

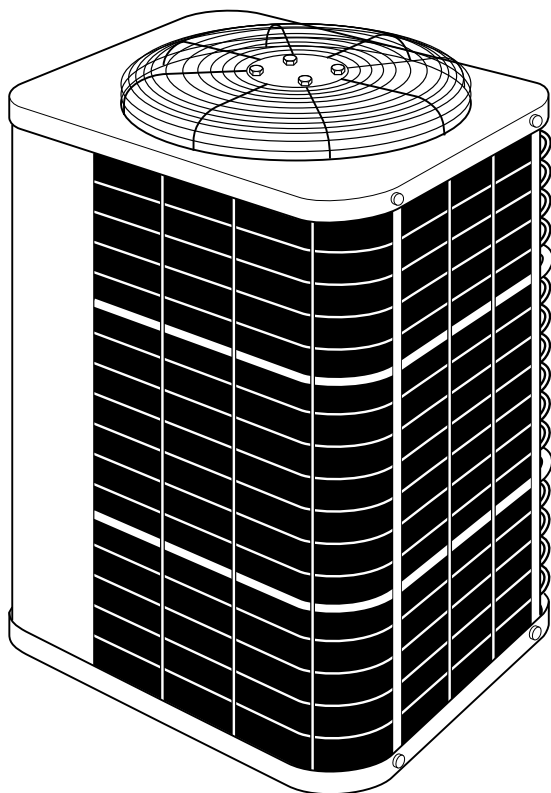


Heating & Cooling Systems

ELECTRIC AIR CONDITIONER WITH R-410A

550A (60 Hz)

Sizes 024 thru 048



The Reliant **AeroQuiet System (AQS)** consists of 3 design features to achieve ultra-low sound ratings.

Aerocooustic Design featuring the Aeromax opening and wire dome top results in quieter and more efficient operation.

Energy-Efficient Fan and Fan Motor provide a slower fan motor, reducing noise and improving efficiency.

Advanced Sound Hood to muffle noise from operation.

Model 550A Energy-Efficient Air Conditioners incorporate innovative scroll compressor technology to provide quiet, reliable summer cooling performance. Built into these units are the features most desired by homeowners today including ratings up to 14 SEER when used with components as designated by manufacturer. All models are listed with UL, c-UL, ARI, CEC, Green Seal, and Energy Star.

FEATURES

ELECTRICAL RANGE—All units are offered in 208/230v single phase only.

WIDE RANGE OF SIZES—Available in 5 nominal sizes from 024 through 048 to meet the needs of residential and light commercial applications.

WEATHER-PROTECTIVE CABINET—Steel is galvanized and coated with a layer of zinc phosphate. A coat of modified polyester powder coating is then applied and baked-on, providing each unit with a durable finish that will last for many years.

All screws on cabinet exterior are coated for a long-lasting, rust-resistant, quality appearance.

TOTALLY ENCLOSED FAN MOTOR—Means greater reliability under rain conditions and dependable performance for many years. Permanent-split-capacitor-type motors provide more economical operation.

BUILT-IN-RELIABLE COMPONENTS—Includes high-pressure switch for high-pressure protection; low-pressure switch for loss of charge; and a liquid-line filter drier to remove any moisture from the system.

UNIT DESIGN—Copper tube, enhanced aluminum fin coil is designed for optimum heat transfer. Vertical air discharge carries sound and hot condenser air up and away from adjacent patio areas and foliage. New heat pump style base pan for easy removal of water, dirt, and leaves.

APPLICATION VERSATILITY—The 550A can be combined with a wide variety of evaporator coils and blower packages to provide quiet, dependable comfort. Unit can be installed on a roof or at ground level on a slab.

EXTERNAL SERVICE VALVES—Both service valves are brass, back seating type with sweat connections. Valves are externally located so refrigerant tube connections can be made quickly and easily. Each valve has a service port for ease of checking operating refrigerant pressures.

EASY SERVICEABILITY—One access panel provides access to electrical controls and compressor. Removal of wire dome gives access to fan motor and removal of the top gives access to the coil.

REFRIGERANT—The environmentally-safe refrigerant we use in the 550A is R-410A. This advanced refrigerant contains no chlorine which can contribute to ozone depletion in our atmosphere, so it's a smart choice for homeowners who are concerned with protecting our environment, now and for future generations. And it's a smart choice for anyone interested in high-efficiency cooling.

COMPRESSOR PROTECTION—Each scroll compressor motor is protected with internal temperature and current-sensitive overloads. For improved serviceability each compressor (024–048) is equipped with a compressor terminal plug.

SOUND HOOD—A thick, sound dampening material wrapped around the compressor, to muffle operational noise.

LIMITED WARRANTY—Standard 1 year on parts, with an additional 9 years on compressor.

CHECK-FLO-RATER® PISTON

CONDENSING UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
024-A	61
030-A	63
036-A	70
042-A	73
048-A	78

*Piston listed is for any approved non-capillary tube coil combination. Piston is shipped with outdoor unit and must be installed in an approved indoor coil.



As an ENERGY STAR partner, BDP Company has determined that this product meets the ENERGY STAR guidelines for energy efficiency.



This product meets Green Seal criteria for manufacturing, energy efficiency, sound levels, and packaging. It contains no CFCs or HCFCs.



CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI.



CERTIFICATION OF MANUFACTURING SITE.

SPECIFICATIONS

UNIT SIZE-SERIES	024-A	030-A	036-A	042-A	048-A
Operating Weight (Lb)	209	201	234	242	290
ELECTRICAL					
Unit Volts—Hertz—Phase	208/230—60—1				
Operating Voltage Range††	187—253				
Compressor— Rated Load Amps	13.5	14.7	15.4	18.6	20.5
Locked Rotor Amps	61.0	72.5	83.0	109.0	109.0
Condenser Fan Motor—Full Load Amps	0.73	0.73	1.1	1.1	1.4
Min Unit Ampacity for Wire Sizing	17.6	19.2	20.2	24.2	27.0
Min Wire Size (60°C/75°C Copper) AWG*	14/14	14/14	12/12	10/10	10/10
Max Wire Length 60°C/75°C (Ft)**	44/42	41/39	62/59	80/76	73/70
Max Branch Circuit Fuse or HACR Type Circuit Breaker Size (Amps)	25	30	30	40	40
COMPRESSOR & REFRIGERANT					
Compressor—Manufacturer & Type	Copeland Scroll				
Temperature & Current Protection	Internal Line Break				
Refrigerant—Type & Amount (Lb)	R-410A & 6.00	R-410A & 6.00	R-410A & 6.88	R-410A & 8.75	R-410A & 10.13
Refrigerant Tubes (In. OD) Vapor & Liquid (Up to 50 ft)	5/8 & 3/8	3/4 & 3/8	3/4 & 3/8	7/8 & 3/8	7/8 & 3/8
CONDENSER COIL & FAN					
Coil—Height x Width (Sq Ft)	15.2	12.2	15.2	18.3	
Fan Motor—HP (PSC) & RPM	1/8 & 824		1/5 & 825		1/4 & 1100
Volts—Hertz—Phase	208/230—60—1				
Condenser Airflow (CFM)	2600	2500	2800	3300	
OPTIONAL EQUIPMENT					
Support Feet	KSASF0101AAA				
Time Delay Relay	KAATD0101TDR				
Cycle Protector	KSACY0101AAA				
Crankcase Heater	KAACH1201AAA				Standard
Start Assist—PTC Type	KAACS0201PTC				
Start Assist—Capacitor/Relay Type	KSAHS0401AAA				KSASHS0801AAA
Sound Hood	Standard				
TXV (Hard Shutoff)	KAATX1901HSO	KAATX2001HSO	KAATX2101HSO	KAATX2201HSO	KAATX2301HSO
Low-Pressure Switch	Standard				
High-Pressure Switch	Standard				
Filter Drier (Suction Line)	KH45LG140 (RCD)			KH45LG141 (RCD)	
Coastal Filter	KAACF0201MED				
Liquid Solenoid Valve	KAALS0201LLS				
Low-Ambient Controller	P251-0083 (RCD)				
Winter Start Control	KAAWS0101AAA‡				
Evaporator Freeze Thermostat	KAAFT0101AAA‡				
Thermostat/Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATXXNAC01-A‡‡				
Thermostat/Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATXXPAC01-A‡‡				
Thermostat, Manual Changeover, Non-Programmable, °F, 1-Stage Heat, 1-Stage Cool	HH07AT212				
Outdoor Sensor	TSTATBBSEN01				
MotorMaster® Control	32LT660004*** (RCD)				
Ball Bearing Fan Motor	HC38GE230 (RCD)				HC40GE230 (RCD)

* If wire is applied at ambient greater than 30°C (86°F), consult Table 310-16 of the NEC (ANSI/NFPA 70).

The ampacity of nonmetallic-sheathed cable (NM), trade name ROMEX, shall be that of 60°C (140°F) conductors, per the NEC (ANSI/NFPA 70) Article 336-36. If other than uncoated (non-plated), 60 or 75°C (140 or 167°F) insulation, copper wire (solid wire for 10 AWG and smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

‡ See low-ambient controller Installation Instructions for application.

** Length shown is as measured 1 way along wire path between unit and service panel for a voltage drop not to exceed 2%.

†† Permissible limits of the voltage range at which the unit will operate satisfactorily. Operation outside these limits may result in unit failure.

‡‡ Where XX appears, insert BB for Bryant, DD for Day & Night, or PP for Payne brand.

*** Fan motor with ball bearings required.

N/A — Not Applicable.

