


2013 Guide to High Efficiency Air Conditioning

As a sales tool, our annual guide enables you to compare the industry's top units side-by-side. For more information on any of these products, circle the appropriate circle number(s) at the back of this issue or visit us online at www.contractingbusiness.com.

Company or Brand/Model	Compressor Type	Efficiency Rating	Refrigerant Used	Sound Level	Elect. Rating/ Breaker Size	Dimensions (in.)	Special Features
AIR EASE 4SCU18LT www.airease.com circle 168	 Two Stage Scroll	18 SEER	R-410A	72 db	208/230/60/1 25-60 amps	44 H 38 W 36 D	Comfort Sync™ communicating system
AMANA ASXC18 www.amana-hac.com circle 169	 Copeland Two Stage Scroll UltraTech®	18 SEER	R-410A	71 db	208/230/60/1	38¼ H 35½ W 35½ D	ComfortNet™ Compatible
AMERICAN STANDARD Platinum XM www.americanstandardair.com circle 170	 Scroll	18 SEER	R-410A	72-74 db	35 amps	45 H 34 W 37 D	Two-stage Duration™ Compressor
ARCOAIRE DXT+(HCA7) www.goarcoaire.com circle 171	 Copeland Scroll UltraTech®	17.5 SEER	R-410A	71-72 db	20-50 amps	39-47 H 31-35 W 31-35 D	Compatible with Observer™ system
ARMSTRONG AIR 4SCU18LT www.armstrongair.com circle 172	 Two Stage Scroll	18 SEER	R-410A	72 db	208/230/60/1 25-60 amps	44 H 38 W 36 D	Comfort Sync™ communicating system
BROAN FT4BG www.broanhvac.net circle 173	 Rotary	19 SEER	R-410A	60-72 db	208/230/60/1	37-45 H 31¼ W 31¼ D	Requires two-stage heating/ three stage heating.
BRYANT 180B www.bryant.com circle 174	 Two Stage Scroll	20 SEER	Puron®	66 db	25-60 amps	41-47 H 35 W 35 D	Compatible with Evolution™ Control
CARRIER 24ANB1 www.carrier.com circle 175	 Two Stage Scroll	21 SEER	Puron®	65 db	25-60 amps	41-47 H 35 W 35 D	Optimized by Infinity® Control
CLIMATEMASTER Tranquility® Digital Series www.climatemaster.com circle 176	 Copeland Scroll UltraTech®	30 EER	EarthPure® HFC-410A	N/A	N/A	N/A	Driven by iGate two-way communicating controls.





2013 Guide to **High Efficiency Air Conditioning**

Company or Brand/Model	Compressor Type	Efficiency Rating	Refrigerant Used	Sound Level	Elect. Rating/ Breaker Size	Dimensions (in.)	Special Features
COLEMAN Echelon Split System (AC8B) www.colemanhvacdealer.com circle 177 	Two Stage Scroll	18 SEER	R-410A	70-74 db	20-35 amps	40 H 42¼ W 34 D	Whisper-Drive™ system
COMFORT-AIRE RSG1436S1E www.comfort-aire.com circle 178 	Scroll	15 SEER	R-410A	N/A	30 amps	39 H 31 W 31 D	Micro-channel coils
COMFORTMAKER SoftSound™ SXT www.gocomfortmaker.com circle 179 	Copeland Scroll UltraTech®	17.5 SEER	R-410A	71-72 db	20-50 amps	39-47 H 31-35 W 31-35 D	Compatible with Observer™ System
DAIKIN AC Quaternity™ www.daikinac.com circle 180 	Swing Type Inverter	26.1 SEER	R-410A	48-49 db	15 amps	22 H 31 W 11 D	SEER rating of 26.1
DAY & NIGHT ConstantComfort™ SXT www.godayandnight.com circle 181 	Copeland Scroll UltraTech®	19 SEER	R-410A	66-73 db	20-50 amps	47 H 35 W 35 D	Compatible with Observer™ System
DUCANE 4AC16LT www.ducanehvac.com circle 182 	Two Stage Scroll	16 SEER	R-410A	73 db	208/230/60/1 20-55 amps	33 H 26 W 24 D	Valves are positioned for quick installation.
FRIEDRICH MO9CH www.friedrich.com circle 183 	Inverter	22 SEER	R-410A	26-38 db	115v	23½ H 33 ⁵ / ₁₄ W 12 ⁹ / ₁₄ D	Uses 115v power to adjust cooling capacity.
FRIGIDAIRE FT4BI www.frigidaire.net circle 184 	Inverter-driven rotary	22 SEER	R-410A	59-72 db	208/230/60/1	37-45 H 31¼ W 31¼ D	Inverter modulates between 40% and 118% of capacity.
GOODMAN DSXC18 www.goodmanmfg.com circle 185 	Copeland Two Stage Scroll UltraTech®	18 SEER	R-410A	71 db	208/230/60/1	38¼ H 35½ W 35½ D	ComfortNet™ Control System
HEIL QuietComfort® DXT+ www.GoHeil.com circle 186 	Copeland Two Stage Scroll UltraTech®	17.5 SEER	R-410A	71-72 db	20-50 amps	39-47 H 31-35 W 31-35 D	Compatible with Observer™ system

