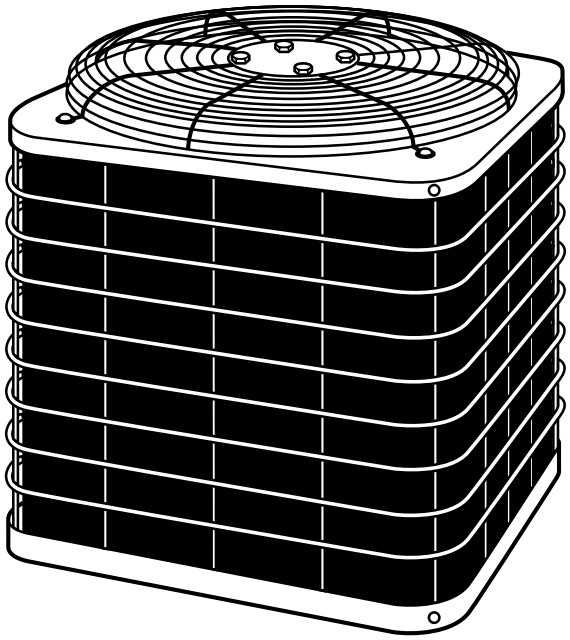
bryant
Heating & Cooling Systems

561C (60 Hz)

ELECTRIC AIR CONDITIONER

Sizes 018 thru 060



Model 561C Energy-Efficient Air Conditioners incorporate innovative technology to provide reliable summer cooling performance. Built into these units are the features most desired by homeowners today including SEER ratings of up to 11.5 when used with components designated by manufacturer. All models are listed with UL, c-UL, ARI, CEC, and CSA-EEV.

AVAILABLE OPTIONS

UNIT DESIGN—Copper tube, enhanced sine wave 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. Heat pump-style base pan for easy removal of water, dirt, and leaves.

ELECTRICAL RANGE—All units are offered in 208–230v single phase. Three-phase units are available from 030 through 060 sizes in 208/230v and from 036 through 060 sizes in 460v.

WIDE RANGE OF SIZES—The 561C is available in 7 nominal sizes from 018 through 060 to meet the needs of residential and light commercial applications.

WEATHER-PROTECTIVE CABINET—The steel panels are protected with a galvanized coating then covered with a layer of zinc phosphate. A modified polyester powder coating is then applied and baked on, providing each unit with a hard, smooth 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. The permanent-split-capacitor-type motor was designed for optimum efficiency. Then, under extreme conditions, the motor was tested and qualified to help ensure the greatest reliability.

APPLICATION VERSATILITY—The unit 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.

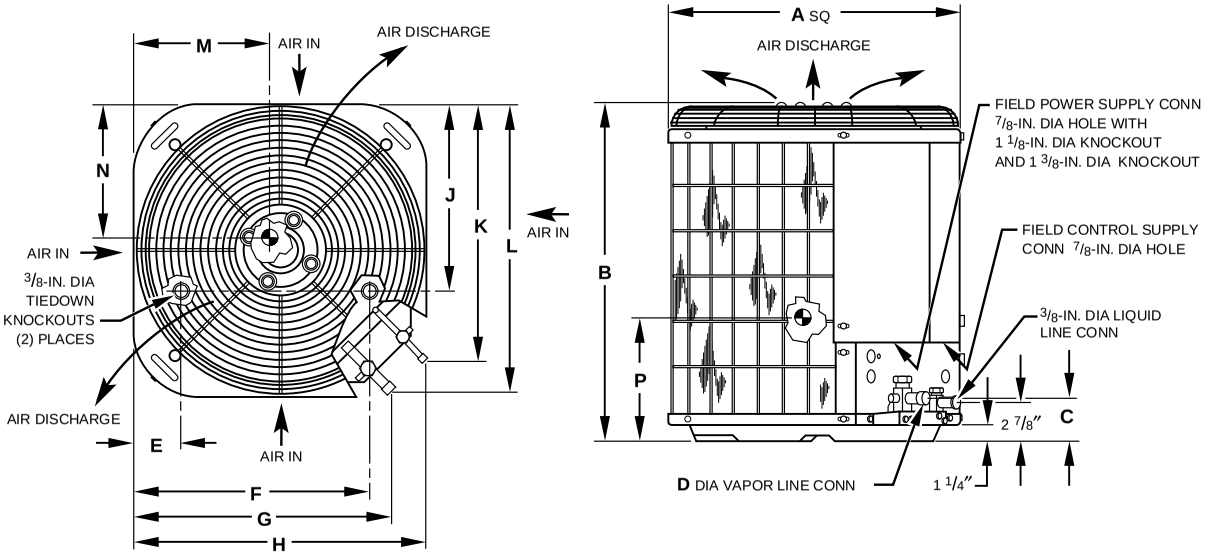
EXTERNAL SERVICE VALVES—The service valves are brass, front seating type. The 561C has sweat field connections. Valves are externally located so refrigerant tube connections can be made quickly and easily. Each valve has a service port for ease of checking operating refrigerant pressures.

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.

COMPRESSOR PROTECTION—Each compressor is protected with internal temperature- and current-sensitive overloads. An internal pressure relief valve provides high-pressure protection to the refrigerant system.

LIMITED WARRANTY—Standard 1-year warranty on parts, with an additional 4-year warranty on compressor.

Form No. PDS 561C.18.6



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, max. 125°F.
3. Series designation is the 14th position of the unit model number.
4. Center of gravity ◔.

A97017

DIMENSIONS (IN.)

UNIT SIZE	SERIES	UNIT DIMENSIONS														MINIMUM MOUNTING PAD DIMENSIONS
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	
018	A, D	18	21-15/16	3-3/16	5/8	3	15	16-5/16	17-3/4	10-3/16	16-1/8	17-3/4	7-7/8	8-3/8	9-3/8	18 X 18
024	A, D	18	23-15/16	3-3/16	5/8	3	15	16-5/16	17-3/4	10-3/16	16-1/8	17-3/4	7-7/8	8-3/8	9-1/2	18 X 18
030	A, D	22-1/2	21-15/16	3-3/16	3/4	3-11/16	18-1/8	19-3/4	22-1/4	14-3/8	19-9/16	22-1/16	10-3/8	10-1/4	10-3/4	22-1/2 X 22-1/2
036	A, B, D	22-1/2	25-15/16	3-3/16	3/4	3-11/16	18-1/8	19-3/4	22-1/4	14-3/8	19-9/16	22-1/16	10-1/4	9-1/2	11-1/4	22-1/2 X 22-1/2
036	E	22-1/2	25-15/16	3-3/16	3/4	3-11/16	18-1/8	19-3/4	22-1/4	14-3/8	19-9/16	22-1/16	10-3/8	10-3/4	11-1/4	22-1/2 X 22-1/2
042	A, C	22-1/2	29-15/16	3-1/4	7/8	3-11/16	18-1/8	19-13/16	22-1/4	14-3/8	19-9/16	22-1/16	10-1/4	9-1/2	11-5/8	22-1/2 X 22-1/2
042	B	22-1/2	29-15/16	3-1/4	7/8	3-11/16	18-1/8	19-13/16	22-1/4	14-3/8	19-9/16	22-1/16	10-3/8	10-3/4	11-1/8	22-1/2 X 22-1/2
048	A, B, C	30	27-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-3/4	20	27-1/16	29-9/16	15	13	14-1/2	30 X 30
060	A, E	30	35-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-3/4	20	27-1/16	29-9/16	15-1/2	14	15-1/2	30 X 30
060	B	30	29-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-3/4	20	27-1/16	29-9/16	15-1/2	14	15	30 X 30

CHECK-FLO-RATER® PISTON CHART

UNIT SIZE	PISTON* IDENTIFICATION NO.
018-A, D	52
024-A, D	57
030-A, D	67
036-A, D, E	73
036-B	70
042-A, C	76
042-B	82
048-A, C	88
048-B	84
060-A, E	93
060-B	90

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

RECOMMENDED TUBE DIAMETERS

UNIT SIZE	Liquid Tube Diameter (In.)		Vapor Tube Diameter (In.)	
	0 to 50 Ft Tube Length	Long-Line Applications*	0 to 50 Ft Tube Length	Long-Line Applications* (Maximum Diameter)
018, 024	3/8	3/8	5/8	3/4
030, 036			3/4	7/8
042, 048			7/8	1-1/8
060			1-1/8	1-1/8

* For tube sets between 50 and 175 ft, consult Residential Split System Long-Line Application Guideline.

SOUND POWER (dBA)

UNIT SIZE	SOUND LEVEL (dBA)	OCTAVE BAND CENTER FREQUENCY (Hz)						
		125	250	500	1000	2000	4000	8000
018-A	80	55.5	64.0	68.5	73.0	71.0	66.5	59.5
018-D	80	57.5	64.0	69.5	72.0	71.5	68.0	60.0
024-A	80	59.5	65.0	69.5	74.0	73.0	70.0	62.0
024-D	82	55.5	63.0	68.0	71.0	70.5	67.5	58.5
030-A	80	55.0	62.5	73.5	74.0	71.0	67.5	59.5
030-D	80	54.0	68.5	72.5	73.0	70.5	67.0	61.5
036-A	82	57.0	64.5	73.0	74.0	72.0	73.0	65.5
036-B	82	55.0	64.0	73.0	74.5	72.0	68.5	64.0
036-D	82	56.0	64.5	69.0	75.5	75.0	72.0	69.5
036-E	82	56.5	70.0	73.5	75.5	74.5	71.0	65.0
042-A	82	58.0	69.5	73.0	71.5	69.5	68.0	63.5
042-B	82	59.0	66.5	68.5	75.5	71.5	73.0	65.5
042-C	82	57.0	69.0	72.5	71.5	69.5	68.0	64.0
048-A	82	58.5	72.5	74.0	77.0	72.5	70.0	65.0
048-B	82	57.0	67.5	72.0	73.0	68.5	67.0	60.5
048-C	82	61.0	69.0	70.0	74.0	75.5	74.5	66.5
060-A	82	57.5	68.0	69.0	72.5	70.5	71.0	70.0
060-B	82	57.5	69.5	75.0	76.0	70.5	69.0	63.0
060-E	82	58.0	64.0	70.0	74.0	72.0	71.0	67.0

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

CERTIFICATE NO. FM 28768
REGISTERED QUALITY SYSTEM

APPROVALS
ISO 9001
EN 29001
BS 5750 PART 1
ANSI/ASQC Q91

SPECIFICATIONS

UNIT SIZE-SERIES	561C018-A, D	561C024-A, D	561C030-A, D	561C030-A
Operating Weight (Lb)	113/115	115/117	124/133	124
ELECTRICAL				
Unit Volts—Hertz—Phase	208-230—60—1			208/230—60—3
Operating Voltage Range*	197—253			187—253
Compressor— Rated Load Amps	9.6/9.0	10.7/11.6	14.2/14.8	9.4
Locked Rotor Amps	49.0/48.0	56.0/60.0	75.0/73.0	68.0
Condenser Fan Motor—Full Load Amps	0.8	1.0	0.8	0.8
Min Unit Ampacity for Wire Sizing	12.8/12.1	14.4/15.5	18.6/19.3	12.6
Min Wire Size (60°C Copper) AWG†	14			
Min Wire Size (75°C Copper) AWG†	14			
Max Wire Length (60°C) (Ft)‡	61/65	50/49	40	70
Max Wire Length (75°C) (Ft)‡	58/61	50/47	40/38	65
Max Branch Circuit Fuse Size**	20/15	20	25	15
COMPRESSOR & REFRIGERANT				
Compressor— Manufacturer	Copeland/Bristol			Copeland
Type	Reciprocating			
Temperature and Current Protection	Internal Line Break			
Refrigerant—Type and Amount @ 15 Ft	R-22 and 3.25/3.30	R-22 and 3.76/3.65	R-22 and 4.19/4.25	R-22 and 4.19
CONDENSER COIL & FAN				
Coil Face Area (Sq Ft)	5.6	6.2	7.4	
Fins Per In.—Rows—Circuit	25—1—1/ 22—1—1	25—1—1/ 22—1—1	25—1—1/ 25—1—1	25—1—2
Fan Motor—PSC Type, HP and RPM	1/8 and 1500	1/6 and 1500	1/10 and 1125	1/10 and 1125
Volts—Hertz—Phase	208/230—60—1			
Condenser Airflow (CFM)	1400/1500	1550/1600	2000	1700
OPTIONAL EQUIPMENT				
Coastal Filter	KAACF0601SML		KAACF0401MED	
Time-Delay Relay	KAATD0101TDR			
Cycle Protector	KSACY0101AAA			
Low-Ambient Controller	N/A		P251-0083 (RCD)	
Crankcase Heater	KAACH1001AAA			
Inlet Grille Kit	KSABG0105CMC	KSABG0205CMC	KSABG0604CSM	
Start Assist—Capacitor/Relay Type††	KSAHS0901AAA	KSAHS1001AAA/KSAHS0901AAA/KSAHS0901AAA		N/A
Start Assist—PTC Type	KAACS0201PTC			N/A
Sound Hood	N/A		N/A / KSASH1301TEC/ KSASH2001BRL	N/A / KSASH1301TEC
TXV (RPB)	KAATX0201RPB	KAATX0301RPB	KAATX0401RPB	
TXV (Hard Shutoff)††	KSATX0601HSO			
Low-Pressure Switch	KAALP0101LPS			
High-Pressure Switch	KSAHI0101HPS			
Filter Drier	P502-8083S (RCD)			
Evaporator Freeze Thermostat‡‡	KAAFT0101AAA			
Liquid-Line Solenoid Valve††	KAALS0101LLS			
Winter Start Control‡‡	KAAWS0101AAA			
MotorMaster® Control***	N/A		32LT660004 (RCD)	
Ball Bearing Fan Motor	N/A		HC34GE231 (RCD)	
Thermostat, Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBNAC01-B			
Thermostat, Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBPAC01-B			
Builder's Thermostat, Manual Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBBAC01-B			
Thermidistat Control, Programmable/ Non-Programmable Thermostat with Humidity Control	TSTATBBPRH01-B			
Outdoor Air Temperature Sensor	TSTATXXSEN01-B			
Backplate for Non-Programmable Thermostat	TSTATXXNBP01			
Backplate for Programmable Thermostat	TSTATXXPBP01			
Backplate for Builder's Thermostat	TSTATXXBBP01			
Thermostat Conversion Kit (4 to 5 wire)	TSTATXXCNV10			

See notes on page 7.