NOTE: Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

RATINGS AND PERFORMANCE

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	FIELD-SUPPLIED ACCESSORY		SOUND RATING (dBA)‡
					TDR†	TXV	
024-A	CC5A/CD5A/CD5BA024	24,000	NONE	—	12.50	12.50	70
	CC5A/CD5A/CD5BA030*	24,000	NONE	—	13.00	13.00	70
	CC5A/CD5A/CD5BW024	24,000	NONE	—	12.50	12.50	70
	CC5A/CD5A/CD5BW030	24,000	NONE	—	13.00	13.00	70
	CD3(A,B)A024	24,000	NONE	—	12.50	12.50	70
	CD3(A,B)A030	24,000	NONE	—	13.00	13.00	70
	CD3CA024	24,000	NONE	—	12.50	12.50	70
	CD3CA030	24,000	NONE	—	12.50	12.50	70
	CE3AA024	24,000	NONE	—	12.50	12.50	70
	CE3AA030	24,000	NONE	—	13.00	13.00	70
	CF5AA024	24,000	NONE	—	12.50	12.50	70
	F(A,B)4ANF024	24,000	TDR	12.50	—	12.50	70
	F(A,B)4ANF030	24,000	TDR	13.00	—	13.00	70
	FD3ANA024	24,000	NONE	12.50	—	12.50	70
	FD3ANA030	24,000	NONE	12.50	—	12.50	70
	FF1(A,B)NA024	24,000	TDR	12.50	—	12.50	70
	FF1(A,B)NA030	24,000	TDR	13.00	—	13.00	70
	FG3AA024	24,000	NONE	—	12.00	12.00	70
	FK4CNF002**	26,000	TDR	—	—	14.00	70
	FK4CNF003**	28,000	TDR	—	—	14.00	70
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BA030	24,000	TDR	14.00	—	14.00	70
	CC5A/CD5A/CD5BW024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BW030	24,000	TDR	14.00	—	14.00	70
	CD3(A,B)A024	24,000	TDR	13.50	—	13.50	70
	CD3(A,B)A030	24,000	TDR	14.00	—	14.00	70
	CD3CA024	24,000	TDR	13.20	—	13.20	70
	CD3CA030	24,000	TDR	13.20	—	13.20	70
	CE3AA024	24,000	TDR	13.50	—	13.50	70
	CE3AA030	24,000	TDR	14.00	—	14.00	70
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BA030	24,000	TDR	14.00	—	14.00	70
	CC5A/CD5A/CD5BW024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BW030	24,000	TDR	14.00	—	14.00	70
	CD3(A,B)A024	24,000	TDR	13.50	—	13.50	70
	CD3(A,B)A030	24,000	TDR	14.00	—	14.00	70
	CD3CA024	24,000	TDR	13.50	—	13.50	70
	CD3CA030	24,000	TDR	13.50	—	13.50	70
	CE3AA024	24,000	TDR	13.50	—	13.50	70
	CE3AA030	24,000	TDR	14.00	—	14.00	70
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BA030	24,000	TDR	14.00	—	14.00	70
	CC5A/CD5A/CD5BW024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BW030	24,000	TDR	14.00	—	14.00	70
	CD3(A,B)A024	24,000	TDR	13.50	—	13.50	70
	CD3(A,B)A030	24,000	TDR	14.00	—	14.00	70
	CD3CA024	24,000	TDR	13.50	—	13.50	70
	CD3CA030	24,000	TDR	13.50	—	13.50	70
	CE3AA024	24,000	TDR	13.50	—	13.50	70
	CE3AA030	24,000	TDR	14.00	—	14.00	70
	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BA030	24,000	TDR	14.00	—	14.00	70
	CC5A/CD5A/CD5BW024	24,000	TDR	13.50	—	13.50	70
	CC5A/CD5A/CD5BW030	24,000	TDR	14.00	—	14.00	70
	CD3(A,B)A024	24,000	TDR	13.50	—	13.50	70
	CD3(A,B)A030	24,000	TDR	14.00	—	14.00	70
	CD3CA024	24,000	TDR	13.20	—	13.20	70
	CE3AA024	24,000	TDR	13.50	—	13.50	70
	CE3AA030	24,000	TDR	14.00	—	14.00	70
	CD3CA030	24,000	TDR	13.20	—	13.20	70
030-A	CC5A/CD5A/CD5BA030	28,000	NONE	—	12.50	12.50	71
	CC5A/CD5A/CD5BA036*	29,000	NONE	—	13.00	13.00	71
	CC5A/CD5A/CD5BW030	28,000	NONE	—	12.50	12.50	71
	CD3(A,B)A030	28,000	NONE	—	12.50	12.50	71
	CD3(A,B)A036	29,000	NONE	—	13.00	13.00	71
	CD3CA030	27,600	NONE	—	12.20	12.20	71
	CD3CA036	28,000	NONE	—	12.20	12.20	71
	CD5A/CD5BW036	29,000	NONE	—	13.00	13.00	71
	CE3AA030	28,000	NONE	—	12.50	12.50	71
	CE3AA036	28,400	NONE	—	12.50	12.50	71
	CF5AA036	28,400	NONE	—	12.50	12.50	71
	F(A,B)4ANF030	28,600	TDR	12.50	—	12.50	71
	F(A,B)4ANF036	29,000	TDR	12.50	—	12.50	71
	FD3ANA030	28,000	NONE	12.20	—	12.20	71
	FF1(A,B)NA030	28,600	TDR	12.50	—	12.50	71
	FG3AAA036	28,400	NONE	—	12.50	12.50	71

See notes on page 9.

RATINGS AND PERFORMANCE Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	FIELD-SUPPLIED ACCESSORY		SOUND RATING (dBA)‡
					TDR†	TXV	
030-A	FK4CNF001**	29,000	TDR	—	—	13.00	71
	FK4CNF002**	29,000	TDR	—	—	13.50	71
	FK4CNF003**	29,600	TDR	—	—	14.00	71
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA030	28,400	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BA036	29,600	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW030	28,400	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BW036	29,600	TDR	13.50	—	13.50	71
	CD3(A,B)A030	28,400	TDR	13.20	—	13.20	71
	CD3(A,B)A036	29,600	TDR	13.50	—	13.50	71
	CD3CA030	28,000	TDR	12.50	—	12.50	71
	CD3CA036	28,400	TDR	13.00	—	13.00	71
	CE3AA030	29,000	TDR	13.50	—	13.50	71
	CE3AA036	29,200	TDR	13.50	—	13.50	71
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA030	28,400	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BA036	29,600	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW030	28,400	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BW036	29,600	TDR	13.50	—	13.50	71
	CD3(A,B)A030	28,400	TDR	13.20	—	13.20	71
	CD3(A,B)A036	29,600	TDR	13.50	—	13.50	71
	CD3CA030	28,000	TDR	13.00	—	13.00	71
	CD3CA036	28,400	TDR	13.20	—	13.20	71
	CE3AA030	29,000	TDR	13.20	—	13.20	71
	CE3AA036	29,200	TDR	13.50	—	13.50	71
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA030	28,600	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA036	29,600	TDR	14.00	—	14.00	71
	CC5A/CD5A/CD5BW030	28,600	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW036	29,600	TDR	14.00	—	14.00	71
	CD3(A,B)A030	28,600	TDR	13.50	—	13.50	71
	CD3(A,B)A036	29,600	TDR	14.00	—	14.00	71
	CD3CA030	28,000	TDR	13.20	—	13.20	71
	CD3CA036	28,600	TDR	13.50	—	13.50	71
	CE3AA030	29,000	TDR	13.50	—	13.50	71
	CE3AA036	29,200	TDR	13.50	—	13.50	71
	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA030	28,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA036	29,000	TDR	14.00	—	14.00	71
	CC5A/CD5A/CD5BW030	28,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW036	29,000	TDR	14.00	—	14.00	71
	CD3(A,B)A030	28,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	29,000	TDR	14.00	—	14.00	71
	CD3CA030	27,600	TDR	13.00	—	13.00	71
	CD3CA036	28,000	TDR	13.20	—	13.20	71
	CE3AA030	28,400	TDR	13.50	—	13.50	71
	CE3AA036	28,600	TDR	13.50	—	13.50	71
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA030	28,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA036	29,200	TDR	14.00	—	14.00	71
	CC5A/CD5A/CD5BW030	28,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW036	29,200	TDR	14.00	—	14.00	71
	CD3(A,B)A030	28,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	29,200	TDR	14.00	—	14.00	71
	CD3CA030	27,800	TDR	13.20	—	13.20	71
	CD3CA036	28,200	TDR	13.20	—	13.20	71
	CE3AA030	28,600	TDR	13.50	—	13.50	71
	CE3AA036	28,800	TDR	13.50	—	13.50	71
036-A	CC5A/CD5A/CD5BA036	35,000	NONE	—	13.00	13.00	71
	CC5A/CD5A/CD5BA042*	35,000	NONE	—	13.00	13.00	71
	CC5A/CD5A/CD5BW042	35,000	NONE	—	12.50	12.50	71
	CD3(A,B)A036	35,000	NONE	—	13.00	13.00	71
	CD3(A,B)A042	35,000	NONE	—	13.00	13.00	71
	CD3CA036	34,000	NONE	—	12.20	12.20	71
	CD3CA042	34,000	NONE	—	12.20	12.20	71
	CD5A/CD5BW036	35,000	NONE	—	13.00	13.00	71
	CE3AA036	35,000	NONE	—	12.50	12.50	71
	CE3AA042	35,000	NONE	—	13.00	13.00	71
	CF5AA036	35,000	NONE	—	13.00	13.00	71
	F(A,B)4AN(F,B)042	35,000	TDR	13.00	—	13.00	71
	F(A,B)4ANF036	35,000	TDR	12.50	—	12.50	71
	FG3AA036	35,000	NONE	—	12.20	12.20	71
	FK4CNB005**	36,000	TDR	—	—	14.00	71
	FK4CNF002**	35,000	TDR	—	—	13.00	71
	FK4CNF003**	35,000	TDR	—	—	13.50	71
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BW042	35,000	TDR	13.00	—	13.00	71
	CC5A/CD5A/CD5BA036	35,000	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BA042	35,000	TDR	13.20	—	13.20	71

See notes on page 9.

RATINGS AND PERFORMANCE Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	FIELD-SUPPLIED ACCESSORY		SOUND RATING (dBA)‡
					TDR†	TXV	
036-A	CD3(A,B)A036	35,000	TDR	13.20	—	13.20	71
	CD3(A,B)A042	35,000	TDR	13.20	—	13.20	71
	CD3CA036	34,000	TDR	12.50	—	12.50	71
	CD3CA042	34,000	TDR	12.50	—	12.50	71
	CE3AA036	35,000	TDR	13.00	—	13.00	71
	CE3AA042	35,000	TDR	13.20	—	13.20	71
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BA042	35,000	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.00	—	13.00	71
	CD3(A,B)A036	35,000	TDR	13.20	—	13.20	71
	CD3(A,B)A042	35,000	TDR	13.20	—	13.20	71
	CD3CA036	34,000	TDR	12.50	—	12.50	71
	CD3CA042	34,000	TDR	12.50	—	12.50	71
	CD5A/CD5BW036	35,000	TDR	13.20	—	13.20	71
	CE3AA036	35,000	TDR	13.00	—	13.00	71
	CE3AA042	35,000	TDR	13.20	—	13.20	71
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.20	—	13.20	71
	CC5A/CD5A/CD5BA042	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	35,000	TDR	13.20	—	13.20	71
	CD3(A,B)A042	35,000	TDR	13.50	—	13.50	71
	CD3CA036	34,000	TDR	12.50	—	12.50	71
	CD3CA042	34,000	TDR	12.50	—	12.50	71
	CD5A/CD5BW036	35,000	TDR	13.20	—	13.20	71
	CE3AA036	35,000	TDR	13.00	—	13.00	71
	CE3AA042	35,000	TDR	13.50	—	13.50	71
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA042	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A042	35,000	TDR	13.50	—	13.50	71
	CD3CA036	34,000	TDR	12.50	—	12.50	71
	CD3CA042	34,000	TDR	12.50	—	12.50	71
	CD5A/CD5BW036	35,000	TDR	13.50	—	13.50	71
	CE3AA036	35,000	TDR	13.00	—	13.00	71
	CE3AA042	35,000	TDR	13.50	—	13.50	71
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA042	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A042	35,000	TDR	13.50	—	13.50	71
	CD3CA036	34,000	TDR	12.50	—	12.50	71
	CD3CA042	34,000	TDR	12.50	—	12.50	71
	CD5A/CD5BW036	35,000	TDR	13.50	—	13.50	71
	CE3AA036	35,000	TDR	13.00	—	13.00	71
	CE3AA042	35,000	TDR	13.50	—	13.50	71
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA042	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A042	35,000	TDR	13.50	—	13.50	71
	CD3CA036	34,000	TDR	12.50	—	12.50	71
	CD3CA042	34,000	TDR	12.50	—	12.50	71
	CD5A/CD5BW036	35,000	TDR	13.50	—	13.50	71
	CE3AA036	35,000	TDR	13.00	—	13.00	71
	CE3AA042	35,000	TDR	13.50	—	13.50	71
	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA042	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A042	35,000	TDR	13.50	—	13.50	71
	CD3CA036	34,000	TDR	13.00	—	13.00	71
	CD3CA042	34,000	TDR	13.00	—	13.00	71
	CD5A/CD5BW036	35,000	TDR	13.50	—	13.50	71
	CE3AA036	35,000	TDR	13.20	—	13.20	71
	CE3AA042	35,000	TDR	13.50	—	13.50	71
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA042	35,000	TDR	14.00	—	14.00	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A042	35,000	TDR	14.00	—	14.00	71
	CD3CA036	34,000	TDR	13.00	—	13.00	71

See notes on page 9.

