimum space. The result is an outdoor unit that's ideal for tight spaces and zero-lot-line homes.

## Less noise, more comfort

Enjoy peace and quiet with your Echelon™ unit's sound-damping design. We use the quietest compressor available and enclose it in an isolated cabinet. Plus, sleek fan design and smooth air flow make an Echelon™ system so silent, you may never notice it's running.



\* For every 3 dB quieter, sound power is reduced 50%!

# Coleman® Echelon™ Series

## Savings you can see

Advanced Echelon™ air conditioners double efficiency over many older units. Factor in higher reliability and reduced service costs, and an Echelon™ purchase pays for itself fast.

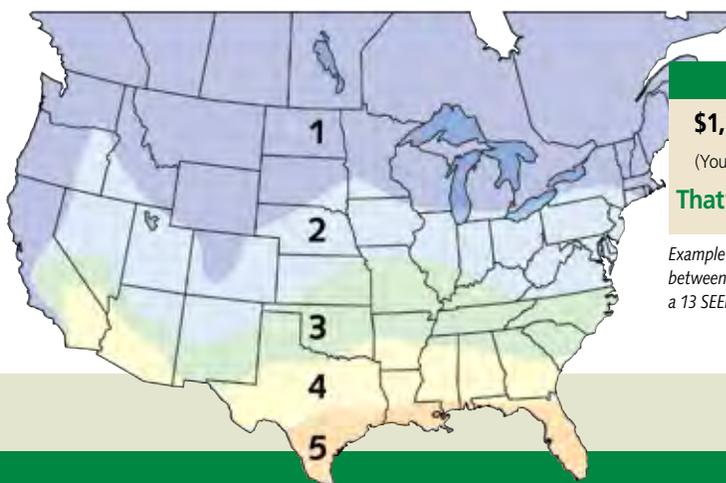
Cooling Efficiencies SEER	Approximate Annual Cooling Operating Costs				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6	\$ 479	\$ 614	\$ 833	\$ 866	\$1,359
8	\$ 359	\$ 455	\$ 625	\$ 649	\$1,020
10	\$ 288	\$ 368	\$ 500	\$ 519	\$ 815
12	\$ 239	\$ 307	\$ 417	\$ 432	\$ 680
13	\$ 222	\$ 285	\$ 386	\$ 402	\$ 631
14.5	\$ 207	\$ 265	\$ 360	\$ 375	\$ 589
15	\$ 192	\$ 246	\$ 334	\$ 348	\$ 546
18	\$ 161	\$ 206	\$ 280	\$ 290	\$ 456

*(Based on 2005 DOE national average price for electricity [0.0945/kwh]. Assuming the use of 36,000 BTU nominal capacity. Cooling based on Bin data. Operating cost based on 2,100 sq. ft. and occupancy of 4 people. Actual savings may vary.)*

## To use the map and chart:

First, determine the SEER of your current system. Then using the map, find your zone. Cross-reference your zone and SEER in the table to determine your approximate operating cost. Take the difference between your current cost and that of a new, more efficient system to learn your estimated annual savings.

*Seasonal Energy Efficiency Ratio (SEER) is a measure of air-cooling efficiency. The government's minimum rating for new air conditioning systems is 13 SEER.*



Example:

**\$1,359 – \$631 = \$728**

(Your estimated annual savings)

**That's a savings of 54%!**

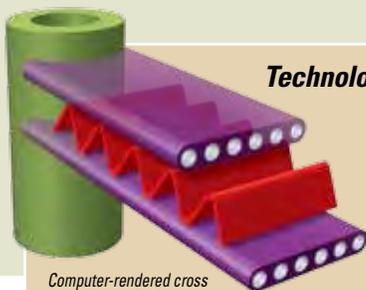
*Example is based on the difference between a 6 SEER three-ton unit and a 13 SEER unit in zone 5.*

## Rugged, reliable product design

*Nominal 13 SEER (up to 15.5 SEER when used with a variable-speed indoor blower, depending on size and application).*

*Space-saving MicroChannel Coil technology requires less refrigerant.*

*Powder painted steel for long-term durability in the harshest environments.*



### Technology beyond measure

*Unique MicroChannel Coil construction creates a superior heat exchange surface that allows a smaller unit to provide more performance in less space.*



## WhisperDrive™

*The WhisperDrive™ System utilizes a swept-wing fan design, isolated compressor compartment and high-efficiency compressor technology to provide quieter operation and more energy efficient performance.*

*Zero-lot-line application; requires only a 6-inch clearance.*

*High-efficiency scroll compressor and swept-wing fan design for efficient operation and industry-leading sound quality.*



## Warrantied for years of comfort

Every Coleman® HVAC system is backed with the best limited warranties available:

### Standard Warranty

10 years on parts\*  
10 years on compressor.



\*Extended 10-year limited parts warranty requires online registration within 90 days of installation. Otherwise, the warranty reverts to a 5-year limited parts warranty. The 10-year limited parts warranty does not apply to R-22 models, three-phase models or internet sales. Please see Limited Warranty certificate in User's Manual for details.

## How comfortable is your wallet?

By matching your Coleman® HVAC system with Coleman® HVAC variable-speed air handlers and furnaces, you will maximize energy efficiency and likely qualify for various rebates.

Ask your Coleman® HVAC Contractor about rebates offered in your area. And ask about Coleman® HVAC fans, filters, IAQ equipment and advanced controls to complete your system. Talking to your contractor will keep you informed, save you money and time, and protect your family's health—all part of Coleman® HVAC Comfort.



## Financing plans that feel right

Ask your Coleman® HVAC Contractor about special financing options. Applying is easy, and upon approval, you'll enjoy low monthly payments and financing offers.



## Visit our website

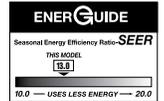
Learn how Coleman® HVAC products can improve your home comfort at [www.colemanac.com](http://www.colemanac.com). Our website is the perfect place to get acquainted with our wide range of products.

## Have your Coleman® HVAC Contractor specify the system that performs best for your home

### Echelon™ TCHD Model Air Conditioners

Model*	Nominal Capacity (tons)	Nominal Cooling (SEER)	Dimensions (inches)			Operating Weight (lbs.)
			Height	Width	Depth	
TCHD18S41S1	1.5	13.0	25-1/4	37-1/4	17-1/2	130
TCHD24S41S1	2.0	13.0	25-1/4	37-1/4	17-1/2	135
TCHD30S41S1*	2.5	13.0	37-1/4	45	20	195
TCHD36S41S1*	3.0	13.0	37-1/4	45	20	215
TCHD48S41S1*	4.0	13.0	43-1/4	45	20	240
TCHD60S41S1*	5.0	13.0	43-1/4	45	20	250

\*Select models available in three-phase.



HEATING & AIR CONDITIONING

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