SPECIFICATIONS Continued

UNIT SIZE-SERIES	561C036-A, B, E	561C036-B, D	561C036-B	561C042-A, B	561C042-B, C	561C042-B
Operating Weight (Lb)	129/138/138	129/133	133	138/142		142
ELECTRICAL						
Unit Volts—Hertz—Phase	208-230—60—1	208/230—60—3	460—60—3	208-230—60—1	208/230—60—3	460—60—3
Operating Voltage Range*	197—253	187—253	414—506	197—253	187—253	414—506
Compressor— Rated Load Amps	16.7/14.8/16.0	10.0/10.6	5.1	20.5/19.7	13.6/12.4	6.2
Locked Rotor Amps	95.0/86.0/81.0	75.0/64.5	33.0	115.0/102.0	91.0/90.0	42.0
Condenser Fan Motor—Full Load Amps	1.4	1.4	0.8	1.4	1.4	0.8
Min Unit Ampacity for Wire Sizing	22.3/19.9/21.4	13.9/14.7	7.2	27.0/26.0	18.4/16.9	8.6
Min Wire Size (60°C Copper) AWG†	12	14	14	10	14	14
Min Wire Size (75°C Copper) AWG†	12	14	14	10	14	14
Max Wire Length (60°C) (Ft)‡	55/55/58	65/60	250	70/75	45/50	210
Max Wire Length (75°C) (Ft)‡	50/55/55	62/55	238	70	45/50	200
Max Branch Circuit Fuse Size**	30	20	15	40	25	15
COMPRESSOR & REFRIGERANT						
Compressor— Manufacturer	Millennium/ Copeland/Bristol	Copeland/ Millennium	Copeland	Millennium/ Copeland	Copeland/ Millennium	Copeland
Type	Scroll/ Reciprocating/ Reciprocating	Reciprocating/ Scroll	Reciprocating	Scroll/ Reciprocating	Reciprocating/ Scroll	Reciprocating
Temperature and Current Protection	Internal Line Break					
Refrigerant—Type and Amount @ 15 Ft	R-22 and 4.63/ 5.00/4.60	R-22 and 5.00/ 4.63	R-22 and 5.00	R-22 and 5.00/ 5.13	R-22 and 5.13/ 5.00	R-22 and 5.13
CONDENSER COIL & FAN						
Coil Face Area (Sq Ft)	9.1			10.7		
Fins Per In.—Rows—Circuit	20—1—2/ 25—1—2/ 25—1—2	25—1—2/ 20—1—2	25—1—2	22—1—3/ 25—1—3	25—1—3/ 22—1—3	25—1—3
Fan Motor—PSC Type, HP and RPM	1/5 and 1125/ 1100/1125	1/5 and 1125	1/4 and 1125	1/5 and 1125		1/4 and 1125
Volts—Hertz—Phase	208/230—60—1		460—60—1	208/230—60—1		460—60—1
Condenser Airflow (CFM)	2500			3400		
OPTIONAL EQUIPMENT						
Coastal Filter	KAACF0401MED					
Time-Delay Relay	KAATD0101TDR					
Cycle Protector	Standard/ KSACY0101AAA/ KSACY0101AAA	KSACY0101AAA		Standard/ KSACY0101AAA	KSACY0101AAA	
Low-Ambient Controller	P251-0083 (RCD)					
Crankcase Heater	KAACH1201AAA / KAACH1001AAA/ KAACH1001AAA	KAACH1201AAA/ KAACH1001AAA	KAACH1101AAA	KAACH1201AAA/KAACH1001AAA		KAACH1101AAA
Inlet Grille Kit	KSABG0804CSM			KSABG1004CSM		
Start Assist—Capacitor/Relay Type††	KSAHS1501AAA/ KSAHS1001AAA/ KSAHS1101AAA	N/A		KSAHS1501AAA/ KSAHS1301AAA	N/A	
Start Assist—PTC Type	KAACS0201PTC	N/A		KAACS0201PTC	N/A	
Sound Hood	KSASH1901CYL/ KSASH1201COP/ KSASH2001BRL	KSASH1901CYL/ N/A	N/A	KSASH1901CYL /KSASH1201COP		KSASH1201COP
TXV (RPB)	KAATX0501RPB					
TXV (Hard Shutoff)††	KSATX0601HSO					
Low-Pressure Switch	KAALP0101LPS					
High-Pressure Switch	KSAHI0101HPS					
Filter Drier	P502-8083S (RCD)			P502-8163S (RCD)		
Evaporator Freeze Thermostat‡‡	KAAFT0101AAA					
Liquid-Line Solenoid Valve††	KAALS0101LLS					
Winter Start Control‡‡	KAAWS0101AAA					
MotorMaster® Control***	32LT660004 (RCD)		32LT660005 (RCD)	32LT660004 (RCD)		32LT660005 (RCD)
Ball Bearing Fan Motor	HC40GE230 (RCD)		HC40GE461 (RCD)	HC40GE230 (RCD)		HC40GE461 (RCD)
Thermostat, Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBNAC01-B					
Thermostat, Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBPAC01-B					
Builder's Thermostat, Manual Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBBAC01-B					
Outdoor Air Temperature Sensor	TSTATXXSEN01-B					
Backplate for Non-Programmable Thermostat	TSTATXXNBP01					
Backplate for Programmable Thermostat	TSTATXXPBP01					
Backplate for Builder's Thermostat	TSTATXXBBP01					
Thermostat Conversion Kit (4 to 5 wire)	TSTATXXCNV10					

See notes on page 7.

SPECIFICATIONS Continued

UNIT SIZE-SERIES	561C048-A, B	561C048-B, C		561C060-A, B	561C060-B, E	
Operating Weight (Lb)	192/198			233/218		
ELECTRICAL						
Unit Volts—Hertz—Phase	208-230—60—1	208/230—60—3	460—60—3	208-230—60—1	208/230—60—3	460—60—3
Operating Voltage Range*	197—253	187—253	414—506	197—253	187—253	414—506
Compressor— Rated Load Amps	24.4/23.7	13.5/14.1	7.4/7.1	28.9/28.8	18.3/16.0	9.0/8.0
Locked Rotor Amps	140.0/129.0	120.0/105.0	49.5/52.5	165.0/169.0	137.0/125.0	62.0/66.5
Condenser Fan Motor—Full Load Amps	1.4	1.4	0.8	1.4	1.4	0.8
Min Unit Ampacity for Wire Sizing	31.9/31.0	18.3/19.0	10.1/9.7	37.5/37.4	24.3/21.4	12.1/10.8
Min Wire Size (60°C Copper) AWG†	8	14	14	8	12	14
Min Wire Size (75°C Copper) AWG†	10	14	14	8	12	14
Max Wire Length (60°C) (Ft)‡	95/100	45/48	185/182	80	58/68	150/165
Max Wire Length (75°C) (Ft)‡	55/60	45/46	175/173	75	55/65	142/157
Max Branch Circuit Fuse Size**	50	25	15	60	35/30	15
COMPRESSOR & REFRIGERANT						
Compressor—Manufacturer	Millennium/ Copeland	Copeland/ Millennium		Millennium/ Copeland	Copeland/ Millennium	
Type	Scroll	Scroll		Scroll	Scroll	
Temperature and Current Protection	Internal Line Break					
Refrigerant—Type and Amount @ 15 Ft	R-22 and 6.63/6.38			R-22 and 9.89/8.46		
CONDENSER COIL & FAN						
Coil Face Area (Sq Ft)	14.8			19.8/16.1		
Fins Per In.—Rows—Circuits	22—1—3/17—1—3			25—1—4		
Fan Motor—PSC Type, HP and RPM	1/4 and 1125					
Volts—Hertz—Phase	208/230—60—1		460—60—1	208/230—60—1		460—60—1
Condenser Airflow (CFM)	3400					
OPTIONAL EQUIPMENT						
Coastal Filter	KAACF0501LRG					
Time-Delay Relay	KAATD0101TDR					
Cycle Protector	Standard/ KSACY0101AAA	KSACY0101AAA		Standard/ KSACY0101AAA	KSACY0101AAA	
Low-Ambient Controller	P251-0083 (RCD)					
Crankcase Heater	KAACH1201AAA		KAACH1301AAA	KAACH1201AAA		KAACH1301AAA
Inlet Grille Kit	K5ABG1704CMD			KSABG1804CMD	KSABG2104CMD	
Start Assist—Capacitor/Relay Type††	KSAHS1601AAA	N/A		KSAHS1601AAA	N/A	
Start Assist—PTC Type	KAACS0201PTC	N/A		KAACS0201PTC	N/A	
Sound Hood	KSASH2001CYL / KSASH2101COP					
TXV Kit (RPB)	KAATX0601RPB			KAATX0701RPB		
TXV (Hard Shutoff)††	KSATX0701HSO					
Low-Pressure Switch	KAALP0101LPS					
High-Pressure Switch	KSAHI0101HPS					
Filter Drier	P502-8163S (RCD)					
Evaporator Freeze Thermostat‡‡	KAAFT0101AAA					
Liquid-Line Solenoid Valve††	KAALS0101LLS					
Winter Start Control‡‡	KAAWS0101AAA					
MotorMaster® Control***	32LT660004 (RCD)		32LT660005 (RCD)	32LT660004 (RCD)		32LT660005 (RCD)
Ball Bearing Fan Motor	HC40GE230 (RCD)		HC40GE461 (RCD)	HC40GE230 (RCD)		HC40GE461 (RCD)
Thermostat, Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBNAC01-B					
Thermostat, Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBPAC01-B					
Builder's Thermostat, Manual Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBBAC01-B					
Outdoor Air Temperature Sensor	TSTATXXSEN01-B					
Backplate for Non-Programmable Thermostat	TSTATXXNBP01					
Backplate for Programmable Thermostat	TSTATXXPBP01					
Backplate for Builder's Thermostat	TSTATXXBBP01					
Thermostat Conversion Kit (4 to 5 wire)	TSTATXXCNV10					

See notes on page 7.

* Permissible limits of the voltage range at which unit will operate satisfactorily. Operation outside these limits may result in unit failure.
† 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 336-26.
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).
‡ Length shown is as measured 1 way along wire path between unit and service panel for voltage drop not to exceed 2%.
** Time-delay fuse or circuit breaker.
†† Start assist capacitor and relay required when using liquid solenoid valve or hard shutoff TXV (except 036 and 042, Series A; 048 and 060, Series A/B single phase; and all 3-phase units). Do not use hard shutoff TXV with liquid solenoid valve.
‡‡ Use with low-ambient controller.
*** Fan motor with ball bearings required.
N/A—Not Applicable
NOTES: 1. All motors/compressors contain internal overload protection.
2. Copper wire must be used from service disconnect to unit.
3. Control circuit is 24v on all units and requires external power source.

ACCESSORY USAGE GUIDELINE

ACCESSORY	REQUIRED FOR LOW-AMBIENT APPLICATIONS (Below 55°F)	REQUIRED FOR LONG-LINE APPLICATIONS* (Over 50 Ft)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 Miles)
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Winter Start Control	Yes†	No	No
Accumulator	No	No	No
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
Low Ambient Controller or MotorMaster® Control	Yes	No	No
Wind Baffle	See Low-Ambient Instructions	No	No
Coastal Filter	No	No	Yes
Support Feet	Recommended	No	Recommended
Liquid-Line Solenoid Valve or Hard Shutoff TXV	No	See Long-Line Application Guideline	No
Ball Bearing Fan Motor	Yes	No	No

* For tubing line sets between 50 and 175 ft, refer to Residential's Split Systems Long-Line Application Guidelines.
† Only when low-pressure switch is used.

ACCESSORY DESCRIPTION AND USAGE (Listed Alphabetically)

1. Ball Bearing Fan Motor
A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication.
SUGGESTED USE: Required on all units where Low-Ambient Controller (full modulation feature) or MotorMaster® Control has been added.

2. Coastal Filter
A mesh screen inserted under the top cover and inside the base pan to protect the condenser coil from salt damage without restricting airflow.
SUGGESTED USE: In geographic areas where salt damage could occur.

3. Compressor Start Assist—Capacitor/Relay Type
Start capacitor and start relay which gives "hard" boost to 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).
Replacement installations with hard shutoff expansion valve on indoor coil.
Installations where Liquid-Line Solenoid Valve has been added.

4. Compressor Start Assist—PTC Type
Solid-state electrical device which gives a "soft" boost to compressor motor at each start-up.
SUGGESTED USE: Installations with marginal power supply.
Replacement installations with rapid pressure balance (RPB) expansion valve on indoor coil.

5. 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.

6. 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.

7. 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 has been added.

8. Filter Drier
A device for removing contaminants from refrigerant circulating in an air conditioner: 1-direction flow.
SUGGESTED USE: All split-system units.

ACCESSORY DESCRIPTION AND USAGE (Listed Alphabetically) Continued

9. High-Pressure Switch
Auto reset SPST switch activated by refrigerant pressure on high side of refrigerant circuit. Cycles compressor off if refrigerant pressure rises to 400 ± 10 psig and resets at 298 ± 20 psig. Provides protection against compressor damage due to loss of outdoor airflow. To prevent rapid compressor recycling, Cycle Protector can be used with this switch.
SUGGESTED USE: Installations exposed to very "dirty" outdoor air.
Installations where condenser inlet air temperature exceeds 125°F (51.7°C).

10. Inlet Grille Kit
A field-installed enhanced inlet grille to replace the standard inlet grille on residential air conditioners and heat pumps.
SUGGESTED USE: For greater protection against inclement weather, incidental damage, and vandalism.

11. Liquid-Line 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 must also be used. Do not use with hard shutoff TXV.
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.

12. 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 motor in order to maintain condensing temperature within normal operating limits (approximately 100°F high and 60°F low).
The control will maintain working head pressure at low-ambient temperatures down to 0°F when properly installed.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F (12.8°C).

13. Low-Pressure Switch
Auto reset SPST switch activated by refrigerant pressure on low side of refrigerant circuit. Cycles compressor off if refrigerant pressure drops to about 27 psig. Prevents indoor coil freeze-up due to loss of indoor airflow. Provides protection against compressor damage due to loss of refrigerant charge. To prevent rapid compressor recycling, Cycle Protector can be used with this switch.
SUGGESTED USE: Where indoor coil is exposed to "dirty" air.
All commercial installations.

14. 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.

15. Outdoor Air Temperature Sensor
A device that allows the temperature at a remote location (outdoors) to be displayed at the thermostat
SUGGESTED USE: All corporate programmable thermostats.

16. Sound Hood
Wraparound sound attenuation cover for the compressor. Reduces unit sound level by about 2 dBA.
SUGGESTED USE: Unit installed closer than 15 ft to quiet areas—bedrooms, etc.
Unit installed between 2 houses less than 10 ft apart.

17. Thermostatic Expansion Valve (TXV)
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. Both hard shutoff and RPB valves are available. Do not use hard shutoff TXV with Liquid-Line Solenoid Valve.
SUGGESTED USE: For improved system performance in cooling mode for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory.
Required for use on all zoning systems.

18. Time-Delay Relay
An SPST delay relay which briefly continues 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.
Required for use on all zoning systems.

19. 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.