RATINGS AND PERFORMANCE Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	FIELD-SUPPLIED ACCESSORY		SOUND RATING (dBA)‡
					TDR†	TXV	
036-A	CD3CA042	34,000	TDR	13.00	—	13.00	71
	CD5A/CD5BW036	35,000	TDR	13.50	—	13.50	71
	CE3AA036	35,000	TDR	13.50	—	13.50	71
	CE3AA042	35,000	TDR	14.00	—	14.00	71
	COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	14.00	—	14.00	71
	CC5A/CD5A/CD5BA042	35,000	TDR	14.00	—	14.00	71
	CC5A/CD5A/CD5BW042	35,000	TDR	14.00	—	14.00	71
	CD3(A,B)A036	35,000	TDR	14.00	—	14.00	71
	CD3(A,B)A042	35,000	TDR	14.00	—	14.00	71
	CD3CA036	34,000	TDR	13.00	—	13.00	71
	CD3CA042	34,000	TDR	13.00	—	13.00	71
	CD5A/CD5BW036	35,000	TDR	14.00	—	14.00	71
	CE3AA036	35,000	TDR	13.50	—	13.50	71
	CE3AA042	35,000	TDR	14.00	—	14.00	71
	COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA036	35,000	TDR	13.50	—	13.50	71
	CC5A/CD5A/CD5BA042	35,000	TDR	14.00	—	14.00	71
	CC5A/CD5A/CD5BW042	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A036	35,000	TDR	13.50	—	13.50	71
	CD3(A,B)A042	35,000	TDR	14.00	—	14.00	71
	CD3CA036	34,000	TDR	13.00	—	13.00	71
	CD3CA042	34,000	TDR	13.00	—	13.00	71
	CD5A/CD5BW036	35,000	TDR	13.50	—	13.50	71
	CE3AA036	35,000	TDR	13.50	—	13.50	71
	CE3AA042	35,000	TDR	14.00	—	14.00	71
042-A	CC5A/CD5A/CD5BA042	40,500	NONE	—	13.00	13.00	74
	CC5A/CD5A/CD5BC048	40,000	NONE	—	12.50	12.50	74
	CC5A/CD5A/CD5BW042	40,000	NONE	—	12.50	12.50	74
	CC5A/CD5A/CD5BW048	40,500	NONE	—	13.00	13.00	74
	CD3(A,B)A042	40,500	NONE	—	13.00	13.00	74
	CD3(A,B)A048	40,500	NONE	—	13.00	13.00	74
	CD3CA042	38,500	NONE	—	12.20	12.20	74
	CD3CA048	39,500	NONE	—	12.20	12.20	74
	CD5A/CD5BA048*	40,500	NONE	—	13.00	13.00	74
	CE3AA042	41,000	NONE	—	13.00	13.00	74
	CE3AA048	41,000	NONE	—	13.00	13.00	74
	CF5AA048	40,500	NONE	—	12.50	12.50	74
	F(A,B)4AN(F,B)042	40,500	TDR	12.50	—	12.50	74
	F(A,B)4AN(F,B)048	41,000	TDR	13.00	—	13.00	74
	FG3AAA048	40,000	NONE	—	12.50	12.50	74
	FK4CNB005**	41,000	TDR	—	—	13.50	74
	FK4CNB006**	41,500	TDR	—	—	14.00	74
	FK4CNF003**	39,500	TDR	—	—	13.00	74
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	12.80	—	12.80	74
	CC5A/CD5A/CD5BC048	40,000	TDR	12.50	—	12.50	74
	CC5A/CD5A/CD5BW042	40,000	TDR	12.50	—	12.50	74
	CC5A/CD5A/CD5BW048	40,500	TDR	13.00	—	13.00	74
	CD3(A,B)A042	40,500	TDR	12.80	—	12.80	74
	CD3(A,B)A048	40,500	TDR	13.00	—	13.00	74
	CD3CA048	39,500	TDR	12.20	—	12.20	74
	CD5A/CD5BA048	40,500	TDR	13.00	—	13.00	74
	CE3AA042	40,000	TDR	13.00	—	13.00	74
	CE3AA048	40,000	TDR	13.00	—	13.00	74
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	12.80	—	12.80	74
	CC5A/CD5A/CD5BC048	40,000	TDR	12.50	—	12.50	74
	CC5A/CD5A/CD5BW042	40,000	TDR	12.50	—	12.50	74
	CC5A/CD5A/CD5BW048	40,000	TDR	13.00	—	13.00	74
	CD3(A,B)A042	40,500	TDR	12.80	—	12.80	74
	CD3(A,B)A048	40,000	TDR	13.00	—	13.00	74
	CD3CA048	39,500	TDR	12.20	—	12.20	74
	CD5A/CD5BA048	40,000	TDR	13.00	—	13.00	74
	CE3AA042	40,500	TDR	13.00	—	13.00	74
	CE3AA048	40,500	TDR	13.00	—	13.00	74
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	13.00	—	13.00	74
	CC5A/CD5A/CD5BC048	40,000	TDR	13.00	—	13.00	74
	CC5A/CD5A/CD5BW042	40,000	TDR	13.00	—	13.00	74
	CC5A/CD5A/CD5BW048	40,500	TDR	13.20	—	13.20	74
	CD3(A,B)A042	40,500	TDR	13.00	—	13.00	74
	CD3(A,B)A048	40,500	TDR	13.50	—	13.50	74
	CD3CA042	38,500	TDR	12.20	—	12.20	74
	CD3CA048	39,500	TDR	12.50	—	12.50	74
	CD5A/CD5BA048	40,500	TDR	13.50	—	13.50	74
	CE3AA042	41,000	TDR	13.00	—	13.00	74
	CE3AA048	41,000	TDR	13.20	—	13.20	74
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	13.20	—	13.20	74
	CC5A/CD5A/CD5BC048	40,000	TDR	13.20	—	13.20	74
	CC5A/CD5A/CD5BW042	40,000	TDR	13.00	—	13.00	74

See notes on page 9.

RATINGS AND PERFORMANCE Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	FIELD-SUPPLIED ACCESSORY		SOUND RATING (dBA)‡
					TDR†	TXV	
042-A	CC5A/CD5A/CD5BW048	40,500	TDR	13.50	—	13.50	74
	CC5A/CD5BA048	40,500	TDR	13.50	—	13.50	74
	CD3(A,B)A042	40,500	TDR	13.20	—	13.20	74
	CD3(A,B)A048	40,500	TDR	13.50	—	13.50	74
	CD3CA042	38,500	TDR	12.20	—	12.20	74
	CD3CA048	39,500	TDR	12.50	—	12.50	74
	CE3AA042	41,000	TDR	13.20	—	13.20	74
	CE3AA048	41,000	TDR	13.50	—	13.50	74
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	13.20	—	13.20	74
	CC5A/CD5A/CD5BC048	40,000	TDR	13.20	—	13.20	74
	CC5A/CD5A/CD5BW042	40,000	TDR	13.00	—	13.00	74
	CC5A/CD5A/CD5BW048	40,500	TDR	13.50	—	13.50	74
	CC5A/CD5BA048	40,500	TDR	13.50	—	13.50	74
	CD3(A,B)A042	40,500	TDR	13.20	—	13.20	74
	CD3(A,B)A048	40,500	TDR	13.50	—	13.50	74
	CD3CA042	38,500	TDR	12.20	—	12.20	74
	CD3CA048	39,500	TDR	12.50	—	12.50	74
	CE3AA042	41,000	TDR	13.20	—	13.20	74
	CE3AA048	41,000	TDR	13.50	—	13.50	74
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	13.20	—	13.20	74
	CC5A/CD5A/CD5BC048	40,000	TDR	13.20	—	13.20	74
	CC5A/CD5A/CD5BW042	40,000	TDR	13.00	—	13.00	74
	CC5A/CD5A/CD5BW048	40,500	TDR	13.50	—	13.50	74
	CD3(A,B)A042	40,500	TDR	13.20	—	13.20	74
	CD3(A,B)A048	40,500	TDR	13.50	—	13.50	74
	CD3CA042	38,500	TDR	12.20	—	12.20	74
	CD3CA048	39,500	TDR	12.50	—	12.50	74
	CD5A/CD5BA048	40,500	TDR	13.50	—	13.50	74
	CE3AA042	41,000	TDR	13.20	—	13.20	74
	CE3AA048	41,000	TDR	13.50	—	13.50	74
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,000	TDR	13.50	—	13.50	74
	CC5A/CD5A/CD5BC048	39,500	TDR	13.00	—	13.00	74
	CC5A/CD5A/CD5BW042	40,000	TDR	13.00	—	13.00	74
	CC5A/CD5A/CD5BW048	40,500	TDR	13.50	—	13.50	74
	CD3(A,B)A042	40,000	TDR	13.50	—	13.50	74
	CD3(A,B)A048	40,500	TDR	14.00	—	14.00	74
	CD3CA042	38,500	TDR	12.50	—	12.50	74
	CD3CA048	39,500	TDR	12.50	—	12.50	74
	CD5A/CD5BA048	40,500	TDR	14.00	—	14.00	74
	CE3AA042	40,500	TDR	13.50	—	13.50	74
	CE3AA048	41,000	TDR	13.50	—	13.50	74
	COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	13.50	—	13.50	74
	CC5A/CD5A/CD5BC048	40,000	TDR	13.50	—	13.50	74
	CC5A/CD5A/CD5BW042	40,000	TDR	13.50	—	13.50	74
	CC5A/CD5A/CD5BW048	40,500	TDR	14.00	—	14.00	74
	CD3(A,B)A042	40,500	TDR	13.50	—	13.50	74
	CD3(A,B)A048	40,500	TDR	14.00	—	14.00	74
	CD3CA042	38,500	TDR	13.00	—	13.00	74
	CD3CA048	39,500	TDR	13.00	—	13.00	74
	CD5A/CD5BA048	40,500	TDR	14.00	—	14.00	74
	CE3AA042	41,000	TDR	14.00	—	14.00	74
	CE3AA048	41,000	TDR	14.00	—	14.00	74
	COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA042	40,500	TDR	13.50	—	13.50	74
	CC5A/CD5A/CD5BC048	39,500	TDR	13.50	—	13.50	74
	CC5A/CD5A/CD5BW042	40,000	TDR	13.50	—	13.50	74
	CC5A/CD5A/CD5BW048	40,500	TDR	13.50	—	13.50	74
	CD3(A,B)A042	40,500	TDR	13.50	—	13.50	74
	CD3(A,B)A048	40,500	TDR	13.50	—	13.50	74
	CD3CA042	38,500	TDR	12.50	—	12.50	74
	CD3CA048	39,500	TDR	12.50	—	12.50	74
	CD5A/CD5BA048	40,500	TDR	13.50	—	13.50	74
	CE3AA042	40,500	TDR	13.50	—	13.50	74
	CE3AA048	41,000	TDR	13.50	—	13.50	74
048-A	CC5A/CD5A/CD5BA060	46,500	NONE	—	13.00	13.00	76
	CC5A/CD5A/CD5BC048	45,000	NONE	—	12.50	12.50	76
	CC5A/CD5A/CD5BW048	46,000	NONE	—	13.00	13.00	76
	CC5A/CD5A/CD5BW060	47,000	NONE	—	13.00	13.00	76
	CD3(A,B)A048	46,000	NONE	—	13.00	13.00	76
	CD3(A,B)A060	46,500	NONE	—	13.00	13.00	76
	CD3CA048	45,000	NONE	—	12.20	12.20	76
	CD3CA060	46,000	NONE	—	12.20	12.20	76
	CD3CA070	46,000	NONE	—	12.50	12.50	76
	CD5A/CD5BA048	46,000	NONE	—	13.00	13.00	76
	CE3AA048	46,500	NONE	—	13.00	13.00	76
	CE3AA060	47,000	NONE	—	13.00	13.00	76
	CF5AA048	46,000	NONE	—	12.50	12.50	76
	F(A,B)4AN(F,B)048	46,000	TDR	12.20	—	12.20	76
	F(A,B)4AN(F,B)060	47,000	TDR	12.50	—	12.50	76
	FB4ANB070	47,500	TDR	13.00	—	13.00	76
	FG3AA048	46,000	NONE	—	12.20	12.20	76
	FG3AA060	46,500	NONE	—	12.50	12.50	76
	FK4BNB006**	47,500	TDR	—	—	14.00	76