2012 Guide to **High Efficiency Air Conditioning**

Company or Brand/Model	Compressor Type	Efficiency Rating	Refrigerant Used	Sound Level	Elect. Rating/ Breaker Size	Dimensions (in.)	Special Features
LENNOX XC25 www.lennox.com circle 187 	Inverter	25 SEER	R-410A	65 db	208/230	47 H 35½ W 39½ D	Uses Precise Comfort™ technology
LG Art Cool™ Premier www.lghvac.com circle 188 	Inverter	28 SEER	R-410A	17-51 db	208/230/60/1	34 ¾ H 11 ⅝ W 9¼ D	SEER of up to 28
LUXAIRE Acclimate™ Split System www.joinluxaire.com circle 189 	Two Stage Scroll	18 SEER	R-410A	70-74 db	N/A	40 H 42¼ W 34 D	SilentDrive™ System
MAYTAG iQ Drive® PSA4BI www.maytaghvac.com circle 190 	Inverter	24.5 SEER	R-410A	59-72 db	208/230/60/1	11 ⅝ H 31 ⅜ W 10 ⅛ D	Inverter modulates between 40% and 118% of capacity.
MITSUBISHI ELECTRIC MSZ-FE09NA-8 www.mitsubishipro.com circle 191 	Inverter	15.5 EER	R-410A	22-42 db	15 amps	11 ⅝ H 31 ⅜ W 10 ⅛ D	i-see™ Sensor
NUTONE FT4BG www.nutonehvac.com circle 192 	Rotary	19 SEER	R-410A	60-72 db	208/230/60/1	37-45 H 31¼ W 31¼ D	Requires two-stage heating/three stage heating
PANASONIC CS-XE9PKUA www.panasonic.com circle 193 	Inverter	28 SEER	R-410A	23 db	15 amps	11½ H 35 W	Eco-Navi feature
PAYNE PA17NA www.payne.com circle 194 	Two Stage Scroll	17.7 SEER	R-410A	73 db	20-50 amps	36-39 H 31-35 W 31-35 D	Energy-saving performance
RHEEM Prestige™ Series www.rheem.com circle 195 	Scroll	19.5 SEER	R-410A	67 db	25-60 amps	33 H 31½ W 44 ¾ D	Comfort Control ² System
RUUD Ultra Series www.ruud.com circle 196 	Scroll	19.5 SEER	R-410A	66-73 db	25-60 amps	33 H 31½ W 44 ¾ D	Comfort Control ² System
TAPPAN iQ Drive® FS4BI www.tappan.net circle 197 	Inverter	24.5 SEER	R-410A	59-72 db	200/230/60/1	37-45 H 31¼ W 31¼ D	Inverter modulates between 40% and 118% of capacity.

2013 Guide to High Efficiency Air Conditioning

Company or Brand/Model	Compressor Type	Efficiency Rating	Refrigerant Used	Sound Level	Elect. Rating/ Breaker Size	Dimensions (in.)	Special Features
TEMPSTAR SmartComfort® TXT+ www.gotempstar.com circle 198 	Copeland Scroll UltraTech®	19 SEER	R-410A	66-73 db	20-50 amps	47 H 35 W 35 D	Compatible with Observer™ system
TRANE XL 18i www.trane.com circle 199 	Climatuff™ two stage scroll	18 SEER	R-410A	73-75 db	35 amps	50 H 37 W 34 D	Spine Fin™ coil
WESTINGHOUSE iQ Drive® FS4BI www.westinghousehvac.com circle 200 	Inverter	24.5 SEER	R-410A	59-72 db	200/230/60/1	37-45 H 31¼ W 31¼ D	Inverter modulates between 40% and 118% of capacity.
YORK Affinity™ CZH www.yorkhvacdealer.com circle 201 	Two stage scroll	18 SEER	R-410A	70-74 db	N/A	40 H 42¼ W 34 D	QuietDrive™ System

You can do that from here?



JACKSON SYSTEMS
Controls Done Right™

REMOTE DIAGNOSIS

saves the contractor and end user time and money

SYSTEM ALERTS

program alerts to be sent to contractor and/or facility manager

ENERGY SAVINGS

control single thermostats or groups of thermostats

365-DAY CALENDAR

can set overrides for scheduling rooms or unplanned closures

REPORTING

easy to use reports help track energy usage and savings

ACCESS FROM ANYWHERE

IN THE WORLD VIA THE INTERNET

WEB COMFORT™ 888-652-9663
www.jacksonsystems.com/webcomfort

circle 15 on reader service card