COMBINATION RATINGS

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY-SUPPLIED ENHANCE-MENT	STANDARD RATING	BRYANT GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	EERA
018-A, D	CC5A/CD5AA018*	17,200	NONE	—	10.00	10.00	9.20
	CC5A/CD5AA024	17,600	NONE	10.00	10.50	10.50	9.45
	CC5A/CD5AW024	17,600	NONE	10.00	10.50	10.50	9.45
	CE3AA024	17,800	NONE	10.00	10.50	10.50	9.50
	CF5AA024	17,800	NONE	10.00	10.50	10.50	9.50
	CK3BA024	17,600	NONE	10.00	10.50	10.50	9.55
	CK5A/CK5BA018	17,200	NONE	—	10.00	10.00	9.35
	CK5A/CK5BA024	17,600	NONE	10.00	10.50	10.50	9.55
	CK5A/CK5BW024	17,600	NONE	10.00	10.50	10.50	9.55
	F(A,B)4AN(F,C)018	16,800	TDR	10.00	—	10.00	9.25
	F(A,B)4AN(F,C)024	17,600	TDR	10.50	—	10.50	9.60
	FC4BNF024	17,600	TDR&TXV	10.50	—	—	9.60
	FF1(B,C,D)NA018	17,200	TDR	10.50	—	10.50	9.55
	FF1(B,C,D)NA024	17,600	TDR	10.50	—	10.50	9.55
	FG3AAA024	17,500	NONE	—	10.20	10.20	9.35
	FK4CNF001	17,500	TDR&TXV	11.50	—	—	10.70
	FK4CNF002	17,600	TDR&TXV	11.50	—	—	10.80
	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA018	17,200	TDR	11.00	—	11.00	10.10
	CC5A/CD5AA024	17,600	TDR	11.20	—	11.20	10.45
	CK3BA024	17,600	TDR	11.20	—	11.20	10.60
	CK5A/CK5BA018	17,200	TDR	11.00	—	11.00	10.30
	CK5A/CK5BA024	17,600	TDR	11.20	—	11.20	10.60
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	17,600	TDR	11.20	—	11.20	10.25
	CK3BA024	17,600	TDR	11.20	—	11.20	10.35
	CK5A/CK5BW024	17,600	TDR	11.20	—	11.20	10.35
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	17,600	TDR	11.20	—	11.20	10.30
	CK5A/CK5BW024	17,600	TDR	11.20	—	11.20	10.45
024-A, D	CC5A/CD5AA024*	22,400	NONE	—	10.00	10.00	9.05
	CC5A/CD5AA030	22,600	NONE	—	10.00	10.00	9.10
	CC5A/CD5AW024	22,400	NONE	—	10.00	10.00	9.05
	CC5A/CD5AW030	22,600	NONE	—	10.00	10.00	9.10
	CE3AA024	22,600	NONE	—	10.00	10.00	9.10
	CE3AA030	23,000	NONE	—	10.20	10.20	9.20
	CF5AA024	22,600	NONE	—	10.00	10.00	9.10
	CK3BA024	22,400	NONE	—	10.00	10.00	9.15
	CK3BA030	22,600	NONE	—	10.00	10.00	9.15
	CK5A/CK5BA024	22,400	NONE	—	10.00	10.00	9.15
	CK5A/CK5BA030	22,600	NONE	—	10.00	10.00	9.15
	CK5A/CK5BW024	22,400	NONE	—	10.00	10.00	9.15
	CK5A/CK5BW030	22,600	NONE	—	10.00	10.00	9.15
	F(A,B)4AN(F,C)024	22,600	TDR	10.00	—	10.00	9.20
	F(A,B)4AN(F,C)030	23,000	TDR	10.20	—	10.20	9.30
	FC4BNF024	22,600	TDR & TXV	10.00	—	—	9.20
	FC4BNF030	23,000	TDR & TXV	10.20	—	—	9.30
	FF1(B,C,D)NA024	22,600	TDR	10.00	—	10.00	9.05
	FF1(B,C,D)NA030	23,200	TDR	10.00	—	10.00	9.20
	FG3AAA024	22,000	NONE	—	10.00	10.00	8.95
	FK4CNF001	23,200	TDR & TXV	11.20	—	—	10.15
	FK4CNF002	23,400	TDR & TXV	11.30	—	—	10.20
	FK4CNF003	23,600	TDR & TXV	11.50	—	—	10.40
	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA024	22,400	TDR	10.50	—	10.50	9.80
	CC5A/CD5AA030	22,600	TDR	11.00	—	11.00	9.95
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA024	22,400	TDR	10.50	—	10.50	9.90
	CK5A/CK5BA030	22,600	TDR	11.00	—	11.00	10.00
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	10.00
	CK3BA024	22,400	TDR	10.50	—	10.50	9.90
	CK3BA030	22,600	TDR	11.00	—	11.00	10.00
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW030	22,600	TDR	10.50	—	10.50	9.80
	CK5A/CK5BW030	22,600	TDR	10.50	—	10.50	9.85
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	22,400	TDR	10.50	—	10.50	9.70
	CC5A/CD5AW030	22,600	TDR	10.50	—	10.50	9.80
	CK3BA024	22,400	TDR	10.50	—	10.50	9.75
	CK3BA030	22,600	TDR	10.50	—	10.50	9.85
	CK5A/CK5BW024	22,400	TDR	10.50	—	10.50	9.75
	CK5A/CK5BW030	22,600	TDR	10.50	—	10.50	9.85
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	22,400	TDR	10.50	—	10.50	9.90
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	10.00
	CK5A/CK5BW024	22,400	TDR	10.50	—	10.50	9.95
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	10.05

See notes on page 14.

COMBINATION RATINGS Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY-SUPPLIED ENHANCE-MENT	STANDARD RATING	BRYANT GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	EERA
030-A, D	CD5A/CD5AA030*	28,000	NONE	10.00	10.10	10.10	9.10
	CC5A/CD5AA036	29,000	NONE	10.00	10.10	10.10	9.30
	CC5A/CD5AW030	28,000	NONE	10.00	10.10	10.10	9.10
	CD5AW036	29,000	NONE	10.00	10.10	10.10	9.30
	CE3AA030	27,800	NONE	10.00	10.10	10.10	9.15
	CE3AA036	28,600	NONE	10.00	10.10	10.10	9.25
	CF5AA036	28,800	NONE	10.00	10.10	10.10	9.30
	CK3BA030	28,000	NONE	10.00	10.10	10.10	9.10
	CK3BA036	29,000	NONE	10.00	10.10	10.10	9.35
	CK5A/CK5BA030	28,000	NONE	10.00	10.10	10.10	9.10
	CK5A/CK5BA036	29,000	NONE	10.00	10.10	10.10	9.35
	CK5A/CK5BN036	27,000	NONE	10.00	10.10	10.10	9.35
	CK5A/CK5BT036	29,000	NONE	10.00	10.10	10.10	9.35
	CK5A/CK5BW030	28,000	NONE	10.00	10.10	10.10	9.10
	CK5A/CK5BW036	29,000	NONE	10.00	10.10	10.10	9.35
	F(A,B)4AN(F,C)030	27,600	TDR	10.00	—	10.00	9.20
	F(A,B)4AN(F,C)036	28,200	TDR	10.00	—	10.00	9.10
	FC4BNF030	27,600	TDR & TXV	10.00	—	—	9.20
	FC4BNF036	28,200	TDR & TXV	10.00	—	—	9.10
	FF1(B,C,D)NA030	28,000	TDR	10.00	—	10.00	9.10
	FG3AAA036	28,000	NONE	10.00	10.10	10.10	9.20
	FK4CNF001	29,000	TDR & TXV	11.00	—	—	9.95
	FK4CNF002	29,200	TDR & TXV	11.00	—	—	10.00
	FK4CNF003	29,400	TDR & TXV	11.50	—	—	10.30
	FK4CNF005	29,600	TDR & TXV	11.50	—	—	10.55
	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA030	28,000	TDR	10.50	—	10.50	9.70
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.00
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.70
	CK3BA030	28,000	TDR	10.50	—	10.50	9.70
	CK3BA036	29,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BA030	28,000	TDR	10.50	—	10.50	9.70
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BN036	27,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.70
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.80
	CD5AW036	29,000	TDR	11.00	—	11.00	10.15
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.85
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.20
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.50
	CD5AW036	29,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.50
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	9.85
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	9.80
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.50
	CK3BA030	28,000	TDR	10.50	—	10.50	9.50
	CK3BA036	29,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.50
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.55
	CD5AW036	29,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.60
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	9.95
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.45
	CD5AW036	29,000	TDR	11.00	—	11.00	9.80
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.50
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	9.85
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.75
	CD5AW036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.80
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.10
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CD5AW036	29,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.05
036-A, B, D, E	CC5A/CD5AA036*	33,800	NONE	10.00	10.20	10.20	9.20
	CC5A/CD5AA042	33,800	NONE	10.00	10.20	10.20	9.20
	CC5A/CD5AW042	33,800	NONE	10.00	10.20	10.20	9.15
	CD5AW036	33,800	NONE	10.00	10.20	10.20	9.20
	CE3AA036	33,400	NONE	10.00	10.20	10.20	9.10
	CE3AA042	33,600	NONE	10.00	10.20	10.20	9.25
	CF5AA036	33,600	NONE	10.00	10.20	10.20	9.15

See notes on page 14.

COMBINATION RATINGS Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY-SUPPLIED ENHANCE-MENT	STANDARD RATING	BRYANT GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	EERA
036-A, B, D, E	CK3BA036	33,800	NONE	10.00	10.20	10.20	9.20
	CK3BA042	33,800	NONE	10.00	10.20	10.20	9.20
	CK5A/CK5BA036	33,800	NONE	10.00	10.20	10.20	9.20
	CK5A/CK5BA042	33,800	NONE	10.00	10.20	10.20	9.20
	CK5A/CK5BN036	31,400	NONE	10.00	10.20	10.20	9.30
	CK5A/CK5BN042	33,800	NONE	10.00	10.20	10.20	9.20
	CK5A/CK5BT036	33,800	NONE	10.00	10.20	10.20	9.20
	CK5A/CK5BT042	33,800	NONE	10.00	10.20	10.20	9.20
	CK5A/CK5BW036	33,800	NONE	10.00	10.20	10.20	9.20
	F(A,B)4AN(F,B,C)042	33,800	TDR	10.00	—	10.00	9.15
	F(A,B)4AN(F,C)036	33,000	TDR	10.00	—	10.00	8.90
	FC4BN(F,B)042	33,800	TDR & TXV	10.00	—	—	9.15
	FC4BNB054	34,800	TDR & TXV	10.50	—	—	9.70
	FC4BNF036	33,000	TDR & TXV	10.00	—	—	8.90
	FG3AAA036	32,600	NONE	—	10.00	10.00	9.05
	FK4CNB006	35,200	TDR & TXV	11.00	—	—	10.55
	FK4CNF001	33,000	TDR & TXV	10.00	—	—	9.60
	FK4CNF002	33,000	TDR & TXV	10.00	—	—	9.60
	FK4CNF003	33,600	TDR & TXV	10.50	—	—	10.05
	FK4CNF005	35,000	TDR & TXV	11.00	—	—	10.35
	COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,400	TDR	10.50	—	10.50	9.65
	CK3BA036	33,400	TDR	10.50	—	10.50	9.65
	CK5A/CK5BA036	33,400	TDR	10.50	—	10.50	9.65
	CK5A/CK5BN036	31,400	TDR	10.50	—	10.50	9.55
	CK5A/CK5BT036	33,400	TDR	10.50	—	10.50	9.65
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	9.85
	CC5A/CD5AW042	33,400	TDR	10.80	—	10.80	9.80
	CD5AW036	33,400	TDR	10.50	—	10.50	9.80
	CK3BA042	33,400	TDR	10.80	—	10.80	9.85
	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	9.85
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	9.85
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	9.80
	COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	10.05
	CD5AW036	33,400	TDR	10.50	—	10.50	10.00
	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	10.10
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	10.10
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	10.05
	COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	10.00
	CD5AW036	33,400	TDR	10.50	—	10.50	9.95
	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	10.00
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	10.00
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	9.95
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	9.75
	CD5AW036	33,400	TDR	10.50	—	10.50	9.70
	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	9.80
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	9.80
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,400	TDR	10.50	—	10.50	9.70
	CK3BA036	33,400	TDR	10.50	—	10.50	9.70
	CK3BA042	33,400	TDR	10.80	—	10.80	9.75
	CK5A/CK5BA036	33,400	TDR	10.50	—	10.50	9.70
	CK5A/CK5BT036	33,400	TDR	10.50	—	10.50	9.70
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	9.75
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	9.80
	CC5A/CD5AW042	33,400	TDR	10.80	—	10.80	9.75
	CD5AW036	33,400	TDR	10.50	—	10.50	9.75
	CK3BA042	33,400	TDR	10.80	—	10.80	9.85
	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	9.85
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	9.85
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	9.80
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	9.75
	CC5A/CD5AW042	33,400	TDR	10.80	—	10.80	9.70
	CD5AW036	33,400	TDR	10.50	—	10.50	9.65
	CK3BA042	33,400	TDR	10.80	—	10.80	9.75
	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	9.75
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	9.75
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	9.70
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	9.95
	CC5A/CD5AW042	33,400	TDR	10.80	—	10.80	9.90
	CD5AW036	33,400	TDR	10.50	—	10.50	9.90

See notes on page 14.