See notes on page 9.

RATINGS AND PERFORMANCE Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	FIELD-SUPPLIED ACCESSORY		SOUND RATING (dBA)‡
					TDR†	TXV	
048-A	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA060	46,500	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BC048	45,000	TDR	12.50	—	12.50	76
	CC5A/CD5A/CD5BW048	46,000	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BW060	47,000	TDR	13.50	—	13.50	76
	CD3(A,B)A048	46,000	TDR	13.00	—	13.00	76
	CD3(A,B)A060	46,500	TDR	13.00	—	13.00	76
	CD3CA048	45,000	TDR	12.20	—	12.20	76
	CD3CA060	46,000	TDR	12.20	—	12.20	76
	CD5A/CD5BA048	46,000	TDR	13.00	—	13.00	76
	CE3AA048	46,500	TDR	13.00	—	13.00	76
	CE3AA060	47,000	TDR	13.20	—	13.20	76
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA060	46,500	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BC048	45,000	TDR	12.50	—	12.50	76
	CC5A/CD5A/CD5BW048	46,000	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BW060	47,000	TDR	13.50	—	13.50	76
	CD3(A,B)A048	46,000	TDR	13.00	—	13.00	76
	CD3(A,B)A060	46,500	TDR	13.00	—	13.00	76
	CD3CA048	45,000	TDR	12.20	—	12.20	76
	CD3CA060	46,000	TDR	12.20	—	12.20	76
	CD5A/CD5BA048	46,000	TDR	13.00	—	13.00	76
	CE3AA048	46,500	TDR	13.00	—	13.00	76
	CE3AA060	47,000	TDR	13.20	—	13.20	76
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA060	46,500	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BC048	45,000	TDR	12.50	—	12.50	76
	CC5A/CD5A/CD5BW048	46,000	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BW060	47,000	TDR	13.50	—	13.50	76
	CD3(A,B)A048	46,000	TDR	13.00	—	13.00	76
	CD3(A,B)A060	46,500	TDR	13.00	—	13.00	76
	CD3CA048	45,000	TDR	12.20	—	12.20	76
	CD3CA060	46,000	TDR	12.20	—	12.20	76
	CD5A/CD5BA048	46,000	TDR	13.00	—	13.00	76
	CE3AA048	46,500	TDR	13.00	—	13.00	76
	CE3AA060	47,000	TDR	13.20	—	13.20	76
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA060	45,500	TDR	13.50	—	13.50	76
	CC5A/CD5A/CD5BC048	45,000	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BW048	46,500	TDR	13.50	—	13.50	76
	CC5A/CD5A/CD5BW060	47,000	TDR	14.00	—	14.00	76
	CD3(A,B)A048	46,000	TDR	13.50	—	13.50	76
	CD3(A,B)A060	45,500	TDR	13.50	—	13.50	76
	CD3CA048	44,500	TDR	12.50	—	12.50	76
	CD3CA060	46,000	TDR	13.00	—	13.00	76
	CD3CA070	46,000	TDR	13.00	—	13.00	76
	CD5A/CD5BA048	46,000	TDR	13.50	—	13.50	76
	CE3AA048	46,500	TDR	13.50	—	13.50	76
	CE3AA060	47,000	TDR	14.00	—	14.00	76
	COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA060	45,500	TDR	13.50	—	13.50	76
	CC5A/CD5A/CD5BC048	45,000	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BW048	46,000	TDR	13.50	—	13.50	76
	CC5A/CD5A/CD5BW060	47,000	TDR	14.00	—	14.00	76
	CD3(A,B)A048	46,000	TDR	13.50	—	13.50	76
	CD3(A,B)A060	45,500	TDR	13.50	—	13.50	76
	CD3CA048	44,500	TDR	12.50	—	12.50	76
	CD3CA060	46,000	TDR	13.00	—	13.00	76
	CD3CA070	46,000	TDR	13.00	—	13.00	76
	CD5A/CD5BA048	46,000	TDR	13.50	—	13.50	76
	CE3AA048	46,500	TDR	13.50	—	13.50	76
	CE3AA060	47,000	TDR	14.00	—	14.00	76
	COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5A/CD5BA060	45,500	TDR	13.50	—	13.50	76
	CC5A/CD5A/CD5BC048	45,000	TDR	13.00	—	13.00	76
	CC5A/CD5A/CD5BW048	46,000	TDR	13.50	—	13.50	76
	CC5A/CD5A/CD5BW060	47,000	TDR	14.00	—	14.00	76
	CD3(A,B)A048	46,000	TDR	13.50	—	13.50	76
	CD3(A,B)A060	45,500	TDR	13.50	—	13.50	76
	CD3CA048	44,500	TDR	12.50	—	12.50	76
	CD3CA060	46,000	TDR	13.00	—	13.00	76
	CD3CA070	46,000	TDR	13.00	—	13.00	76
	CD5A/CD5BA048	46,000	TDR	13.50	—	13.50	76
	CE3AA048	46,500	TDR	13.50	—	13.50	76
	CE3AA060	47,000	TDR	14.00	—	14.00	76

* Tested combination.

† TDR is on all furnaces, except 394HAD.

‡ Decibels are approximately 10 times bel sound rating formerly listed.

** R-410A accessory TXV required.

NOTES: 1. Ratings are net values reflecting the effects of circulating fan motor heat. Supplemental electric heat is not included.

2. Tested outdoor/indoor combinations have been tested in accordance with DOE test procedures for electric air conditioners. Ratings for other combinations are determined under DOE computer simulation procedures.

3. Determine actual CFM values obtainable for your system by referring to fan performance data in fan coil or furnace coil literature.

4. Do not apply with capillary tube coils as performance and reliability are significantly affected.

DETAILED COOLING CAPACITIES*

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
550A024-A Outdoor Section With CD5A/CC5A/CD5BA030 Indoor Section																			
650	72	27.3	12.9	1.47	26.5	12.6	1.64	25.5	12.3	1.83	24.4	11.8	2.03	23.1	11.4	2.26	21.6	10.8	2.50
	67	25.7	16.3	1.47	24.7	16.0	1.63	23.6	15.4	1.82	22.3	14.9	2.02	21.0	14.4	2.23	18.8	13.5	2.46
	63	22.9	15.5	1.45	21.4	14.8	1.61	20.0	14.2	1.79	18.7	13.6	1.98	17.3	13.0	2.19	15.7	12.3	2.42
	62	22.2	18.8	1.45	20.7	18.0	1.61	19.2	17.3	1.78	17.7	16.6	1.97	16.3	15.9	2.18	15.0	15.0	2.41
	57	20.0	20.0	1.44	18.9	18.9	1.59	17.6	17.6	1.77	17.0	17.0	1.96	16.2	16.2	2.18	15.3	15.3	2.41
750	72	27.7	13.3	1.50	26.9	13.0	1.67	25.9	12.7	1.86	24.8	12.3	2.06	23.4	11.8	2.28	22.0	11.3	2.53
	67	26.1	17.0	1.49	25.2	16.8	1.66	24.0	16.2	1.85	22.8	15.8	2.05	21.5	15.3	2.27	19.1	14.4	2.50
	63	24.5	16.9	1.49	23.0	16.2	1.65	21.6	15.6	1.83	20.2	15.0	2.03	18.8	14.3	2.24	17.2	13.7	2.47
	62	23.2	20.3	1.48	21.7	19.6	1.64	20.1	18.8	1.82	18.8	18.1	2.01	17.4	17.3	2.22	16.3	16.3	2.46
	57	21.1	21.1	1.47	20.0	20.0	1.63	19.4	19.4	1.81	18.6	18.6	2.01	17.8	17.8	2.23	16.8	16.8	2.46
850	72	27.8	13.5	1.53	27.1	13.3	1.70	26.3	13.1	1.89	25.2	12.8	2.09	23.7	12.3	2.32	22.2	11.8	2.56
	67	26.6	17.8	1.53	25.4	17.3	1.69	24.3	17.0	1.88	23.2	16.7	2.08	21.8	16.2	2.30	20.0	15.5	2.54
	63	25.2	17.8	1.52	24.0	17.3	1.69	22.8	16.8	1.87	21.6	16.3	2.07	19.9	15.6	2.28	17.6	14.6	2.51
	62	24.3	21.9	1.52	22.5	21.0	1.68	21.1	20.2	1.85	19.7	19.5	2.05	18.4	18.4	2.27	17.5	17.5	2.51
	57	22.7	22.7	1.51	21.6	21.6	1.67	20.9	20.9	1.85	20.0	20.0	2.05	19.2	19.2	2.27	17.5	17.5	2.51
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling		Indoor Section		Size		Cooling									
				Capacity	Power					Capacity	Power								
*CC5A/CD5A/ CD5BA		024		1.00		1.00	COILS + 355MAV042060 VARIABLE-SPEED FURNACE												
		030		1.00		1.00	CC5A/CD5A/ CD5BA	024		1.00		0.96							
CC5A/CD5A/ CD5BW		024		1.00		1.00	CC5A/CD5A/ CD5BA	030		1.00		0.95							
		030		1.00		1.00	CC5A/CD5A/ CD5BW	024		1.00		0.96							
CD3(A,B)A		024		1.00		1.00	CD5BW	030		1.00		0.95							
		030		1.00		1.00	CD3(A,B)A	024		1.00		0.96							
CD3CA		024		1.00		1.00	CD3(A,B)A	024		1.00		0.96							
		030		1.00		1.00	CD3CA	030		1.00		0.95							
CE3AA		024		1.00		1.00	CD3CA	024		1.00		0.95							
		030		1.00		1.00	CE3AA	030		1.00		0.96							
CF5AA		024		1.00		1.00	CE3AA	030		1.00		0.95							
F(A,B)4ANF		024		1.00		1.00	COILS + 355MAV042080 VARIABLE-SPEED FURNACE												
		030		1.00		0.99	CC5A/CD5A/ CD5BA	024		1.00		0.95							
FD3ANA		024		1.00		0.98	CD5BA	030		1.00		0.94							
		030		1.00		1.01	CC5A/CD5A/ CD5BW	024		1.00		0.95							
FF1(A,B)NA		024		1.00		1.01	CD5BW	030		1.00		0.94							
		030		1.00		1.01	CD3(A,B)A	024		1.00		0.95							
FG3AAA		024		1.00		1.00	CD3(A,B)A	030		1.00		0.94							
FK4CNF		002		1.08		0.96	CD3CA	024		1.00		0.94							
		003		1.17		0.95	CD3CA	030		1.00		0.94							
COILS + 355MAV042040 VARIABLE-SPEED FURNACE							CE3AA	024		1.00		0.95							
CC5A/CD5A/ CD5BA		024		1.00		0.95	CE3AA	030		1.00		0.94							
		030		1.00		0.94	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE												
CC5A/CD5A/ CD5BW		024		1.00		0.95	CC5A/CD5A/ CD5BA	024		1.00		0.93							
		030		1.00		0.94	CD5BA	030		1.00		0.93							
CD3(A,B)A		024		1.00		0.95	CC5A/CD5A/ CD5BW	024		1.00		0.93							
		030		1.00		0.94	CD5BW	030		1.00		0.93							
CD3CA		024		1.00		0.94	CD3(A,B)A	024		1.00		0.93							
		030		1.00		0.94	CD3(A,B)A	030		1.00		0.93							
CE3AA		024		1.00		0.96	CD3CA	024		1.00		0.93							
		030		1.00		0.95	CD3CA	030		1.00		0.93							
—		—		—		—	CE3AA	024		1.00		0.94							
		—		—		—	CE3AA	030		1.00		0.93							

See notes on page 14.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
550A030-A Outdoor Section With CD5A/CC5A/CD5BA036 Indoor Section																			
875	72	33.4	16.3	1.80	32.2	15.9	1.99	31.1	15.6	2.21	29.7	15.2	2.46	27.9	14.5	2.73	26.0	13.9	3.05
	67	31.4	21.2	1.79	30.0	20.7	1.97	28.6	20.1	2.19	27.0	19.6	2.43	24.5	18.6	2.69	21.7	17.5	2.97
	63	29.4	20.9	1.77	27.8	20.2	1.96	25.1	19.0	2.15	22.3	17.8	2.37	20.4	17.0	2.63	18.2	16.1	2.91
	62	28.6	25.7	1.77	26.6	24.7	1.95	24.5	23.6	2.15	22.3	22.3	2.37	20.5	20.5	2.63	19.4	19.4	2.93
	57	26.6	26.6	1.75	25.1	25.1	1.93	23.6	23.6	2.14	21.9	21.9	2.37	20.8	20.8	2.63	19.6	19.6	2.93
1000	72	33.9	16.9	1.85	32.7	16.5	2.04	31.6	16.3	2.26	30.0	15.8	2.50	28.2	15.2	2.78	26.3	14.7	3.10
	67	31.9	22.3	1.83	30.5	21.8	2.02	29.0	21.3	2.23	27.4	20.8	2.47	25.2	20.0	2.74	22.3	18.9	3.02
	63	30.0	22.1	1.82	28.5	21.5	2.00	25.8	20.3	2.20	23.1	19.2	2.42	21.1	18.3	2.68	18.9	17.4	2.96
	62	29.4	27.5	1.81	27.2	26.4	1.99	25.1	25.1	2.19	23.3	23.3	2.43	22.3	22.3	2.69	20.3	20.3	2.99
	57	27.9	27.9	1.80	26.4	26.4	1.99	24.7	24.7	2.19	23.7	23.7	2.43	22.6	22.6	2.70	20.4	20.4	2.99
1125	72	34.2	17.4	1.89	33.0	17.1	2.08	31.7	16.7	2.30	30.1	16.3	2.54	28.5	15.9	2.82	26.5	15.4	3.15
	67	32.2	23.3	1.87	30.8	22.9	2.06	29.3	22.4	2.27	27.7	22.0	2.51	25.7	21.3	2.78	22.7	20.2	3.07
	63	30.3	23.1	1.86	29.0	22.7	2.05	26.3	21.6	2.25	24.1	20.6	2.47	21.8	19.6	2.73	19.6	18.7	3.01
	62	29.9	29.0	1.86	28.1	27.9	2.04	26.6	26.6	2.25	25.1	25.1	2.49	23.8	23.8	2.75	21.2	21.2	3.04
	57	29.5	29.5	1.85	28.2	28.2	2.04	26.6	26.6	2.25	25.3	25.3	2.49	23.5	23.5	2.75	21.1	21.1	3.04
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size	Cooling		Indoor Section		Size	Cooling											
			Capacity	Power				Capacity	Power										
*CC5A/CD5A/		030	0.97		CD3CA		030	0.97											
CD5BA		036	1.00				036	0.98											
CC5A/CD5A/CD5BW		030	0.97		CE3AA		030	1.00											
CD3(A,B)A		030	0.97				036	1.01											
		036	1.00		COILS + 355MAV042080 VARIABLE-SPEED FURNACE														
CD3CA		030	0.95		CC5A/CD5A/		030	0.99											
		036	0.97		CD5BA		036	1.02											
CD5A/CD5BW		036	1.00		CC5A/CD5A/		030	0.99											
CE3AA		030	0.97		CD5BW		036	1.02											
		036	0.98		CD3(A,B)A		030	0.99											
CF5AA		036	0.98				036	1.02											
F(A,B)4ANF		030	0.99		CD3CA		030	0.97											
		036	1.00				036	0.99											
FD3ANA		030	0.97		CE3AA		030	1.00											
FF1(A,B)NA		030	0.99				036	1.01											
FG3AAA		036	0.98		COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE														
FK4CNF		001	1.00		CC5A/CD5A/		030	0.97											
		002	1.00		CD5BA		036	1.00											
		003	1.02		CC5A/CD5A/		030	0.97											
					CD5BW		036	1.00											
COILS + 355MAV042040 VARIABLE-SPEED FURNACE					CD3(A,B)A		030	0.97											
CC5A/CD5A/		030	0.98				036	1.00											
CD5BA		036	1.02		CD3CA		030	0.95											
CC5A/CD5A/		030	0.98				036	0.97											
CD5BW		036	1.02		CE3AA		030	0.98											
CD3(A,B)A		030	0.98				036	0.99											
		036	1.02		COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE														
CD3CA		030	0.97		CC5A/CD5A/		030	0.97											
		036	0.98		CD5BA		036	1.01											
CE3AA		030	1.00		CC5A/CD5A/		030	0.97											
		036	1.01		CD5BW		036	1.01											
COILS + 355MAV042060 VARIABLE-SPEED FURNACE					CD3(A,B)A		030	0.97											
CC5A/CD5A/		030	0.98				036	1.01											
CD5BA		036	1.02		CD3CA		030	0.96											
CC5A/CD5A/		030	0.98				036	0.97											
CD5BW		036	1.02		CE3AA		030	0.99											
CD3(A,B)A		030	0.98				036	0.99											
		036	1.02																