COMBINATION RATINGS Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY-SUPPLIED ENHANCE-MENT	STANDARD RATING	BRYANT GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	EERA
036-A, B, D, E	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	10.00
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	10.00
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	9.95
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,400	TDR	10.80	—	10.80	9.90
	CD5AW036	33,400	TDR	10.50	—	10.50	9.85
	CK5A/CK5BA042	33,400	TDR	10.80	—	10.80	9.95
	CK5A/CK5BT042	33,400	TDR	10.80	—	10.80	9.95
	CK5A/CK5BW036	33,400	TDR	10.50	—	10.50	9.90
042-A, B, C	CC5A/CD5AA042*	40,000	NONE	10.00	10.10	10.10	9.00
	CC5A/CD5AC048	39,500	NONE	10.00	10.10	10.10	8.95
	CC5A/CD5AW042	40,000	NONE	10.00	10.10	10.10	9.00
	CC5A/CD5AW048	40,000	NONE	10.00	10.10	10.10	9.00
	CD5AA048	40,000	NONE	10.00	10.10	10.10	9.00
	CE3AA042	39,500	NONE	10.00	10.10	10.10	8.95
	CE3AA048	40,500	NONE	10.00	10.10	10.10	9.10
	CK3BA042	40,000	NONE	10.00	10.10	10.10	9.00
	CK3BA048	40,000	NONE	10.00	10.10	10.10	9.00
	CK5A/CK5BA042	40,000	NONE	10.00	10.10	10.10	9.05
	CK5A/CK5BA048	40,000	NONE	10.00	10.10	10.10	9.00
	CK5A/CK5BN042	39,000	NONE	10.00	10.10	10.10	9.05
	CK5A/CK5BN048	39,000	NONE	10.00	10.10	10.10	9.00
	CK5A/CK5BW048	40,000	NONE	10.00	10.10	10.10	9.00
	F(A,B)4AN(F,B)042	40,000	TDR	10.00	—	10.00	9.00
	F(A,B)4AN(F,B)048	41,000	TDR	10.10	—	10.10	9.00
	FC4BN(F,B)042	40,000	TDR&TXV	10.00	—	—	8.90
	FC4BN(F,B)048	41,000	TDR&TXV	10.10	—	—	9.00
	FC4BNB054	41,500	TDR&TXV	10.50	—	—	8.90
	FG3AAA048	40,000	NONE	10.00	10.10	10.10	9.00
	FK4CNF003	40,000	TDR&TXV	10.50	—	—	9.60
	FK4CNF005	41,000	TDR&TXV	11.00	—	—	9.95
	FK4CNF006	41,500	TDR&TXV	11.00	—	—	10.15
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	10.50	—	10.50	9.45
	CC5A/CD5AC048	40,000	TDR	10.70	—	10.70	9.45
	CC5A/CD5AW042	40,000	TDR	10.50	—	10.50	9.55
	CC5A/CD5AW048	40,000	TDR	10.70	—	10.70	9.45
	CD5AA048	40,000	TDR	10.70	—	10.70	9.45
	CE3AA042	40,000	TDR	10.50	—	10.50	9.55
	CE3AA048	40,000	TDR	10.70	—	10.70	9.45
	CK3BA042	40,000	TDR	10.50	—	10.50	9.45
	CK3BA048	40,000	TDR	10.70	—	10.70	9.45
	CK5A/CK5BA042	40,000	TDR	10.50	—	10.50	9.55
	CK5A/CK5BA048	40,000	TDR	10.70	—	10.70	9.45
	COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	10.50	—	10.50	9.60
	CC5A/CD5AC048	40,000	TDR	10.70	—	10.70	9.60
	CC5A/CD5AW042	40,000	TDR	10.50	—	10.50	9.60
	CC5A/CD5AW048	40,000	TDR	10.70	—	10.70	9.60
	CD5AA048	40,000	TDR	10.70	—	10.70	9.60
	CE3AA042	40,000	TDR	10.50	—	10.50	9.45
	CE3AA048	40,000	TDR	10.70	—	10.70	9.45
	CK3BA042	40,000	TDR	10.50	—	10.50	9.45
	CK3BA048	40,000	TDR	10.70	—	10.70	9.60
	CK5A/CK5BA042	40,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BW048	40,000	TDR	10.70	—	10.70	9.45
	COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	10.50	—	10.50	9.50
	CC5A/CD5AC048	40,000	TDR	10.70	—	10.70	9.55
	CC5A/CD5AW042	40,000	TDR	10.50	—	10.50	9.50
	CC5A/CD5AW048	40,000	TDR	10.70	—	10.70	9.55
	CD5AA048	40,000	TDR	10.70	—	10.70	9.55
	CE3AA042	40,000	TDR	10.50	—	10.50	9.55
	CE3AA048	40,000	TDR	10.70	—	10.70	9.55
	CK3BA042	40,000	TDR	10.50	—	10.50	9.50
	CK3BA048	40,000	TDR	10.70	—	10.70	9.50
	CK5A/CK5BA042	40,000	TDR	10.50	—	10.50	9.50
	CK5A/CK5BW048	40,000	TDR	10.70	—	10.70	9.55
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	10.50	—	10.50	9.30
	CC5A/CD5AC048	40,000	TDR	10.70	—	10.70	9.45
	CK3BA042	40,000	TDR	10.50	—	10.50	9.30
	CK3BA048	40,000	TDR	10.70	—	10.70	9.45
	CK5A/CK5BA042	40,000	TDR	10.50	—	10.50	9.30
	CK5A/CK5BA048	40,000	TDR	10.70	—	10.70	9.45
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CK5A/CK5BA042	40,000	TDR	10.50	—	10.50	9.30
	CK5A/CK5BA048	40,000	TDR	10.70	—	10.70	9.45
	CK3BA042	40,000	TDR	10.50	—	10.50	9.30
	CK3BA048	40,000	TDR	10.70	—	10.70	9.45

See notes on page 14.

COMBINATION RATINGS Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY-SUPPLIED ENHANCE-MENT	STANDARD RATING	BRYANT GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	EERA
042-A, B, C	**COILS + 355MAV060100 VARIABLE-SPEED FURNACE**						
	CC5A/CD5AA042	40,000	TDR	10.50	—	10.50	9.45
	CC5A/CD5AC048	40,000	TDR	10.70	—	10.70	9.45
	CK3BA042	40,000	TDR	10.50	—	10.50	9.45
	CK3BA048	40,000	TDR	10.70	—	10.70	9.45
	CK5A/CK5BA042	40,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BA048	40,000	TDR	10.70	—	10.70	9.45
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CK3BA042	40,000	TDR	10.50	—	10.50	9.45
	CK3BA048	40,000	TDR	10.70	—	10.70	9.45
	CK5A/CK5BA042	40,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BW048	40,000	TDR	10.70	—	10.70	9.45
048-A, B, C	CC5A/CD5AA060	46,000	NONE	10.00	10.50	10.50	9.35
	CC5A/CD5AC048	45,000	NONE	10.00	10.50	10.50	9.25
	CC5A/CD5AW048	46,000	NONE	10.00	10.50	10.50	9.30
	CC5A/CD5AW060	47,500	NONE	10.20	10.50	10.50	9.55
	CD5A048*	46,000	NONE	10.00	10.50	10.50	9.30
	CE3AA048	46,500	NONE	10.20	10.50	10.50	9.30
	CE3AA060	48,000	NONE	10.20	10.50	10.50	9.50
	CF5AA048	46,000	NONE	10.20	10.50	10.50	9.40
	CK3BA048	46,000	NONE	10.00	10.50	10.50	9.30
	CK3BA060	46,000	NONE	10.00	10.50	10.50	9.30
	CK5A/CK5BA048	46,000	NONE	10.00	10.50	10.50	9.30
	CK5A/CK5BA060	46,000	NONE	10.00	10.50	10.50	9.35
	CK5A/CK5BN048	44,500	NONE	10.00	10.50	10.50	9.25
	CK5A/CK5BW048	46,000	NONE	10.00	10.50	10.50	9.30
	CK5A/CK5BX060	47,500	NONE	10.20	10.50	10.50	9.55
	F(A,B)4AN(F,B)048	47,000	TDR	10.50	—	10.50	9.15
	F(A,B)4AN(F,B)060	48,000	TDR	10.50	—	10.50	9.25
	FB4ANB070	49,000	TDR	11.00	—	11.00	9.55
	FC4BN(F,B)048	47,000	TDR&TXV	10.50	—	—	9.15
	FC4BN(F,B)060	47,500	TDR&TXV	10.50	—	—	9.25
	FC4BNB054	48,500	TDR&TXV	11.00	—	—	9.55
	FC4BNB070	48,500	TDR&TXV	11.00	—	—	9.50
	FG3AA048	46,000	NONE	10.00	10.50	10.50	9.20
	FG3AA060	47,000	NONE	10.20	10.50	10.50	9.35
	FK4CNF005	48,000	TDR&TXV	11.50	—	—	9.90
	FK4CNF006	49,000	TDR	11.50	—	11.50	10.20
	COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AC048	45,500	TDR	10.50	—	10.50	9.35
	CC5A/CD5AW048	45,500	TDR	10.50	—	10.50	9.35
	CD5AA048	45,500	TDR	10.50	—	10.50	9.35
	CE3AA048	45,500	TDR	10.50	—	10.50	9.60
	CE3AA060	46,000	TDR	11.00	—	11.00	9.60
	CK3BA048	45,500	TDR	10.50	—	10.50	9.35
	CK3BA060	45,500	TDR	11.00	—	11.00	9.35
	CK5A/CK5BA048	45,500	TDR	10.50	—	10.50	9.35
	COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	11.00	—	11.00	9.20
	CC5A/CD5AW048	45,500	TDR	11.00	—	11.00	9.60
	CC5A/CD5AW060	46,000	TDR	11.50	—	11.50	9.90
	CD5AA048	45,500	TDR	11.00	—	11.00	9.60
	CD5AC048	45,500	TDR	11.00	—	11.00	9.60
	CE3AA048	45,500	TDR	11.00	—	11.00	9.60
	CE3AA060	46,000	TDR	11.50	—	11.50	9.60
	CK3BA048	45,500	TDR	11.00	—	11.00	9.35
	CK3BA060	45,500	TDR	11.00	—	11.00	9.35
	CK5A/CK5BA060	45,500	TDR	11.00	—	11.00	9.90
	CK5A/CK5BW048	45,500	TDR	11.00	—	11.00	9.60
	CK5A/CK5BX060	46,000	TDR	11.00	—	11.00	9.60
	COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	11.00	—	11.00	9.55
	CC5A/CD5AC048	45,500	TDR	11.00	—	11.00	9.55
	CC5A/CD5AW048	45,500	TDR	11.00	—	11.00	9.55
	CC5A/CD5AW060	46,000	TDR	11.00	—	11.00	9.80
	CD5AA048	45,500	TDR	11.00	—	11.00	9.55
	CE3AA048	45,500	TDR	11.00	—	11.00	9.55
	CE3AA060	46,000	TDR	11.50	—	11.50	9.80
	CK3BA048	45,500	TDR	11.00	—	11.00	9.55
	CK3BA060	45,500	TDR	11.00	—	11.00	9.80
	CK5A/CK5BA060	45,500	TDR	11.00	—	11.00	9.80
	CK5A/CK5BW048	45,500	TDR	11.00	—	11.00	9.55
	CK5A/CK5BX060	46,000	TDR	11.00	—	11.00	9.80
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW048	45,500	TDR	10.50	—	10.50	9.05
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AC048	45,500	TDR	10.80	—	10.80	9.30
	CK5A/CK5BA048	45,500	TDR	10.50	—	10.50	9.30

See notes on page 14.

COMBINATION RATINGS Continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY-SUPPLIED ENHANCE-MENT	STANDARD RATING	BRYANT GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	EERA
048-A, B, C	CK3BA048	45,500	TDR	10.50	—	10.50	9.30
	CK3BA060	45,500	TDR	11.00	—	11.00	9.15
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CK3BA048	45,500	TDR	10.50	—	10.50	9.30
	CK3BA060	45,500	TDR	11.00	—	11.00	9.15
	CK5A/CK5BA048	45,500	TDR	10.50	—	10.50	9.30
	CK5A/CK5BA060	45,500	TDR	10.50	—	10.50	9.15
	CK5A/CK5BX060	46,000	TDR	11.00	—	11.00	9.15
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	46,000	TDR	10.50	—	10.50	9.15
	CC5A/CD5AC048	45,500	TDR	10.80	—	10.80	9.30
	CK3BA048	45,500	TDR	10.80	—	10.80	9.30
	CK3BA060	45,500	TDR	11.00	—	11.00	9.15
	CK5A/CK5BA048	45,500	TDR	10.80	—	10.80	9.30
	CK5A/CK5BA060	45,500	TDR	10.50	—	10.50	9.15
	CK5A/CK5BX060	46,000	TDR	11.00	—	11.00	9.15
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CK3BA048	45,500	TDR	10.80	—	10.80	9.30
	CK3BA060	45,500	TDR	11.00	—	11.00	9.15
	CK5A/CK5BA060	45,500	TDR	10.50	—	10.50	9.15
	CK5A/CK5BW048	45,500	TDR	10.80	—	10.80	9.30
	CK5A/CK5BX060	46,000	TDR	11.00	—	11.00	9.15
060-A, B, E	CC5A/CD5AA060	54,500	NONE	10.00	10.50	10.50	9.25
	CC5A/CD5AW060*	57,000	NONE	10.00	10.50	10.50	9.40
	CE3AA060	57,500	NONE	10.00	10.50	10.50	9.50
	CK5A/CK5BA060	54,500	NONE	10.00	10.50	10.50	9.25
	CK5A/CK5BN060	54,500	NONE	10.00	10.50	10.50	9.50
	CK5A/CK5BX060	57,000	NONE	10.00	10.50	10.50	9.50
	CK3BA060	54,500	NONE	10.00	10.50	10.50	9.50
	F(A,B)4AN(F,B)060	57,500	TDR	10.00	—	10.00	9.00
	FB4ANB070	58,000	TDR	10.50	—	10.50	9.35
	FC4BN(F,B)060	57,000	TDR&TXV	10.00	—	—	9.00
	FC4BNB070	58,000	TDR&TXV	10.50	—	—	9.35
	FG3AAA060	56,500	NONE	10.00	10.20	10.20	9.35
	FK4CNB006	58,000	TDR&TXV	11.50	—	—	10.00
	COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	54,500	TDR	10.70	—	10.70	9.40
	CC5A/CD5AW060	54,500	TDR	10.70	—	10.70	9.65
	CK3BA060	54,500	TDR	10.70	—	10.70	9.50
	CK5A/CK5BA060	54,500	TDR	10.70	—	10.70	9.25
	CK5A/CK5BX060	57,000	TDR	10.70	—	10.70	9.40
	COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	54,500	TDR	10.70	—	10.70	9.20
	CC5A/CD5AW060	54,500	TDR	10.70	—	10.70	9.50
	CK3BA060	54,500	TDR	10.70	—	10.70	9.50
	CK5A/CK5BA060	54,500	TDR	10.70	—	10.70	9.25
	CK5A/CK5BX060	54,500	TDR	10.70	—	10.70	9.40

* Tested Combination.

† In most cases, only 1 method should be used to achieve TDR function. Using more than 1 method in a system may cause degradation in performance. Use either the accessory Time-Delay Relay KAATD0101TDR or a furnace equipped with TDR. All Bryant furnaces are equipped with TDR except for the 394HAD.

‡ TXV must be hard shutoff type; based on computer simulation.

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 central 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. Minimum outdoor operating ambient in cooling mode is 55°F (12.8°C), maximum 125°F (51.7°C).