See notes on page 14.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
550A036-A Outdoor Section With CD5A/CC5A/CD5BA042 Indoor Section																			
1050	72	40.4	19.6	2.15	39.0	19.2	2.40	37.4	18.6	2.66	35.6	18.0	2.96	33.4	17.3	3.28	30.9	16.4	3.64
	67	38.0	25.3	2.14	36.4	24.8	2.38	34.6	24.1	2.65	32.5	23.3	2.94	30.4	22.4	3.24	26.5	20.9	3.57
	63	34.9	24.6	2.12	32.5	23.6	2.35	30.1	22.5	2.60	27.5	21.4	2.87	24.9	20.3	3.17	22.3	19.2	3.50
	62	33.9	30.2	2.12	31.6	29.1	2.34	29.2	27.9	2.59	26.7	26.5	2.86	24.5	24.5	3.17	23.2	23.2	3.51
	57	31.3	31.3	2.09	29.5	29.5	2.32	27.5	27.5	2.57	26.4	26.4	2.86	25.1	25.1	3.17	23.6	23.6	3.51
1200	72	41.0	20.3	2.20	39.7	19.9	2.45	38.1	19.4	2.72	36.2	18.9	3.02	33.9	18.1	3.34	31.4	17.3	3.70
	67	38.5	26.5	2.19	37.0	26.1	2.43	35.0	25.3	2.69	33.1	24.7	2.99	30.9	23.9	3.30	26.9	22.4	3.62
	63	36.1	26.3	2.18	33.6	25.2	2.41	31.1	24.1	2.66	28.3	23.0	2.93	26.0	22.0	3.24	23.3	20.9	3.56
	62	34.8	32.4	2.17	32.4	31.2	2.39	30.0	29.7	2.65	27.9	27.9	2.93	26.8	26.8	3.25	24.6	24.6	3.58
	57	32.7	32.7	2.15	31.0	31.0	2.38	29.9	29.9	2.64	28.7	28.7	2.94	27.3	27.3	3.25	24.8	24.8	3.58
1350	72	41.4	20.9	2.25	40.2	20.6	2.50	38.2	19.9	2.76	36.4	19.4	3.06	34.2	18.8	3.38	31.7	18.2	3.75
	67	39.0	27.8	2.24	37.4	27.3	2.48	35.5	26.7	2.74	33.5	26.1	3.03	31.2	25.4	3.35	27.2	23.8	3.68
	63	36.9	27.8	2.23	34.5	26.8	2.46	31.9	25.7	2.71	29.4	24.6	2.99	26.9	23.6	3.30	24.2	22.4	3.62
	62	35.8	34.5	2.22	33.2	32.9	2.45	31.1	31.1	2.70	30.0	30.0	3.00	28.6	28.6	3.32	25.8	25.8	3.65
	57	34.8	34.8	2.22	33.3	33.3	2.45	32.0	32.0	2.72	30.7	30.7	3.01	28.3	28.3	3.32	25.9	25.9	3.65
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling Capacity		Power		Indoor Section		Size		Cooling Capacity		Power					
CC5A/CD5A/CD5BA		042		1.00		0.94		CD3(A,B)A		036		1.00		0.96					
CC5A/CD5A/CD5BW		042		1.00		0.94				042		1.00		0.95					
CD3(A,B)A		036		1.00		0.95		CD3CA		036		0.97		0.95					
		042		1.00		0.94				042		0.97		0.95					
CD3CA		036		0.97		0.93		CD5A/CD5BW		036		1.00		0.96					
		042		0.97		0.94		CE3AA		036		1.00		0.96					
CD5A/CD5BW		036		1.00		0.95				042		1.00		0.96					
CE3AA		036		1.00		0.95		COILS + 355MAV060120 VARIABLE-SPEED FURNACE											
		042		1.00		0.94		CC5A/CD5A/		036		1.00		0.96					
F(A,B)4ANF		036		1.00		1.00		CD5BA		042		1.00		0.95					
F(A,B)4AN(F,B)		042		1.00		1.00		CC5A/CD5A/CD5BW		042		1.00		0.95					
FG3AAA		036		1.00		1.00		CD3(A,B)A		036		1.00		0.96					
FK4BNB		005		1.03		0.96				042		1.00		0.95					
FK4BNF		002		1.00		0.94		CD3CA		036		0.97		0.95					
		003		1.00		0.93				042		0.97		0.95					
COILS + 355MAV042040 VARIABLE-SPEED FURNACE								CD5A/CD5BW		036		1.00		0.96					
CC5A/CD5A/		036		1.00		0.98		CE3AA		036		1.00		0.96					
CD5BA		042		1.00		0.97				042		1.00		0.96					
CC5A/CD5A/CD5BW		042		1.00		0.97		COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE											
CD3(A,B)A		036		1.00		0.98		CC5A/CD5A/		036		1.00		0.95					
		042		1.00		0.97		CD5BA		042		1.00		0.94					
CD3CA		036		0.97		0.97		CC5A/CD5A/CD5BW		042		1.00		0.94					
		042		0.97		0.97		CD3(A,B)A		036		1.00		0.95					
CE3AA		036		1.00		0.98				042		1.00		0.94					
		042		1.00		0.98		CD3CA		036		0.97		0.93					
										042		0.97		0.94					
COILS + 355MAV042060 VARIABLE-SPEED FURNACE								CD5A/CD5BW		036		1.00		0.95					
CC5A/CD5A/		036		1.00		0.98		CE3AA		036		1.00		0.95					
CD5BA		042		1.00		0.97				042		1.00		0.94					
CC5A/CD5A/CD5BW		042		1.00		0.97		COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE											
CD3(A,B)A		036		1.00		0.98		CC5A/CD5A/		036		1.00		0.93					
		042		1.00		0.97		CD5BA		042		1.00		0.92					
CD3CA		036		0.97		0.97		CC5A/CD5A/CD5BW		042		1.00		0.92					
		042		0.97		0.97		CD3(A,B)A		036		1.00		0.93					
CD5A/CD5BW		036		1.00		0.98				042		1.00		0.92					
CE3AA		036		1.00		0.98		CD3CA		036		0.97		0.92					
		042		1.00		0.98				042		0.97		0.92					
COILS + 355MAV042080 VARIABLE-SPEED FURNACE								CD5A/CD5BW		036		1.00		0.93					
CC5A/CD5A/		036		1.00		0.97		CE3AA		036		1.00		0.93					
CD5BA		042		1.00		0.96				042		1.00		0.93					
CC5A/CD5A/CD5BW		042		1.00		0.96		COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE											
CD3(A,B)A		036		1.00		0.97		CC5A/CD5A/		036		1.00		0.92					
		042		1.00		0.96		CD5BA		042		1.00		0.92					
CD3CA		036		0.97		0.95		CC5A/CD5A/CD5BA		042		1.00		0.92					
		042		0.97		0.96		CD3(A,B)A		036		1.00		0.92					
CD5A/CD5BW		036		1.00		0.97				042		1.00		0.91					
CE3AA		036		1.00		0.97		CD3CA		036		0.97		0.91					
		042		1.00		0.96				042		0.97		0.91					
COILS + 355MAV060080 VARIABLE-SPEED FURNACE								CD5A/CD5BW		036		1.00		0.92					
CC5A/CD5A/		036		1.00		0.96		CE3AA		036		1.00		0.92					
CD5BA		042		1.00		0.95				042		1.00		0.92					
CC5A/CD5A/CD5BW		042		1.00		0.95		COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE											
CD3(A,B)A		036		1.00		0.96		CC5A/CD5A/		036		1.00		0.93					
		042		1.00		0.95		CD5BA		042		1.00		0.92					
CD3CA		036		0.97		0.95		CC5A/CD5A/CD5BW		042		1.00		0.92					
		042		0.97		0.95		CD3(A,B)A		036		1.00		0.93					
CD5A/CD5BW		036		1.00		0.96				042		1.00		0.92					
CE3AA		036		1.00		0.96		CD3CA		036		0.97		0.92					
		042		1.00		0.96				042		0.97		0.92					
COILS + 355MAV060100 VARIABLE-SPEED FURNACE								CD5A/CD5BW		036		1.00		0.93					
CC5A/CD5A/		036		1.00		0.96		CE3AA		036		1.00		0.93					
CD5BA		042		1.00		0.95				042		1.00		0.93					
CC5A/CD5A/CD5BW		042		1.00		0.95				042		1.00		0.93					

See notes on page 14.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
550A042-A Outdoor Section With CD5A/CC5A/CD5BA048 Indoor Section																			
1225	72	46.7	22.7	2.49	45.2	22.3	2.77	43.3	21.6	3.09	41.2	20.9	3.44	38.8	20.1	3.83	36.0	19.2	4.26
	67	44.0	29.5	2.47	42.3	28.9	2.75	39.8	27.8	3.05	37.7	27.1	3.40	35.4	26.3	3.79	31.4	24.7	4.18
	63	40.5	28.7	2.44	37.8	27.5	2.70	35.0	26.3	3.00	32.0	25.0	3.32	30.2	24.3	3.70	27.8	23.3	4.11
	62	39.3	35.4	2.43	36.7	34.1	2.69	33.9	32.7	2.98	31.1	30.9	3.31	29.5	29.5	3.69	27.9	27.9	4.11
	57	36.4	36.4	2.40	34.3	34.3	2.67	32.1	32.1	2.96	30.8	30.8	3.30	29.4	29.4	3.69	27.7	27.7	4.11
1400	72	47.1	23.3	2.55	45.8	23.0	2.83	43.9	22.5	3.15	41.8	21.8	3.51	39.3	21.1	3.90	36.5	20.2	4.33
	67	44.3	30.5	2.52	42.7	30.2	2.81	40.5	29.4	3.12	38.4	28.8	3.47	35.9	27.9	3.85	31.7	26.4	4.25
	63	42.1	30.7	2.51	39.3	29.5	2.78	36.4	28.3	3.07	33.6	27.1	3.40	31.8	26.3	3.79	27.9	24.7	4.18
	62	40.5	37.9	2.50	37.8	36.5	2.76	35.0	34.8	3.06	32.7	32.7	3.39	31.2	31.2	3.78	29.5	29.5	4.21
	57	38.1	38.1	2.48	36.2	36.2	2.74	35.0	35.0	3.05	33.6	33.6	3.40	32.2	32.2	3.79	29.3	29.3	4.20
1575	72	47.5	23.9	2.61	46.2	23.7	2.90	44.4	23.2	3.22	41.8	22.4	3.56	39.5	21.8	3.95	36.8	21.1	4.40
	67	44.9	31.9	2.58	43.0	31.5	2.86	41.1	31.1	3.18	38.8	30.3	3.53	36.3	29.6	3.92	32.0	28.0	4.32
	63	42.5	32.0	2.57	40.5	31.4	2.85	37.6	30.1	3.15	35.0	29.1	3.48	33.1	28.3	3.87	27.9	26.0	4.24
	62	41.6	40.2	2.57	38.9	38.5	2.83	36.5	36.5	3.13	35.4	35.4	3.49	32.7	32.7	3.86	30.7	30.7	4.29
	57	40.7	40.7	2.56	39.0	39.0	2.83	37.6	37.6	3.15	35.8	35.8	3.49	33.5	33.5	3.87	30.7	30.7	4.29
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size	Cooling		Indoor Section		Size	Cooling											
			Capacity	Power				Capacity	Power										
*CC5A/CD5A/CD5BA		042	1.00		CE3AA		042	1.01		0.98									
CC5A/CD5A/CD5BC		048	0.99				048	1.01		0.98									
CC5A/CD5A/ CD5BW		042	0.99				COILS + 355MAV060100 VARIABLE-SPEED FURNACE												
CD3(A,B)A		048	1.00		CC5A/CD5A/CD5BA		042	1.00		0.98									
		042	1.00		CC5A/CD5A/CD5BC		048	0.99		0.96									
CD3CA		048	1.00		CC5A/CD5A/CD5BW		042	0.99		0.98									
		042	0.95				048	1.00		0.96									
CD5A/CD5BA		048	0.98		CC5A/CD5BA		048	1.00		0.96									
CE3AA		048	1.00		CD3(A,B)A		042	1.00		0.98									
		042	1.01				048	1.00		0.96									
CF5AA		048	1.01		CD3CA		042	0.95		0.98									
F(A,B)4AN(F,B)		048	1.00				048	0.98		0.97									
		042	1.00		CE3AA		042	1.01		0.98									
		048	1.01				048	1.01		0.98									
FG3AAA		048	0.99				COILS + 355MAV060120 VARIABLE-SPEED FURNACE												
FK4BNB		005	1.01		CC5A/CD5A/CD5BA		042	1.00		0.98									
		006	1.02		CC5A/CD5A/CD5BC		048	0.99		0.98									
FK4BNF		003	0.98		CC5A/CD5A/ CD5BW		042	0.99		0.98									
							048	1.00		0.96									
COILS + 355MAV042040 VARIABLE-SPEED FURNACE						CD3(A,B)A		042	1.00		0.98								
CC5A/CD5A/CD5BA		042	1.00				048	1.00		0.96									
CC5A/CD5A/CD5BC		048	0.99		CD3CA		042	0.95		0.98									
CC5A/CD5A/ CD5BW		042	0.99				048	0.98		0.97									
CD3(A,B)A		048	1.00		CD5A/CD5BA		048	1.00		0.96									
		042	1.00		CE3AA		042	1.01		0.98									
CD3CA		048	0.98				048	1.01		0.98									
CD5A/CD5BA		048	1.00				COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE												
CE3AA		042	0.99		CC5A/CD5A/CD5BA		042	0.99		0.94									
		048	0.99		CC5A/CD5A/CD5BC		048	0.98		0.93									
COILS + 355MAV042060 VARIABLE-SPEED FURNACE						CC5A/CD5A/ CD5BW		042	0.99		0.94								
CC5A/CD5A/CD5BA		042	1.00		CD3(A,B)A		042	0.99		0.94									
CC5A/CD5A/CD5BC		048	0.99				048	1.00		0.93									
CC5A/CD5A/ CD5BW		042	0.99		CD3CA		042	0.95		0.93									
CD3(A,B)A		048	0.99				048	0.98		0.94									
		042	1.00		CD5A/CD5BA		048	1.00		0.93									
CD3CA		048	0.98		CE3AA		042	1.00		0.94									
CD5A/CD5BA		048	0.99				048	1.01		0.94									
CE3AA		042	1.00				COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE												
		048	1.00		CC5A/CD5A/CD5BA		042	1.00		0.92									
COILS + 355MAV042080 VARIABLE-SPEED FURNACE						CC5A/CD5A/CD5BC		0.99		0.91									
CC5A/CD5A/CD5BA		042	1.00		CC5A/CD5A/ CD5BW		042	0.99		0.92									
CC5A/CD5A/CD5BC		048	0.99		CD3(A,B)A		042	1.00		0.92									
CC5A/CD5A/ CD5BW		042	0.99				048	1.00		0.92									
CD3(A,B)A		048	1.00		CD3CA		042	0.95		0.92									
		042	1.00				048	0.98		0.92									
CD3CA		048	0.98		CD5A/CD5BA		048	1.00		0.92									
		042	0.95		CE3AA		042	1.01		0.92									
CD5A/CD5BA		048	1.00				048	1.01		0.93									
CE3AA		042	1.01				COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE												
		048	1.01		CC5A/CD5A/CD5BA		042	1.00		0.94									
COILS + 355MAV060080 VARIABLE-SPEED FURNACE						CC5A/CD5A/CD5BC		0.98		0.93									
CC5A/CD5A/CD5BA		042	1.00		CC5A/CD5A/ CD5BW		042	0.99		0.93									
CC5A/CD5A/CD5BC		048	0.99		CD3(A,B)A		042	1.00		0.94									
CC5A/CD5A/ CD5BW		042	0.99				048	1.00		0.93									
CD5A/CD5BA		048	1.00		CD3CA		042	0.95		0.93									
CD3(A,B)A		042	1.00				048	0.98		0.93									
		048	1.00		CD5A/CD5BA		048	1.00		0.93									
CD3CA		042	0.95		CE3AA		042	1.00		0.94									
		048	0.98				048	1.01		0.94									

See notes on page 14.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**	Capacity MBtuh†		Total Sys Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
550A048-A Outdoor Section With CD5A/CC5A/CD5BA060 Indoor Section																			
1400	72	53.0	25.6	2.87	51.3	25.0	3.18	49.4	24.3	3.53	47.2	23.6	3.93	44.8	22.8	4.36	42.1	21.9	4.83
	67	50.3	33.2	2.85	48.0	32.2	3.16	45.8	31.4	3.51	43.5	30.5	3.89	41.0	29.6	4.32	38.4	28.6	4.80
	63	47.2	32.8	2.84	45.0	31.8	3.14	42.8	30.9	3.49	40.5	29.9	3.88	38.1	28.8	4.30	33.9	27.0	4.76
	62	46.2	40.4	2.83	44.0	39.3	3.14	41.5	38.1	3.48	38.9	36.8	3.86	36.1	35.3	4.28	33.2	33.2	4.75
	57	42.3	42.3	2.81	40.1	40.1	3.12	38.0	38.0	3.46	36.7	36.7	3.85	35.2	35.2	4.28	33.6	33.6	4.75
1600	72	53.9	26.4	2.94	52.2	25.9	3.26	50.2	25.2	3.61	48.0	24.5	4.00	45.5	23.8	4.44	42.4	22.6	4.90
	67	51.1	34.7	2.92	48.7	33.7	3.23	46.5	32.9	3.58	44.1	32.2	3.96	41.6	31.3	4.39	38.8	30.4	4.86
	63	48.1	34.5	2.91	45.8	33.5	3.22	43.7	32.8	3.57	41.3	31.7	3.95	38.7	30.6	4.37	34.4	28.8	4.83
	62	47.2	43.0	2.91	45.1	42.0	3.22	42.4	40.6	3.56	39.7	39.0	3.94	37.0	37.0	4.36	34.5	34.5	4.83
	57	45.0	45.0	2.89	42.6	42.6	3.20	40.4	40.4	3.55	39.0	39.0	3.93	37.5	37.5	4.36	35.4	35.4	4.83
1800	72	53.7	26.7	3.00	52.9	26.7	3.33	50.9	26.1	3.68	47.9	25.0	4.06	45.6	24.3	4.50	42.3	23.1	4.96
	67	51.5	35.9	2.99	49.5	35.3	3.30	47.2	34.6	3.65	44.8	33.9	4.04	42.0	32.8	4.46	39.1	31.9	4.93
	63	48.6	35.9	2.97	46.5	35.1	3.29	44.4	34.5	3.64	41.9	33.4	4.02	39.2	32.3	4.45	35.2	30.6	4.91
	62	47.8	45.0	2.97	45.7	44.1	3.29	43.1	42.6	3.63	40.5	40.5	4.02	39.0	39.0	4.45	36.7	36.7	4.92
	57	46.6	46.6	2.97	44.8	44.8	3.28	42.5	42.5	3.63	41.1	41.1	4.02	39.0	39.0	4.45	36.7	36.7	4.92
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling				Indoor Section		Size		Cooling							
				Capacity		Power						Capacity		Power					
*CC5A/CD5A/CD5BA		060		1.00		1.00		CD3CA		048		0.97		1.00					
CC5A/CD5A/CD5BC		048		1.00		0.99				060		0.99		0.99					
CC5A/CD5A/CD5BW		048		1.00		1.00		CD5A/CD5BA		048		0.99		1.00					
CD3(A,B)A		060		1.00		1.00		CD3(A,B)A		048		0.99		1.00					
		048		0.99		1.00				060		1.00		1.00					
		060		0.99		1.00		CE3AA		048		1.00		1.01					
CD3CA		048		0.95		1.00				060		1.001		1.00					
		060		0.98		1.00		COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE											
		070		1.01		1.00		CC5A/CD5A/CD5BA		060		0.98		0.94					
CD5A/CD5BA		048		1.00		1.00		CC5A/CD5A/CD5BC		048		0.97		0.94					
CE3AA		048		1.01		1.00		CC5A/CD5A/CD5BW		048		1.00		0.94					
		060		1.00		1.01				060		1.01		0.94					
CF5AA		048		1.00		0.99		CD3(A,B)A		048		0.99		0.94					
CG5AA		048		1.01		0.99				060		0.98		0.94					
F(A,B)4AN(F,B)		048		0.99		1.02		CD3CA		048		0.96		0.94					
		060		0.98		1.04				060		0.99		0.94					
FB4ANB		070		1.01		1.02				070		0.99		0.95					
FC4BN(F,B)		048		1.02		1.02		CD5A/CD5BA		048		0.99		0.94					
COILS + 355MAV060080 VARIABLE-SPEED FURNACE								CE3AA		048		1.00		0.95					
CC5A/CD5A/CD5BA		060		1.00		1.00				060		1.01		0.95					
CC5A/CD5A/CD5BC		048		0.97		1.00		COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE											
CC5A/CD5A/CD5BW		048		0.99		1.00		CC5A/CD5A/CD5BA		060		0.98		0.94					
CD5A/CD5BA		048		0.99		1.00		CC5A/CD5A/CD5BC		048		0.97		0.94					
CD3(A,B)A		048		0.99		1.00		CC5A/CD5A/CD5BW		048		0.99		0.94					
		060		1.00		1.00		CD3(A,B)A		048		0.99		0.94					
CD3CA		048		0.97		1.00				060		0.98		0.94					
		060		0.99		0.99		CD3CA		048		0.96		0.94					
CE3AA		048		1.00		1.01				060		0.99		0.94					
		060		1.01		1.00				070		0.99		0.95					
COILS + 355MAV060100 VARIABLE-SPEED FURNACE								CD5A/CD5BA		048		0.99		0.94					
CC5A/CD5A/CD5BA		060		1.00		1.00		CE3AA		048		1.00		0.95					
CC5A/CD5A/CD5BC		048		0.97		1.00				060		1.01		0.95					
CC5A/CD5A/CD5BW		048		0.99		1.00		COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE											
CD3CA		060		1.01		0.99		CC5A/CD5A/CD5BA		060		0.98		0.94					
		048		0.97		1.00		CC5A/CD5A/CD5BC		048		0.97		0.94					
		060		0.99		0.99		CC5A/CD5A/CD5BW		048		0.99		0.94					
CD5A/CD5BA		048		0.99		1.00		CD5BW		060		1.01		0.94					
CD3(A,B)A		048		0.99		1.00		CD3(A,B)A		048		0.99		0.94					
		060		1.00		1.00				060		0.98		0.94					
CE3AA		048		1.00		1.01		CD3CA		048		0.96		0.94					
		060		1.01		1.00				060		0.99		0.94					
COILS + 355MAV060120 VARIABLE-SPEED FURNACE										070		0.99		0.95					
CC5A/CD5A/CD5BA		060		1.00		1.00		CD5A/CD5BA		048		0.99		0.94					
CC5A/CD5A/CD5BC		048		0.97		1.00		CE3AA		048		1.00		0.95					
CC5A/CD5A/CD5BW		048		0.99		1.00				060		1.01		0.95					

SYSTEM DESIGN

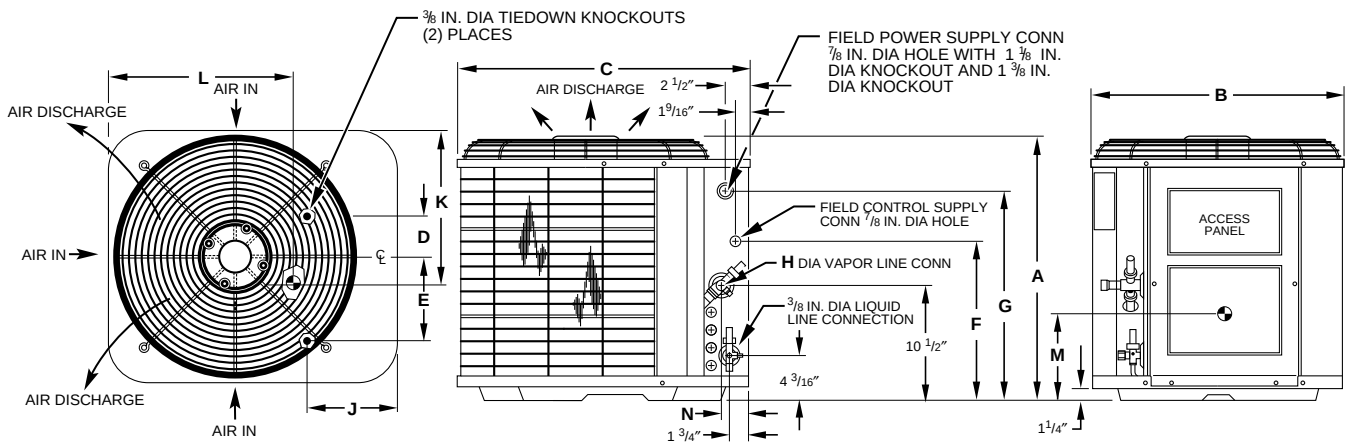
1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Maximum elevation of indoor coil above or below base of outdoor unit is: Indoor coil above = 30 ft, indoor coil below = 30 ft. (See items 6 and 7 following.)
6. For interconnecting refrigerant tube lengths greater than 50 ft, consult Application Guideline available from equipment distributor.
7. Not more than 36 in. of refrigerant tube should be buried in the ground. If necessary to bury tubes under a sidewalk, provide a minimum 6-in. vertical rise to the valve connections at the unit.
8. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
9. Mixmatches of indoor coil capacity more than 1 size larger than outdoor unit capacity may result in inadequate indoor comfort.
10. Do not apply capillary tube indoor coils to these units.
11. Factory-supplied filter drier must be installed.