DETAILED COOLING CAPACITIES*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C018-A, D Outdoor Section With CC5A/CD5AA018 Indoor Section																			
525	72	21.0	10.0	1.77	19.9	9.58	1.88	18.7	9.11	1.98	17.4	8.65	2.09	16.2	8.18	2.18	14.9	7.73	2.27
	67	19.1	12.3	1.71	18.0	11.9	1.81	16.8	11.4	1.91	15.7	10.9	2.01	14.5	10.4	2.09	13.4	9.96	2.17
	62	17.2	14.6	1.65	16.2	14.1	1.75	15.1	13.6	1.84	14.1	13.0	1.93	13.0	12.5	2.01	12.0	11.9	2.08
	57	15.9	15.9	1.61	15.1	15.1	1.71	14.3	14.3	1.81	13.5	13.5	1.90	12.7	12.7	1.99	11.9	11.9	2.07
600	72	21.5	10.4	1.82	20.3	9.97	1.92	19.0	9.50	2.03	17.8	9.02	2.13	16.4	8.55	2.23	15.2	8.09	2.32
	67	19.5	13.0	1.75	18.4	12.5	1.86	17.2	12.0	1.96	16.0	11.5	2.05	14.8	11.1	2.14	13.6	10.6	2.22
	62	17.7	15.5	1.70	16.6	15.0	1.79	15.5	14.4	1.89	14.4	13.8	1.98	13.3	13.2	2.06	12.3	12.3	2.14
	57	16.6	16.6	1.67	15.8	15.8	1.77	14.9	14.9	1.87	14.1	14.1	1.96	13.2	13.2	2.05	12.3	12.3	2.14
675	72	21.9	10.8	1.86	20.7	10.4	1.97	19.4	9.86	2.07	18.0	9.39	2.18	16.7	8.90	2.27	15.3	8.44	2.36
	67	19.9	13.7	1.80	18.7	13.2	1.90	17.5	12.7	2.00	16.3	12.2	2.09	15.0	11.7	2.18	13.8	11.2	2.26
	62	18.0	16.4	1.74	16.9	15.8	1.84	15.8	15.2	1.93	14.6	14.5	2.02	13.6	13.6	2.11	12.7	12.7	2.20
	57	17.2	17.2	1.71	16.3	16.3	1.82	15.4	15.4	1.92	14.5	14.5	2.01	13.6	13.6	2.11	12.7	12.7	2.20

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	018	1.00	1.00	FK4CNF	001	1.02	0.93
	024	1.02	1.01		002	1.02	0.93
CC5A/CD5AW	024	1.02	1.01	**COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE**			
CE3AA	024	1.03	1.01	CC5A/CD5AA	018	1.00	0.91
CF5AA	024	1.03	1.01		024	1.02	0.92
CK3BA	024	1.02	1.02	CK3BA	024	1.02	0.92
CK5A/CK5BA	018	1.00	1.01	CK5A/CK5BA	018	1.00	0.92
	024	1.02	1.02		024	1.02	0.92
CK5A/CK5BW	024	1.02	1.02	**COILS + 355MAV042060 VARIABLE-SPEED FURNACE**			
F(A,B)4AN(F,C)	018	0.98	0.99	CC5A/CD5AW	024	1.02	0.95
	024	1.02	1.01	CK3BA	024	1.02	0.96
FC4BNF	024	1.02	1.01	CK5A/CK5BW	024	1.02	0.96
FF1(B,C,D)NA	018	1.00	0.97	**COILS + 355MAV042080 VARIABLE-SPEED FURNACE**			
	024	1.02	1.02	CC5A/CD5AW	024	1.02	0.95
FG3AAA	024	1.02	1.01	CK5A/CK5BW	024	1.02	0.95

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		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**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
561C024-A, D Outdoor Section With CC5A/CD5AA024 Indoor Section																			
700	72	27.2	13.2	2.34	25.8	12.6	2.46	24.3	12.0	2.57	22.7	11.5	2.68	21.1	10.9	2.78	19.5	10.3	2.88
	67	24.8	16.4	2.25	23.4	15.8	2.36	22.0	15.2	2.47	20.5	14.6	2.57	19.1	14.0	2.67	17.6	13.4	2.76
	62	22.4	19.5	2.17	21.1	18.9	2.27	19.8	18.2	2.37	18.5	17.6	2.47	17.2	16.8	2.56	15.9	15.9	2.65
	57	21.0	21.0	2.12	20.0	20.0	2.23	19.0	19.0	2.34	18.0	18.0	2.45	17.0	17.0	2.55	15.9	15.9	2.65
800	72	27.8	13.8	2.40	26.3	13.2	2.52	24.7	12.6	2.63	23.1	12.0	2.75	21.5	11.4	2.85	19.8	10.9	2.95
	67	25.3	17.4	2.31	23.9	16.8	2.42	22.4	16.2	2.53	20.9	15.6	2.64	19.4	15.0	2.73	17.8	14.4	2.82
	62	23.0	20.9	2.23	21.6	20.2	2.33	20.2	19.4	2.44	18.9	18.6	2.53	17.6	17.6	2.63	16.5	16.5	2.73
	57	21.9	21.9	2.19	20.9	20.9	2.30	19.8	19.8	2.42	18.7	18.7	2.52	17.6	17.6	2.63	16.5	16.5	2.73
900	72	28.3	14.3	2.46	26.7	13.7	2.58	25.1	13.1	2.69	23.4	12.5	2.80	21.7	11.9	2.91	20.0	11.4	3.00
	67	25.8	18.3	2.37	24.3	17.7	2.48	22.7	17.1	2.59	21.2	16.5	2.69	19.6	15.8	2.79	18.0	15.2	2.87
	62	23.4	22.0	2.28	22.0	21.3	2.39	20.6	20.4	2.50	19.3	19.3	2.60	18.1	18.1	2.70	16.9	16.9	2.80
	57	22.7	22.7	2.26	21.6	21.6	2.37	20.5	20.5	2.49	19.3	19.3	2.60	18.1	18.1	2.70	16.9	16.9	2.81

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	1.00	1.00	**COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE**			
	030	1.01	1.00	CC5A/CD5AA	024	1.00	0.92
CC5A/CD5AW	024	1.00	1.00		030	1.01	0.92
	030	1.01	1.00	CC5A/CD5AW	030	1.01	0.92
CE3AA	024	1.01	1.00	CK3BA	024	1.00	0.93
	030	1.03	1.01		030	1.01	0.93
CF5AA	024	1.01	1.00	CK5A/CK5BA	024	1.00	0.93
CK5A/CK5BA	024	1.00	1.00		030	1.01	0.93
	030	1.01	1.01	CK5A/CK5BW	030	1.01	0.93
CK5A/CK5BW	024	1.00	1.00	**COILS + 355MAV042040 VARIABLE-SPEED FURNACE**			
	030	1.01	1.01	CC5A/CD5AW	030	1.01	0.95
CK3BA	024	1.00	1.00	CK5A/CK5BW	030	1.01	0.95
	030	1.01	1.01	**COILS + 355MAV042060 VARIABLE-SPEED FURNACE**			
F(A,B)4AN(F,C)	024	1.01	1.00	CC5A/CD5AW	024	1.00	0.95
	030	1.03	1.00		030	1.01	0.95
FC4BNF	024	1.01	1.00	CK3BA	024	1.00	0.96
	030	1.03	1.00		030	1.01	0.95
FF1(B,C,D)NA	024	1.01	1.01	CK5A/CK5BW	024	1.00	0.96
	030	1.04	1.02		030	1.01	0.95
FG3AAA	024	0.98	0.99	**COILS + 355MAV042080 VARIABLE-SPEED FURNACE**			
FK4CNF	001	1.04	0.93	CC5A/CD5AW	024	1.00	0.94
	002	1.04	0.94		030	1.01	0.94
	003	1.05	0.92	CK5A/CK5BW	024	1.00	0.94
	—	—	—		030	1.01	0.94

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C030-A, D Outdoor Section With CC5A/CD5AA030 Indoor Section																			
875	72	34.0	16.4	2.85	32.2	15.7	3.01	30.3	15.0	3.17	28.4	14.3	3.33	26.5	13.6	3.49	24.6	12.9	3.64
	67	30.9	20.4	2.74	29.2	19.7	2.89	27.5	19.0	3.04	25.7	18.2	3.20	23.9	17.5	3.34	22.2	16.8	3.49
	62	28.0	24.3	2.63	26.4	23.5	2.78	24.8	22.7	2.92	23.2	21.9	3.07	21.6	21.0	3.21	20.0	20.0	3.35
	57	26.2	26.2	2.57	25.0	25.0	2.73	23.8	23.8	2.88	22.5	22.5	3.04	21.3	21.3	3.19	20.0	20.0	3.35
1000	72	34.8	17.1	2.93	32.8	16.4	3.09	30.9	15.7	3.25	28.9	15.0	3.41	26.9	14.3	3.57	24.9	13.6	3.72
	67	31.6	21.6	2.82	29.8	20.9	2.97	28.0	20.1	3.12	26.2	19.4	3.27	24.3	18.7	3.42	22.5	17.9	3.57
	62	28.6	25.9	2.71	27.0	25.1	2.86	25.3	24.2	3.00	23.7	23.2	3.15	22.1	22.1	3.30	20.7	20.7	3.45
	57	27.3	27.3	2.66	26.0	26.0	2.82	24.7	24.7	2.98	23.4	23.4	3.13	22.1	22.1	3.29	20.7	20.7	3.45
1125	72	35.3	17.8	3.01	33.3	17.1	3.17	31.3	16.3	3.32	29.3	15.6	3.48	27.3	14.9	3.64	25.2	14.2	3.80
	67	32.2	22.7	2.89	30.3	22.0	3.04	28.4	21.2	3.19	26.5	20.5	3.35	24.6	19.7	3.50	22.7	19.0	3.64
	62	29.1	27.4	2.78	27.5	26.4	2.93	25.8	25.4	3.08	24.2	24.2	3.23	22.7	22.7	3.39	21.3	21.3	3.54
	57	28.3	28.3	2.75	26.9	26.9	2.91	25.5	25.5	3.06	24.1	24.1	3.23	22.7	22.7	3.39	21.3	21.3	3.55

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.04	1.01	**COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE**			
CC5A/CD5AW	030	1.00	1.00	CC5A/CD5AW	030	1.00	0.93
CD5A/CD5AA	030	1.00	1.00	CD5AW	036	1.04	0.93
CD5AW	036	1.04	1.01	CK5A/CK5BW	030	1.00	0.93
CE3AA	030	0.99	1.00		036	1.04	0.93
	036	1.02	1.01	**COILS + 355MAV042040 VARIABLE-SPEED FURNACE**			
CF5AA	036	1.03	1.01	CC5A/CD5AW	030	1.00	0.97
CK3BA	030	1.00	1.00	CD5AW	036	1.04	0.97
	036	1.04	1.01	CK5A/CK5BW	030	1.00	0.97
CK5A/CK5BA	030	1.00	1.00		036	1.04	0.97
	036	1.04	1.01	**COILS + 355MAV042060 VARIABLE-SPEED FURNACE**			
CK5A/CK5BN	036	0.96	1.01	CC5A/CD5AA	036	1.04	0.97
CK5A/CK5BT	036	1.04	1.01	CC5A/CD5AW	030	1.00	0.97
CK5A/CK5BW	030	1.00	1.00	CK3BA	030	1.00	0.97
	036	1.04	1.01		036	1.04	0.97
F(A,B)4AN(F,C)	030	0.99	1.00	CK5A/CK5BA	036	1.04	0.97
	036	1.01	1.02	CK5A/CK5BT	036	1.04	0.97
FC4BNF	030	0.99	1.00	CK5A/CK5BW	030	1.00	0.97
	036	1.01	1.02	**COILS + 355MAV042080 VARIABLE-SPEED FURNACE**			
FF1(B,C,D)NA	030	1.00	1.02	CC5A/CD5AA	030	1.00	0.96
FG3AAA	036	1.00	1.00	CD5AW	036	1.04	0.97
FK4CNF	001	1.04	0.94	CK5A/CK5BW	030	1.00	0.96
	002	1.04	0.94		036	1.04	0.97
	003	1.05	0.93	**COILS + 355MAV060080 VARIABLE-SPEED FURNACE**			
	005	1.06	0.94	CC5A/CD5AW	030	1.00	0.97
COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE				CD5AW	036	1.04	0.97
CC5A/CD5AA	030	1.00	0.94	CK5A/CK5BW	030	1.00	0.97
	036	1.04	0.94		036	1.04	0.97
CC5A/CD5AW	030	1.00	0.94	**COILS + 355MAV060100 VARIABLE-SPEED FURNACE**			
CK3BA	030	1.00	0.94	CC5A/CD5AW	030	1.00	0.95
	036	1.04	0.94	CD5AW	036	1.04	0.95
CK5A/CK5BA	030	1.00	0.94	CK5A/CK5BW	030	1.00	0.95
	036	1.04	0.94		036	1.04	0.95
CK5A/CK5BN	036	0.96	0.95	**COILS + 355MAV060120 VARIABLE-SPEED FURNACE**			
CK5A/CK5BT	036	1.04	0.94	CD5AW	036	1.04	0.96
CK5A/CK5BW	030	1.00	0.94	CK5A/CK5BW	036	1.04	0.96

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C036-A, B, D, E Outdoor Section With CC5A/CD5AA036 Indoor Section																			
1050	72	41.3	20.5	3.41	39.1	19.6	3.61	36.8	18.8	3.81	34.5	18.0	4.00	32.2	17.1	4.19	29.9	16.3	4.38
	67	37.6	25.8	3.28	35.5	25.0	3.47	33.4	24.1	3.65	31.3	23.3	3.84	29.1	22.4	4.02	27.0	21.6	4.20
	62	34.1	31.0	3.16	32.2	30.0	3.33	30.3	29.0	3.51	28.4	28.0	3.69	26.6	26.6	3.87	25.0	25.0	4.06
	57	32.8	32.8	3.10	31.2	31.2	3.30	29.7	29.7	3.49	28.2	28.2	3.68	26.6	26.6	3.87	25.0	25.0	4.06
1200	72	42.1	21.4	3.51	39.8	20.6	3.70	37.4	19.7	3.90	35.1	18.9	4.09	32.6	18.0	4.29	30.2	17.2	4.47
	67	38.4	27.5	3.37	36.2	26.6	3.56	34.0	25.7	3.74	31.8	24.8	3.93	29.6	23.9	4.11	27.3	23.1	4.29
	62	34.9	33.1	3.24	33.0	32.0	3.42	31.0	30.8	3.61	29.2	29.2	3.80	27.5	27.5	3.99	25.8	25.8	4.19
	57	34.1	34.1	3.22	32.5	32.5	3.41	30.9	30.9	3.60	29.2	29.2	3.80	27.5	27.5	3.99	25.8	25.8	4.19
1350	72	42.7	22.3	3.59	40.3	21.4	3.79	37.9	20.6	3.98	35.4	19.7	4.18	33.0	18.9	4.37	30.5	18.1	4.56
	67	38.9	29.0	3.45	36.7	28.1	3.64	34.4	27.2	3.83	32.1	26.3	4.01	29.8	25.4	4.19	27.6	24.5	4.37
	62	35.6	34.9	3.33	33.6	33.5	3.52	31.8	31.8	3.71	30.1	30.1	3.91	28.3	28.3	4.10	26.5	26.5	4.30
	57	35.2	35.2	3.32	33.5	33.5	3.51	31.8	31.8	3.71	30.1	30.1	3.91	28.3	28.3	4.11	26.5	26.5	4.30

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.00	**COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE**			
	042	1.00	1.00	CC5A/CD5AA	042	0.99	0.92
CC5A/CD5AW	042	1.00	1.00	CD5AW	036	0.99	0.92
CD5AW	036	1.00	1.00	CK5A/CK5BA	042	0.99	0.92
CE3AA	036	0.99	1.00	CK5A/CK5BT	042	0.99	0.92
	042	0.99	1.00	CK5A/CK5BW	036	0.99	0.92
CF5AA	036	0.99	1.00	**COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE**			
CK3BA	036	1.00	1.00	CC5A/CD5AA	042	0.99	0.92
	042	1.00	1.00	CD5AW	036	0.99	0.93
CK5A/CK5BA	036	1.00	1.00	CK5A/CK5BA	042	0.99	0.92
	042	1.00	1.00	CK5A/CK5BT	042	0.99	0.92
CK5A/CK5BN	036	0.93	0.97	CK5A/CK5BW	036	0.99	0.93
	042	1.00	1.00	**COILS + 355MAV042040 VARIABLE-SPEED FURNACE**			
CK5A/CK5BT	036	1.00	1.00	CC5A/CD5AA	042	0.99	0.93
	042	1.00	1.00	CD5AW	036	0.99	0.94
CK5A/CK5BW	036	1.00	1.00	CK5A/CK5BA	042	0.99	0.93
F(A,B)4AN(F,B,C)	042	1.00	1.01	CK5A/CK5BT	042	0.99	0.93
F(A,B)4AN(F,C)	036	0.98	1.01	**COILS + 355MAV042060 VARIABLE-SPEED FURNACE**			
FC4BN(F,B)	042	1.00	1.01	CC5A/CD5AA	036	0.99	0.94
FC4BNB	054	1.03	1.01	CK3BA	036	0.99	0.94
FC4BNF	036	0.98	1.01		042	0.99	0.93
FG3AAA	036	0.96	0.99	CK5A/CK5BA	036	0.99	0.94
FK4CNB	006	1.04	0.93	CK5A/CK5BT	036	0.99	0.94
FK4CNF	001	0.98	0.94	CK5A/CK5BW	036	0.99	0.94
	002	0.98	0.95	**COILS + 355MAV042080 VARIABLE-SPEED FURNACE**			
	003	0.99	0.92	CC5A/CD5AA	042	0.99	0.93
	005	1.04	0.93	CC5A/CD5AW	042	0.99	0.92
COILS + 333(B,J)AV036060 VARIABLE-SPEED FURNACE				CD5AW	036	0.99	0.93
CC5A/CD5AA	036	0.99	0.95	CK3BA	042	0.99	0.93
CK3BA	036	0.99	0.95	CK5A/CK5BA	042	0.99	0.93
CK5A/CK5BA	036	0.99	0.95	CK5A/CK5BT	042	0.99	0.93
CK5A/CK5BN	036	0.93	0.96	CK5A/CK5BW	036	0.99	0.93
CK5A/CK5BT	036	0.99	0.95	**COILS + 355MAV060080 VARIABLE-SPEED FURNACE**			
COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE				CC5A/CD5AA	042	0.99	0.93
CC5A/CD5AA	042	0.99	0.93	CC5A/CD5AW	042	0.99	0.93
CC5A/CD5AW	042	0.99	0.93	CD5AW	036	0.99	0.94
CD5AW	036	0.99	0.94	CK3BA	042	0.99	0.93
CK3BA	042	0.99	0.93	CK5A/CK5BA	042	0.99	0.93
CK5A/CK5BA	042	0.99	0.93	CK5A/CK5BT	042	0.99	0.93
CK5A/CK5BT	042	0.99	0.93	CK5A/CK5BW	036	0.99	0.94
CK5A/CK5BW	036	0.99	0.94		—	—	—

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C036-A, B, D, E Outdoor Section With CC5A/CD5AA036 Indoor Section Continued																			
1050	72	41.3	20.5	3.41	39.1	19.6	3.61	36.8	18.8	3.81	34.5	18.0	4.00	32.2	17.1	4.19	29.9	16.3	4.38
	67	37.6	25.8	3.28	35.5	25.0	3.47	33.4	24.1	3.65	31.3	23.3	3.84	29.1	22.4	4.02	27.0	21.6	4.20
	62	34.1	31.0	3.16	32.2	30.0	3.33	30.3	29.0	3.51	28.4	28.0	3.69	26.6	26.6	3.87	25.0	25.0	4.06
	57	32.8	32.8	3.10	31.2	31.2	3.30	29.7	29.7	3.49	28.2	28.2	3.68	26.6	26.6	3.87	25.0	25.0	4.06
1200	72	42.1	21.4	3.51	39.8	20.6	3.70	37.4	19.7	3.90	35.1	18.9	4.09	32.6	18.0	4.29	30.2	17.2	4.47
	67	38.4	27.5	3.37	36.2	26.6	3.56	34.0	25.7	3.74	31.8	24.8	3.93	29.6	23.9	4.11	27.3	23.1	4.29
	62	34.9	33.1	3.24	33.0	32.0	3.42	31.0	30.8	3.61	29.2	29.2	3.80	27.5	27.5	3.99	25.8	25.8	4.19
	57	34.1	34.1	3.22	32.5	32.5	3.41	30.9	30.9	3.60	29.2	29.2	3.80	27.5	27.5	3.99	25.8	25.8	4.19
1350	72	42.7	22.3	3.59	40.3	21.4	3.79	37.9	20.6	3.98	35.4	19.7	4.18	33.0	18.9	4.37	30.5	18.1	4.56
	67	38.9	29.0	3.45	36.7	28.1	3.64	34.4	27.2	3.83	32.1	26.3	4.01	29.8	25.4	4.19	27.6	24.5	4.37
	62	35.6	34.9	3.33	33.6	33.5	3.52	31.8	31.8	3.71	30.1	30.1	3.91	28.3	28.3	4.10	26.5	26.5	4.30
	57	35.2	35.2	3.32	33.5	33.5	3.51	31.8	31.8	3.71	30.1	30.1	3.91	28.3	28.3	4.11	26.5	26.5	4.30

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 355MAV060100 VARIABLE-SPEED FURNACE				**COILS + 355MAV060120 VARIABLE-SPEED FURNACE**			
CC5A/CD5AA	042	0.99	0.92	CC5A/CD5AA	042	0.99	0.92
CC5A/CD5AW	042	0.99	0.92	CD5AW	036	0.99	0.92
CD5AW	036	0.99	0.92	CK5A/CK5BA	042	0.99	0.92
CK5A/CK5BA	042	0.99	0.92	CK5A/CK5BT	042	0.99	0.92
CK5A/CK5BT	042	0.99	0.92	CK5A/CK5BW	036	0.99	0.92
CK5A/CK5BW	036	0.99	0.92		—	—	—

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C042-A, B, C Outdoor Section With CC5A/CD5AA042 Indoor Section																			
1225	72	48.6	23.6	4.08	45.9	22.6	4.35	43.2	21.6	4.60	40.5	20.6	4.85	37.7	19.6	5.08	34.8	18.5	5.31
	67	44.2	29.5	3.92	41.8	28.4	4.17	39.3	27.4	4.41	36.7	26.3	4.64	34.1	25.3	4.86	31.2	24.2	5.06
	62	40.2	35.2	3.77	37.9	34.0	4.01	35.5	32.9	4.23	33.2	31.7	4.45	30.8	30.3	4.65	28.2	28.2	4.86
	57	37.8	37.8	3.69	36.1	36.1	3.93	34.3	34.3	4.17	32.5	32.5	4.40	30.5	30.5	4.63	28.2	28.2	4.86
1400	72	49.6	24.7	4.19	46.8	23.6	4.45	44.0	22.6	4.71	41.1	21.6	4.96	38.2	20.5	5.20	35.3	19.5	5.42
	67	45.2	31.2	4.03	42.6	30.2	4.28	40.0	29.1	4.52	37.4	28.0	4.75	34.7	27.0	4.97	31.8	25.8	5.17
	62	41.1	37.5	3.88	38.7	36.3	4.11	36.3	35.0	4.35	34.0	33.6	4.57	31.7	31.7	4.78	29.3	29.3	5.01
	57	39.4	39.4	3.82	37.6	37.6	4.07	35.7	35.7	4.31	33.7	33.7	4.55	31.7	31.7	4.78	29.3	29.3	5.01
1575	72	50.4	25.6	4.29	47.5	24.6	4.55	44.6	23.5	4.81	41.6	22.5	5.06	38.6	21.5	5.30	35.6	20.4	5.52
	67	46.0	32.9	4.13	43.3	31.8	4.38	40.6	30.8	4.62	37.8	29.7	4.85	35.0	28.6	5.07	32.1	27.4	5.27
	62	41.8	39.7	3.98	39.4	38.3	4.22	37.0	36.7	4.45	34.8	34.8	4.68	32.6	32.6	4.92	30.3	30.3	5.15
	57	40.8	40.8	3.94	38.8	38.8	4.19	36.8	36.8	4.44	34.8	34.8	4.69	32.6	32.6	4.92	30.3	30.3	5.15

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	1.00	1.00	CD5AA	048	1.00	0.93
CC5A/CD5AC	048	0.99	1.00	CE3AA	042	1.00	0.94
CC5A/CD5AW	042	1.00	1.00		048	1.00	0.94
	048	1.00	1.00	CK3BA	042	1.00	0.93
CD5A/CD5BA	048	1.00	1.00		048	1.00	0.93
CE3AA	042	0.99	1.00	CK5A/CK5BA	042	1.00	0.93
	048	1.01	1.01	CK5A/CK5BW	048	1.00	0.93
CK3BA	042	1.00	1.00	**COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE**			
	048	1.00	1.00	CC5A/CD5AA	042	1.00	0.94
CK5A/CK5BA	042	1.00	1.00	CC5A/CD5AC	048	1.00	0.93
	048	1.00	1.00	CC5A/CD5AW	042	1.00	0.94
CK5A/CK5BN	042	0.98	1.00		048	1.00	0.94
	048	0.98	1.00	CD5AA	048	1.00	0.94
CK5A/CK5BW	048	1.00	1.00	CE3AA	042	1.00	0.95
F(A,B)4AN(F,B)	042	1.00	1.01		048	1.00	0.95
	048	1.02	1.02	CK3BA	042	1.00	0.93
FC4BN(F,B)	042	1.00	1.02		048	1.00	0.93
	048	1.02	1.02	CK5A/CK5BA	042	1.00	0.93
FC4BNB	054	1.04	1.02	CK5A/CK5BW	048	1.00	0.93
FG3AAA	048	1.00	1.00	**COILS + 355MAV042040 VARIABLE-SPEED FURNACE**			
FK4CNF	003	1.00	0.94	CC5A/CD5AA	042	1.00	0.95
	005	1.02	0.96	CC5A/CD5AC	048	1.00	0.93
	006	1.04	0.95	CC5A/CD5AW	042	1.00	0.95
COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE					048	1.00	0.93
CC5A/CD5AA	042	1.00	0.95	**COILS + 355MAV042060 VARIABLE-SPEED FURNACE**			
CC5A/CD5AC	048	1.00	0.93	CC5A/CD5AA	042	1.00	0.95
CC5A/CD5AW	042	1.00	0.94	CC5A/CD5AC	048	1.00	0.93
	048	1.00	0.94	CC5A/CD5AW	042	1.00	0.95
CD5A/CD5BA	048	1.00	0.94		048	1.00	0.93
CE3AA	042	1.00	0.95	CK3BA	042	1.00	0.95
	048	1.00	0.95	CK5A/CK5BN	042	0.98	0.95
CK3BA	042	1.00	0.95	**COILS + 355MAV042080 VARIABLE-SPEED FURNACE**			
	048	1.00	0.95	CC5A/CD5AA	042	1.00	0.95
CK5A/CK5BA	042	1.00	0.95	CC5A/CD5AC	048	1.00	0.93
	048	1.00	0.95	CC5A/CD5AW	042	1.00	0.95
COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE					048	1.00	0.93
CC5A/CD5AA	042	1.00	0.93	CK3BA	042	1.00	0.95
CC5A/CD5AC	048	1.00	0.92		048	1.00	0.95
CC5A/CD5AW	042	1.00	0.93	CK5A/CK5BA	042	1.00	0.95
	048	1.00	0.93		048	1.00	0.95

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		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**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
561C042-A, B, C Outdoor Section With CC5A/CD5AA042 Indoor Section Continued																			
1225	72	48.6	23.6	4.08	45.9	22.6	4.35	43.2	21.6	4.60	40.5	20.6	4.85	37.7	19.6	5.08	34.8	18.5	5.31
	67	44.2	29.5	3.92	41.8	28.4	4.17	39.3	27.4	4.41	36.7	26.3	4.64	34.1	25.3	4.86	31.2	24.2	5.06
	62	40.2	35.2	3.77	37.9	34.0	4.01	35.5	32.9	4.23	33.2	31.7	4.45	30.8	30.3	4.65	28.2	28.2	4.86
	57	37.8	37.8	3.69	36.1	36.1	3.93	34.3	34.3	4.17	32.5	32.5	4.40	30.5	30.5	4.63	28.2	28.2	4.86
1400	72	49.6	24.7	4.19	46.8	23.6	4.45	44.0	22.6	4.71	41.1	21.6	4.96	38.2	20.5	5.20	35.3	19.5	5.42
	67	45.2	31.2	4.03	42.6	30.2	4.28	40.0	29.1	4.52	37.4	28.0	4.75	34.7	27.0	4.97	31.8	25.8	5.17
	62	41.1	37.5	3.88	38.7	36.3	4.11	36.3	35.0	4.35	34.0	33.6	4.57	31.7	31.7	4.78	29.3	29.3	5.01
	57	39.4	39.4	3.82	37.6	37.6	4.07	35.7	35.7	4.31	33.7	33.7	4.55	31.7	31.7	4.78	29.3	29.3	5.01
1575	72	50.4	25.6	4.29	47.5	24.6	4.55	44.6	23.5	4.81	41.6	22.5	5.06	38.6	21.5	5.30	35.6	20.4	5.52
	67	46.0	32.9	4.13	43.3	31.8	4.38	40.6	30.8	4.62	37.8	29.7	4.85	35.0	28.6	5.07	32.1	27.4	5.27
	62	41.8	39.7	3.98	39.4	38.3	4.22	37.0	36.7	4.45	34.8	34.8	4.68	32.6	32.6	4.92	30.3	30.3	5.15
	57	40.8	40.8	3.94	38.8	38.8	4.19	36.8	36.8	4.44	34.8	34.8	4.69	32.6	32.6	4.92	30.3	30.3	5.15