OPTIONAL EQUIPMENT DESCRIPTION AND USAGE

- 1. Coastal Filter**
Coil protective material guards against condenser coil damage from corrosive atmosphere without restricting airflow.
SUGGESTED USE: In coastal areas where added coil protection is required.
In areas with high pollution levels.
- 2. Compressor Start Assist—Capacitor/Relay Type**
Start capacitor and start relay gives "hard boost to reciprocating compressor motor at each start-up."
SUGGESTED USE: Installations where interconnecting tube length exceeds 50 ft.
Installations where outdoor design temperature exceeds 105°F (40.6°C).
- 3. Compressor Start Assist—PTC Type**
Solid-state electrical device which gives a "soft boost to the reciprocating compressor at each start-up."
SUGGESTED USE: Installations with marginal power supply.
Replacement installations with rapid pressure balance (RPB) expansion valve on indoor coil.
- 4. Crankcase Heater**
An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes chance of refrigerant slugging. May or may not include a thermostat control.
SUGGESTED USE: When interconnecting tube length exceeds 50 ft.
When unit will be operated below 55°F (12.8°C) outdoor air temperature. (Use with low-ambient controller.)
All commercial installations.
- 5. Cycle Protector**
Solid state timing device which prevents compressor rapid recycling. Control provides an approximate 5-minute delay after power to the compressor has been interrupted for any reason, including normal room thermostat cycling.
SUGGESTED USE: Installations in areas where power interruptions are frequent.
Where user is likely to "play with the room thermostat."
All commercial installations.
Installations where interconnecting tube length exceeds 50 ft.
High-rise applications.
- 6. Evaporator Freeze Thermostat**
An SPST temperature actuated switch which stops unit operation when evaporator reaches freeze-up conditions.
SUGGESTED USE: All units where winter start control (Item 14) has been added.
- 7. Liquid Solenoid Valve (LSV)**
An electrically operated shutoff valve to be installed at the outdoor or indoor unit (depending on tubing configuration) and which stops and starts refrigerant liquid flow in response to compressor operation. Maintains a column of refrigerant liquid ready for action at next compressor operation cycle.
NOTE: Compressor start assist—capacitor/relay type (Item 2) must also be used, if the system contains a reciprocating compressor.
SUGGESTED USE: For improved system performance in air conditioners for certain combinations of indoor and outdoor units (Refer to ARI Unitary Directory).
In certain long-line applications. (Refer to Long-Line Application Guideline.).
- 8. Low-Ambient Controller**
Head pressure controller is a cycle control device activated by a temperature sensor mounted on a header tube of the outdoor coil. It is designed to cycle the outdoor fan motors in order to maintain condensing temperature within normal operating limits (approximately 130 to 110°F high, 70 to 50°F low). The control will maintain working head pressure at low-ambient temperatures down to -20°F when properly installed.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F (12.8°C).
- 9. MotorMaster® Control**
A fan speed control device activated by a temperature sensor. Designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. For outdoor temperatures down to -20°F, it maintains condensing temperature at 100°F ± 10°F.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F.
All commercial installations.
- 10. Sound Blanket/Shield/Hood**
Wrap-around sound attenuation cover for the compressor. Reduces the sound level by about 0.2 bels.
SUGGESTED USE: Unit installed closer than 15 ft to quiet areas — bedrooms, etc.
Unit installed between 2 houses less than 10 ft apart.
- 11. Support Feet**
Four stick-on plastic feet which raise the unit 4 in. above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base; minimizes corrosion.
SUGGESTED USE: Improve sound rating.
Coastal installations.
Windy areas or where debris is normally circulating.
Rooftop installations.
- 12. Thermostatic Expansion Valve (TXV) Kits**
A modulating flow-control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator. Kit includes valve, adapter tubes, and external equalizer tube. Hard shutoff valves are available.
SUGGESTED USE: In certain long-line applications.
Commercial installations.
- 13. Time-Delay Relay**
An SPST delay relay which briefly continued operation of the indoor blower motor to provide additional cooling after the compressor cycles off.
SUGGESTED USE: For improved efficiency ratings for certain combinations of indoor and outdoor units. (Refer to ARI Unitary Directory).
- 14. Winter Start Control**
An SPST delay relay which bypasses the low-pressure switch for approximately 3 minutes to permit start-up for cooling operation under low-load conditions.
SUGGESTED USE: All air conditioners where low-ambient controller has been added.

DIMENSIONS

UNIT	SERIES	ELECTRICAL CHARACTERISTICS				A	B	C	D	E	F	G	H	J	K	L	M	N	SHIPPING WEIGHT
						In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	lb
550A024	A	X	O	O	O	33 1 ³ / ₁₆	30	33	5 1 ¹ / ₁₆	9 1 ¹¹ / ₁₆	21 ¹⁵ / ₁₆	28 3 ⁸ / ₁₆	5 ⁸ / ₁₆	8 3 ¹⁶ / ₁₆	17	19 3 ⁴ / ₁₆	15 3 ⁴ / ₁₆	2 1 ¹⁵ / ₁₆	209
550A030	A	X	O	O	O	27 1 ³ / ₁₆	30	33	5 1 ¹ / ₁₆	9 1 ¹¹ / ₁₆	15 ¹⁵ / ₁₆	22 3 ⁸ / ₁₆	3 ⁴ / ₁₆	8 3 ¹⁶ / ₁₆	18 1 ² / ₂	19 3 ⁴ / ₁₆	13	2 1 ¹⁵ / ₁₆	201
550A036	A	X	O	O	O	33 1 ³ / ₁₆	30	33	5 1 ¹ / ₁₆	9 1 ¹¹ / ₁₆	21 ¹⁵ / ₁₆	28 3 ⁸ / ₁₆	3 ⁴ / ₁₆	8 3 ¹⁶ / ₁₆	17	19 3 ⁴ / ₁₆	15 3 ⁴ / ₁₆	2 1 ¹⁵ / ₁₆	234
550A042	A	X	O	O	O	39 1 ³ / ₁₆	30	33	5 1 ¹ / ₁₆	9 1 ¹¹ / ₁₆	27 ¹⁵ / ₁₆	34 3 ⁸ / ₁₆	7 ⁸ / ₁₆	8 3 ¹⁶ / ₁₆	17 3 ⁴ / ₁₆	19	17 3 ⁴ / ₁₆	2 1 ¹⁵ / ₁₆	242
550A048	A	X	O	O	O	39 1 ³ / ₁₆	30	33	5 1 ¹ / ₁₆	9 1 ¹¹ / ₁₆	27 ¹⁵ / ₁₆	34 3 ⁸ / ₁₆	7 ⁸ / ₁₆	8 3 ¹⁶ / ₁₆	16 3 ⁴ / ₁₆	19 1 ² / ₂	17 1 ⁴ / ₄	2 1 ¹⁵ / ₁₆	290
		208/230-1-60				X=YES O=NO													
		230-1-60																	
		208/230-3-60																	
		460-3-60																	



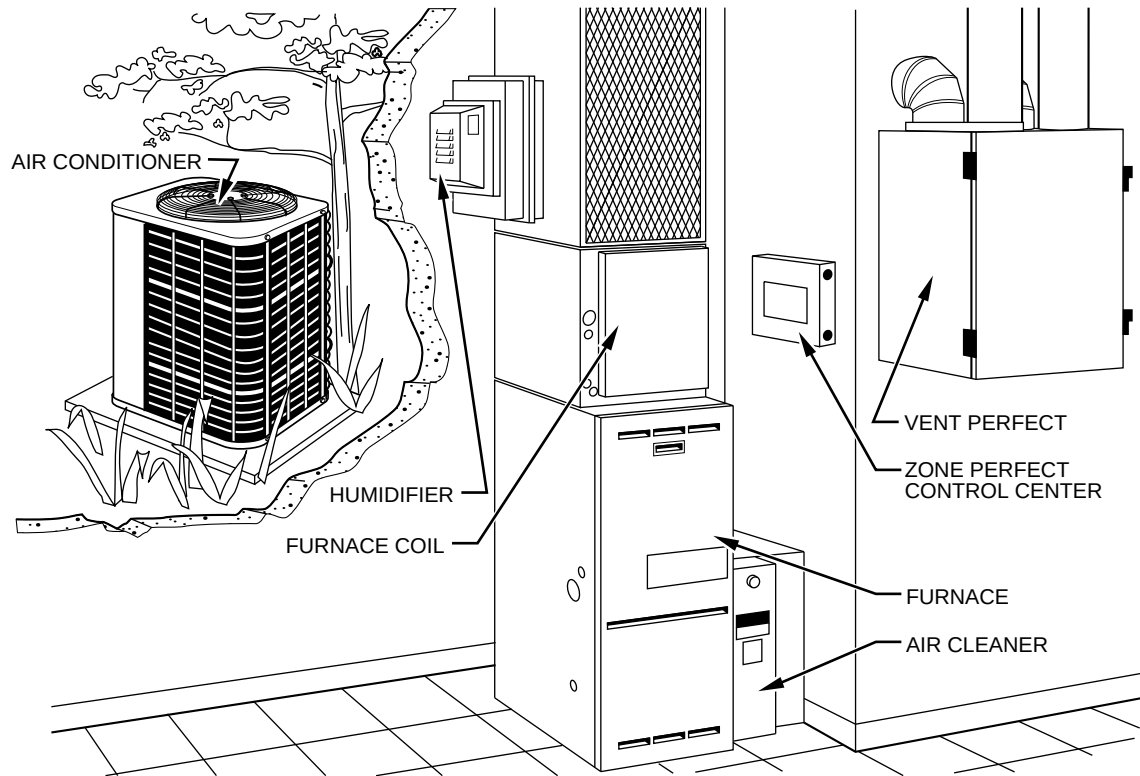
UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS (In.)
24, 30, 36, 42, 48,	26 x 32

NOTES:

1. Allow 30 In. clearance to service side of unit, 48 In. above unit, 6 In. on one side, 12 In. on remaining side, and 24 In. between units for proper airflow.
2. Minimum outdoor operating ambient in cooling mode is 55° F, (unless low-ambient control is used) MAX. 125° F.
3. Series designation is the 14th position of the unit model number.
4. Center of gravity .

A96029

MATCHED SYSTEM



A93473

SERVICE TRAINING

Packaged Service Training programs are an excellent way to increase your knowledge of the equipment discussed in this manual, including:

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- Maintenance
- Installation Overview
- Operating Sequence

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A94328



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT MUST BE INSTALLED IN ACCORDANCE
WITH INSTALLATION INSTRUCTIONS

Cancels: NEW