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 355MAV060080 VARIABLE-SPEED FURNACE				CK3BA	042	1.00	0.94
CK5A/CK5BA	042	1.00	0.95		048	1.00	0.94
	048	1.00	0.95	CK5A/CK5BA	042	1.00	0.94
CK3BA	042	1.00	0.95		048	1.00	0.94
	048	1.00	0.95	**COILS + 355MAV060120 VARIABLE-SPEED FURNACE**			
COILS + 355MAV060100 VARIABLE-SPEED FURNACE				CK3BA	042	1.00	0.94
CC5A/CD5AA	042	1.00	0.94		048	1.00	0.94
CC5A/CD5AC	048	1.00	0.93	CK5A/CK5BA	042	1.00	0.94
CC5A/CD5AW	042	1.00	0.94	CK5A/CK5BW	048	1.00	0.94
	048	1.00	0.93		—	—	—

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C048-A, B, C Outdoor Section With CD5AA048 Indoor Section																			
1400	72	54.3	26.2	4.17	51.9	25.3	4.65	49.5	24.4	5.18	47.0	23.5	5.75	44.4	22.6	6.35	41.8	21.6	6.99
	67	49.6	32.8	4.07	47.4	31.8	4.55	45.2	30.9	5.06	42.9	30.0	5.61	40.5	29.0	6.21	38.1	28.0	6.83
	62	45.2	39.2	3.99	43.2	38.2	4.45	41.1	37.2	4.95	39.0	36.1	5.49	36.8	35.0	6.07	34.4	33.6	6.66
	57	42.4	42.4	3.94	40.9	40.9	4.41	39.3	39.3	4.91	37.7	37.7	5.45	36.0	36.0	6.03	33.9	33.9	6.64
1600	72	55.4	27.4	4.28	52.9	26.5	4.76	50.4	25.5	5.29	47.8	24.6	5.85	45.1	23.6	6.46	42.4	22.6	7.11
	67	50.6	34.6	4.17	48.4	33.7	4.65	46.0	32.7	5.17	43.6	31.8	5.72	41.2	30.8	6.31	38.6	29.8	6.94
	62	46.2	41.7	4.08	44.0	40.7	4.55	41.9	39.6	5.05	39.8	38.4	5.60	37.5	37.0	6.18	35.2	35.2	6.79
	57	44.1	44.1	4.04	42.5	42.5	4.52	40.8	40.8	5.03	39.1	39.1	5.57	37.2	37.2	6.17	35.2	35.2	6.79
1800	72	56.2	28.4	4.37	53.7	27.5	4.85	51.1	26.5	5.38	48.4	25.6	5.96	45.6	24.6	6.56	42.8	23.6	7.21
	67	51.5	36.4	4.27	49.1	35.5	4.74	46.7	34.5	5.26	44.2	33.5	5.82	41.6	32.5	6.41	39.0	31.5	7.04
	62	46.9	44.0	4.17	44.8	42.8	4.64	42.6	41.6	5.15	40.4	40.2	5.70	38.3	38.3	6.29	36.2	36.2	6.92
	57	45.5	45.5	4.15	43.8	43.8	4.62	42.0	42.0	5.14	40.2	40.2	5.69	38.3	38.3	6.29	36.2	36.2	6.92

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
CD5AA	048	1.00	1.00	CD5AA	048	0.99	1.00
CC5A/CD5AA	060	1.00	1.00	CD5AC	048	0.99	1.00
CC5A/CD5AC	048	0.98	0.99	CE3AA	048	0.99	1.01
CC5A/CD5AW	048	1.00	1.00		060	1.00	1.01
	060	1.03	1.01	CK3BA	048	0.99	0.94
CE3AA	048	1.01	1.00		060	0.99	0.95
	060	1.04	1.01	CK5A/CK5BA	060	0.99	0.94
CF5AA	048	1.00	0.99	CK5A/CK5BW	048	0.99	0.94
CK3BA	048	1.00	1.00	CK5A/CK5BX	060	1.00	0.95
	060	1.00	1.01	**COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE**			
CK5A/CK5BA	048	1.00	1.00	CC5A/CD5AA	060	0.99	1.02
	060	1.00	1.01	CC5A/CD5AC	048	0.99	1.01
CK5A/CK5BN	048	0.97	0.98	CC5A/CD5AW	048	0.99	1.01
CK5A/CK5BW	048	1.00	1.00		060	1.00	1.02
CK5A/CK5BX	060	1.03	1.01	CD5AA	048	0.99	1.01
F(A,B)4AN(F,B)	048	1.02	1.02	CE3AA	048	0.99	1.02
	060	1.04	1.04		060	1.00	1.02
FB4ANB	070	1.07	1.03	CK3BA	048	0.99	0.95
FB4CNF	006	1.07	1.01		060	0.99	0.95
FC4BN(F,B)	048	1.02	1.02	CK5A/CK5BA	060	0.99	0.95
	060	1.03	1.03	CK5A/CK5BW	048	0.99	0.95
FC4BNB	054	1.05	1.02	CK5A/CK5BX	060	1.00	0.95
	070	1.05	1.02	**COILS + 355MAV042040 VARIABLE-SPEED FURNACE**			
FG3AA	048	1.00	1.00	CC5A/CD5AA	060	0.99	0.99
	060	1.02	1.01	CC5A/CD5AC	048	0.99	0.98
FK4CNF	005	1.04	1.03	CC5A/CD5AW	048	0.99	0.98
COILS + 333(B,J)AV048080 VARIABLE-SPEED FURNACE					060	1.00	0.99
CC5A/CD5AA	060	0.99	1.02	**COILS + 355MAV042060 VARIABLE-SPEED FURNACE**			
CC5A/CD5AC	048	0.99	1.02	CC5A/CD5AA	060	0.99	0.99
CC5A/CD5AW	048	0.99	1.02	CC5A/CD5AC	048	0.99	0.98
	060	1.00	1.03	CC5A/CD5AW	048	0.99	0.98
CD5A/CD5BA	048	0.99	1.02		060	1.00	0.99
CE3AA	048	0.99	1.03	**COILS + 355MAV042080 VARIABLE-SPEED FURNACE**			
	060	1.00	1.03	CC5A/CD5AA	060	1.00	0.97
CK3BA	048	0.99	0.97	CC5A/CD5AC	048	0.99	0.96
	060	0.99	0.97	CC5A/CD5AW	048	0.99	0.96
CK5A/CK5BA	048	0.99	0.97		060	1.01	0.97
COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE				CK3BA	048	0.99	0.97
CC5A/CD5AA	060	0.99	1.01		060	0.99	0.98
CC5A/CD5AW	048	0.99	1.00	CK5A/CK5BA	048	0.99	0.97
	060	1.00	1.01		—	—	—

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C048-A, B, C Outdoor Section With CD5AA048 Indoor Section Continued																			
1400	72	54.3	26.2	4.17	51.9	25.3	4.65	49.5	24.4	5.18	47.0	23.5	5.75	44.4	22.6	6.35	41.8	21.6	6.99
	67	49.6	32.8	4.07	47.4	31.8	4.55	45.2	30.9	5.06	42.9	30.0	5.61	40.5	29.0	6.21	38.1	28.0	6.83
	62	45.2	39.2	3.99	43.2	38.2	4.45	41.1	37.2	4.95	39.0	36.1	5.49	36.8	35.0	6.07	34.4	33.6	6.66
	57	42.4	42.4	3.94	40.9	40.9	4.41	39.3	39.3	4.91	37.7	37.7	5.45	36.0	36.0	6.03	33.9	33.9	6.64
1600	72	55.4	27.4	4.28	52.9	26.5	4.76	50.4	25.5	5.29	47.8	24.6	5.85	45.1	23.6	6.46	42.4	22.6	7.11
	67	50.6	34.6	4.17	48.4	33.7	4.65	46.0	32.7	5.17	43.6	31.8	5.72	41.2	30.8	6.31	38.6	29.8	6.94
	62	46.2	41.7	4.08	44.0	40.7	4.55	41.9	39.6	5.05	39.8	38.4	5.60	37.5	37.0	6.18	35.2	35.2	6.79
	57	44.1	44.1	4.04	42.5	42.5	4.52	40.8	40.8	5.03	39.1	39.1	5.57	37.2	37.2	6.17	35.2	35.2	6.79
1800	72	56.2	28.4	4.37	53.7	27.5	4.85	51.1	26.5	5.38	48.4	25.6	5.96	45.6	24.6	6.56	42.8	23.6	7.21
	67	51.5	36.4	4.27	49.1	35.5	4.74	46.7	34.5	5.26	44.2	33.5	5.82	41.6	32.5	6.41	39.0	31.5	7.04
	62	46.9	44.0	4.17	44.8	42.8	4.64	42.6	41.6	5.15	40.4	40.2	5.70	38.3	38.3	6.29	36.2	36.2	6.92
	57	45.5	45.5	4.15	43.8	43.8	4.62	42.0	42.0	5.14	40.2	40.2	5.69	38.3	38.3	6.29	36.2	36.2	6.92

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 355MAV060080 VARIABLE-SPEED FURNACE				CK3BA	048	0.99	0.96
CK3BA	048	0.99	0.98		060	0.99	0.97
	060	0.99	0.99	CK5A/CK5BA	048	0.99	0.96
CK5A/CK5BA	048	0.99	0.98		060	0.99	0.96
	060	0.99	0.98	CK5A/CK5BX	060	1.00	0.97
CK5A/CK5BX	060	1.00	0.99	**COILS + 355MAV060120 VARIABLE-SPEED FURNACE**			
COILS + 355MAV060100 VARIABLE-SPEED FURNACE				CK3BA	048	0.99	0.96
CC5A/CD5AA	060	1.00	0.97		060	0.99	0.97
CC5A/CD5AC	048	0.99	0.96	CK5A/CK5BA	060	0.99	0.96
CC5A/CD5AW	048	0.99	0.96	CK5A/CK5BW	048	0.99	0.96
	060	1.01	0.97	CK5A/CK5BX	060	1.00	0.97

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys	Capacity MBtuh†		Total Sys
CFM	EWB	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**	Total	Sens‡	KW**
561C060-A, B, E Outdoor Section With CC5A/CD5AW060 Indoor Section																			
1750	72	66.3	32.0	5.14	63.7	31.0	5.64	61.0	30.0	6.20	58.1	28.9	6.82	55.0	27.8	7.50	51.7	26.6	8.24
	67	60.6	40.0	4.96	58.1	38.9	5.46	55.6	37.9	6.01	52.9	36.7	6.63	50.0	35.6	7.30	47.1	34.4	8.02
	62	55.2	47.8	4.81	52.9	46.7	5.30	50.6	45.5	5.85	48.1	44.3	6.46	45.4	42.9	7.12	42.8	41.5	7.80
	57	51.8	51.8	4.72	50.0	50.0	5.22	48.2	48.2	5.78	46.3	46.3	6.40	44.2	44.2	7.07	42.1	42.1	7.77
1800	72	66.6	32.3	5.17	64.0	31.3	5.67	61.2	30.3	6.23	58.3	29.2	6.85	55.2	28.1	7.53	51.9	26.9	8.27
	67	60.8	40.4	4.99	58.4	39.4	5.48	55.8	38.3	6.04	53.1	37.2	6.65	50.2	36.0	7.33	47.2	34.8	8.05
	62	55.5	48.4	4.83	53.2	47.3	5.33	50.8	46.1	5.88	48.2	44.8	6.49	45.6	43.5	7.14	42.9	42.0	7.83
	57	52.2	52.2	4.75	50.4	50.4	5.25	48.6	48.6	5.81	46.6	46.6	6.43	44.5	44.5	7.11	42.4	42.4	7.81
2100	72	68.1	33.9	5.34	65.3	32.9	5.83	62.4	31.8	6.39	59.4	30.7	7.01	56.1	29.6	7.69	52.8	28.4	8.43
	67	62.2	43.1	5.14	59.7	42.1	5.64	57.0	41.0	6.20	54.2	39.8	6.81	51.2	38.6	7.48	48.0	37.4	8.21
	62	56.7	52.0	4.98	54.4	50.8	5.48	51.9	49.5	6.03	49.3	48.0	6.64	46.6	46.3	7.30	44.1	44.1	8.01
	57	54.6	54.6	4.93	52.7	52.7	5.43	50.7	50.7	5.99	48.6	48.6	6.62	46.4	46.4	7.29	44.1	44.1	8.01
2250	72	68.7	34.6	5.41	65.9	33.6	5.91	62.9	32.6	6.47	59.8	31.4	7.09	56.5	30.3	7.77	53.1	29.1	8.51
	67	62.8	44.4	5.22	60.2	43.4	5.71	57.5	42.3	6.27	54.6	41.1	6.89	51.5	39.9	7.56	48.3	38.6	8.28
	62	57.3	53.7	5.05	54.9	52.4	5.55	52.4	51.0	6.10	49.8	49.3	6.71	47.2	47.2	7.38	44.8	44.8	8.11
	57	55.6	55.6	5.01	53.7	53.7	5.51	51.6	51.6	6.08	49.5	49.5	6.70	47.2	47.2	7.38	44.8	44.8	8.11

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Unit Size	Cooling		Indoor Section	Unit Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AW	060	1.00	1.00	FG3AAA	060	0.99	1.00
CC5A/CD5AA	060	0.96	0.97	FK4CNB	006	1.02	1.00
CE3AA	060	1.01	0.99	**COILS + 333(B,J)AV060100 VARIABLE-SPEED FURNACE**			
CK3BA	060	0.96	1.00	CK3BA	060	0.96	0.95
CK5A/CK5BA	060	0.96	0.97	CK5A/CK5BA	060	0.96	0.95
CK5A/CK5BN	060	0.96	0.98	CK5A/CK5BX	060	1.00	0.95
CK5A/CK5BX	060	1.00	1.00	**COILS + 333(B,J)AV060120 VARIABLE-SPEED FURNACE**			
F(A,B)4AN(F,B)	060	1.01	1.05	CK3BA	060	0.96	0.96
FB4ANB	070	1.02	1.03	CK5A/CK5BA	060	0.96	0.96
FC4BN(F,B)	060	1.00	1.04	CK5A/CK5BX	060	0.96	0.96
FC4BNB	070	1.02	1.02		—	—	—

* Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per ARI standard 210/240-94. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

† Total and sensible capacities are net capacities. Blower motor heat has been subtracted.

‡ Sensible capacities shown are based on 80°F (27°C) entering air at the indoor coil. For sensible capacities at other than 80°F (27°C), deduct 835 Btuh (245 kw) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btuh (245 kw) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C). When the required data falls between the published data, interpolation may be performed.

** Unit kw is total of indoor and outdoor unit kilowatts.

EWB—Entering Wet Bulb

CONDENSER ONLY RATINGS*

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
561C018-A, D									
30	TCG	17.6	16.2	14.7	13.4	12.0	10.7	9.52	8.35
	KW	1.37	1.49	1.58	1.66	1.73	1.77	1.80	1.82
	SDT	75.6	86.1	96.4	106.0	116.0	126.0	136.0	146.0
35	TCG	19.6	18.1	16.6	15.1	13.6	12.3	10.9	9.68
	KW	1.40	1.52	1.63	1.73	1.81	1.87	1.91	1.93
	SDT	76.5	87.2	97.4	107.0	117.0	127.0	137.0	146.0
40	TCG	21.8	20.1	18.5	16.9	15.4	13.9	12.5	11.1
	KW	1.42	1.56	1.68	1.79	1.88	1.96	2.01	2.05
	SDT	77.6	88.4	98.6	109.0	119.0	128.0	138.0	147.0
45	TCG	24.1	22.3	20.6	18.9	17.2	15.6	14.1	12.6
	KW	1.44	1.59	1.73	1.85	1.96	2.05	2.12	2.17
	SDT	78.7	89.7	100.0	110.0	120.0	130.0	139.0	149.0
50	TCG	26.5	24.6	22.7	20.9	19.1	17.4	15.8	14.2
	KW	1.46	1.62	1.77	1.91	2.03	2.14	2.22	2.29
	SDT	79.8	91.0	102.0	112.0	122.0	131.0	141.0	150.0
55	TCG	29.0	27.0	25.0	23.1	21.2	19.4	17.6	15.9
	KW	1.47	1.65	1.82	1.97	2.10	2.22	2.32	2.40
	SDT	81.1	92.3	103.0	113.0	123.0	133.0	142.0	152.0
561C024-A, D									
30	TCG	22.5	20.9	19.2	17.5	15.9	14.2	12.6	11.0
	KW	1.83	1.95	2.05	2.14	2.21	2.26	2.29	2.29
	SDT	70.0	82.2	93.6	104.0	115.0	125.0	135.0	145.0
35	TCG	24.9	23.2	21.5	19.7	17.9	16.2	14.5	12.8
	KW	1.89	2.01	2.13	2.23	2.32	2.38	2.43	2.45
	SDT	69.8	82.6	94.2	105.0	116.0	126.0	136.0	145.0
40	TCG	27.5	25.7	23.8	22.0	20.1	18.3	16.5	14.6
	KW	1.94	2.08	2.21	2.32	2.42	2.50	2.57	2.60
	SDT	69.5	82.9	95.0	106.0	117.0	127.0	137.0	146.0
45	TCG	30.1	28.3	26.3	24.4	22.4	20.5	18.5	16.6
	KW	2.00	2.15	2.29	2.42	2.53	2.63	2.70	2.76
	SDT	69.7	83.2	95.6	107.0	118.0	128.0	138.0	148.0
50	TCG	32.9	31.0	29.0	26.9	24.8	22.7	20.7	18.7
	KW	2.07	2.22	2.37	2.51	2.64	2.75	2.84	2.91
	SDT	70.3	83.4	96.3	108.0	119.0	129.0	139.0	149.0
55	TCG	35.8	33.8	31.8	29.6	27.3	25.1	23.0	20.9
	KW	2.13	2.29	2.45	2.60	2.74	2.87	2.98	3.07
	SDT	70.9	83.8	97.0	109.0	120.0	131.0	141.0	151.0
561C030-A, D									
30	TCG	28.0	26.0	24.0	22.0	20.1	18.2	16.4	14.7
	KW	2.21	2.35	2.48	2.61	2.72	2.82	2.91	2.98
	SDT	77.5	87.5	97.4	107.0	117.0	127.0	136.0	146.0
35	TCG	31.1	28.9	26.7	24.6	22.6	20.6	18.6	16.8
	KW	2.29	2.44	2.59	2.72	2.85	2.97	3.07	3.15
	SDT	78.9	88.9	98.8	109.0	118.0	128.0	137.0	147.0
40	TCG	34.3	32.0	29.7	27.4	25.2	23.1	21.0	18.9
	KW	2.38	2.54	2.70	2.85	2.99	3.11	3.23	3.33
	SDT	80.5	90.6	100.0	110.0	120.0	129.0	139.0	148.0
45	TCG	37.7	35.2	32.8	30.4	28.0	25.7	23.4	21.2
	KW	2.47	2.64	2.81	2.97	3.12	3.27	3.40	3.51
	SDT	82.1	92.3	102.0	112.0	121.0	131.0	140.0	150.0
50	TCG	41.3	38.7	36.1	33.5	31.0	28.5	26.1	23.7
	KW	2.56	2.75	2.92	3.10	3.27	3.42	3.57	3.70
	SDT	83.9	94.0	104.0	114.0	123.0	133.0	142.0	151.0
55	TCG	45.1	42.3	39.5	36.8	34.1	31.4	28.8	26.3
	KW	2.66	2.86	3.05	3.23	3.41	3.58	3.74	3.89
	SDT	85.8	96.0	106.0	116.0	125.0	135.0	144.0	153.0
561C036-A, B, D, E									
30	TCG	32.1	30.5	28.9	27.2	25.5	23.7	21.8	19.9
	KW	2.33	2.57	2.84	3.11	3.40	3.68	3.95	4.21
	SDT	78.6	89.0	99.3	109.0	120.0	129.0	139.0	149.0
35	TCG	35.2	33.5	31.8	30.0	28.2	26.3	24.3	22.3
	KW	2.40	2.65	2.92	3.21	3.51	3.81	4.10	4.39
	SDT	79.9	90.4	101.0	111.0	121.0	131.0	141.0	150.0
40	TCG	38.4	36.7	34.9	33.0	31.0	29.0	26.9	24.8
	KW	2.47	2.72	3.00	3.30	3.61	3.93	4.25	4.56
	SDT	81.3	91.9	102.0	112.0	123.0	132.0	142.0	152.0
45	TCG	41.8	40.0	38.1	36.1	34.0	31.8	29.7	27.4
	KW	2.55	2.81	3.10	3.40	3.73	4.06	4.40	4.74
	SDT	82.9	93.5	104.0	114.0	124.0	134.0	144.0	154.0
50	TCG	45.4	43.5	41.5	39.3	37.1	34.9	32.5	30.2
	KW	2.63	2.90	3.19	3.51	3.84	4.20	4.55	4.91
	SDT	84.6	95.3	106.0	116.0	126.0	136.0	146.0	155.0
55	TCG	49.2	47.2	45.0	42.8	40.4	38.0	35.5	33.0
	KW	2.72	2.99	3.29	3.62	3.97	4.33	4.70	5.08
	SDT	86.4	97.0	107.0	118.0	128.0	138.0	148.0	157.0

See notes on page 26.

CONDENSER ONLY RATINGS* Continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
561C042-A, B, C									
30	TCG	37.9	36.1	34.2	32.1	30.0	27.8	25.6	23.3
	KW	2.73	3.03	3.34	3.67	4.01	4.35	4.68	4.98
	SDT	80.8	91.0	101.0	111.0	121.0	131.0	141.0	150.0
35	TCG	41.5	39.6	37.5	35.4	33.2	30.9	28.5	26.0
	KW	2.82	3.12	3.45	3.79	4.15	4.51	4.87	5.21
	SDT	82.5	92.7	103.0	113.0	123.0	133.0	142.0	152.0
40	TCG	45.3	43.3	41.1	38.9	36.5	34.1	31.5	28.9
	KW	2.91	3.22	3.56	3.92	4.29	4.67	5.06	5.43
	SDT	84.3	94.5	105.0	115.0	125.0	134.0	144.0	154.0
45	TCG	49.4	47.2	44.9	42.5	40.0	37.4	34.8	32.0
	KW	3.01	3.33	3.68	4.05	4.44	4.84	5.25	5.65
	SDT	86.3	96.5	107.0	117.0	127.0	136.0	146.0	156.0
50	TCG	53.6	51.2	48.8	46.3	43.6	40.9	38.1	35.2
	KW	3.11	3.44	3.80	4.18	4.59	5.01	5.44	5.87
	SDT	88.3	98.5	109.0	119.0	129.0	138.0	148.0	158.0
55	TCG	58.0	55.5	52.9	50.2	47.5	44.6	41.6	38.5
	KW	3.22	3.56	3.93	4.32	4.74	5.18	5.63	6.09
	SDT	90.4	101.0	111.0	121.0	131.0	140.0	150.0	160.0
561C048-A, B, C									
30	TCG	42.6	40.8	38.9	36.9	34.8	32.7	30.5	28.3
	KW	3.22	3.56	3.93	4.34	4.80	5.28	5.79	6.31
	SDT	76.5	87.0	97.4	108.0	118.0	128.0	138.0	148.0
35	TCG	46.6	44.7	42.7	40.6	38.4	36.1	33.8	31.4
	KW	3.28	3.61	3.99	4.41	4.87	5.37	5.89	6.44
	SDT	77.7	88.2	98.6	109.0	119.0	129.0	139.0	149.0
40	TCG	50.9	48.8	46.7	44.4	42.1	39.7	37.2	34.7
	KW	3.34	3.68	4.06	4.49	4.95	5.46	6.00	6.57
	SDT	79.0	89.6	99.9	110.0	120.0	131.0	141.0	150.0
45	TCG	55.4	53.2	50.9	48.5	46.0	43.4	40.8	38.1
	KW	3.42	3.75	4.14	4.57	5.04	5.56	6.11	6.70
	SDT	80.4	91.0	101.0	112.0	122.0	132.0	142.0	152.0
50	TCG	60.1	57.8	55.3	52.8	50.1	47.4	44.5	41.7
	KW	3.49	3.84	4.22	4.66	5.13	5.66	6.23	6.83
	SDT	81.8	92.5	103.0	113.0	124.0	134.0	144.0	154.0
55	TCG	65.1	62.6	60.0	57.3	54.5	51.5	48.5	45.4
	KW	3.58	3.93	4.32	4.75	5.24	5.77	6.34	6.96
	SDT	83.4	94.1	105.0	115.0	125.0	135.0	145.0	155.0
561C060-A, B, E									
30	TCG	52.8	50.6	48.2	45.8	43.3	40.6	37.9	35.2
	KW	3.87	4.27	4.73	5.23	5.78	6.37	6.99	7.63
	SDT	75.7	86.2	96.6	107.0	117.0	127.0	137.0	147.0
35	TCG	57.8	55.4	52.9	50.3	47.6	44.8	41.9	39.0
	KW	3.94	4.35	4.81	5.32	5.87	6.48	7.12	7.79
	SDT	76.9	87.5	97.9	108.0	118.0	129.0	139.0	148.0
40	TCG	63.0	60.5	57.8	55.1	52.2	49.2	46.1	43.0
	KW	4.02	4.44	4.90	5.41	5.98	6.60	7.27	7.95
	SDT	78.2	88.9	99.3	110.0	120.0	130.0	140.0	150.0
45	TCG	68.6	65.8	63.0	60.0	57.0	53.8	50.5	47.2
	KW	4.12	4.53	5.00	5.52	6.09	6.72	7.41	8.12
	SDT	79.6	90.3	101.0	111.0	121.0	132.0	142.0	152.0
50	TCG	74.4	71.5	68.5	65.3	62.1	58.7	55.2	51.5
	KW	4.22	4.64	5.11	5.63	6.22	6.86	7.55	8.29
	SDT	81.1	91.9	102.0	113.0	123.0	133.0	143.0	153.0
55	TCG	80.5	77.4	74.2	70.9	67.4	63.8	60.1	56.2
	KW	4.33	4.75	5.23	5.76	6.35	7.00	7.70	8.46
	SDT	82.7	93.6	104.0	115.0	125.0	135.0	145.0	155.0

* ARI listing applies only to systems shown in Ratings and Performance table.

KW — Total Power (Kw)

SDT — Saturated Temperature Leaving Compressor (°F)

SST — Saturated Temperature Entering Compressor (°F)

TCG — Gross Cooling Capacity (1000 Btuh)

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 = 50 ft, indoor coil below = 150 ft.
6. For interconnecting refrigerant tube lengths between 50 and 175 ft, consult Residential Split Systems Long-Line Application Guideline available from equipment distributor.
7. Crankcase heater required when interconnecting refrigerant tube length exceeds 50 ft.
8. If any refrigerant tubing is buried, provide a 6 in. vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. may be buried without further consideration. For buried lines longer than 3 ft, consult your local distributor.
9. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.

GENERAL

System Description

Outdoor-mounted, air-cooled, split-system air conditioner unit suitable for ground or rooftop installation. Unit consists of a hermetic compressor, an air-cooled coil, propeller-type condenser fan, and a control box. Unit will discharge supply air upward as shown on contract drawings. Unit will be used in a refrigeration circuit to match up to a packaged fan coil or coil unit.

Quality Assurance

Unit will be rated in accordance with the latest edition of ARI Standard 210.

Unit will be certified for capacity, efficiency, and listed in the latest ARI directory.

Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.

Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have c-UL approval.

Unit cabinet will be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 500-hr salt spray test.

Air-cooled condenser coils will be leak tested at 150 psig and pressure tested at 300 psig.

Unit constructed in ISO 9001 approved facility.

Delivery, Storage, and Handling

Unit will be shipped as single package only and is stored and handled per unit manufacturer's recommendations.

Warranty (for inclusion by specifying engineer)

U.S. and Canada only.

PRODUCTS

Equipment

Factory-assembled, single-piece, air-cooled air conditioner unit. Contained within the unit enclosure will be all factory wiring, piping, controls, compressor, refrigerant charge (R22), and special features required prior to field start-up.

Unit Cabinet

Unit cabinet will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.

Fans

Condenser fan will be direct-drive propeller type, discharging air upward.

Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings.

Shafts will be corrosion resistant.

Fan blades will be statically and dynamically balanced.

Condenser fan openings will be equipped with PVC-coated steel wire safety guards.

Compressor

Compressor will be hermetically sealed.

Compressor will be mounted on rubber vibration isolators.

Condenser Coil

Condenser coil will be air cooled.

Coil will be constructed of aluminum fins mechanically bonded to copper tubes which are then cleaned, dehydrated, and sealed.

Refrigeration Components

Refrigeration circuit components will include liquid line shutoff valve with sweat connections, suction line shutoff valves with sweat connections, system charge of R22 refrigerant, and compressor oil.

Operating Characteristics

The capacity of the unit will meet or exceed _____ Btuh at a suction temperature of _____ °F. The power consumption at full load will not exceed _____ kw.

Combination of the unit and the evaporator or fan coil unit will have a total net cooling capacity of _____ Btuh or greater at conditions of _____ CFM entering air temperature at the evaporator at _____ °F wet bulb and _____ °F dry bulb, and air entering the unit at _____ °F.

The system will have an SEER of _____ Btuh/watt or greater at DOE conditions.

Electrical Requirements

Nominal unit electrical characteristics will be _____ v, single phase, 60 hertz. The unit will be capable of satisfactory operation within voltage limits of _____ v to _____ v.

Unit electrical power will be single point connection.

Control circuit will be 24v.

Special Features

Refer to section of this literature identifying accessories and descriptions for specific features and available enhancements.

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Heating & Cooling Systems

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT MUST BE INSTALLED IN ACCORDANCE
WITH INSTALLATION INSTRUCTIONS

Cancels PDS 561C.18.5

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