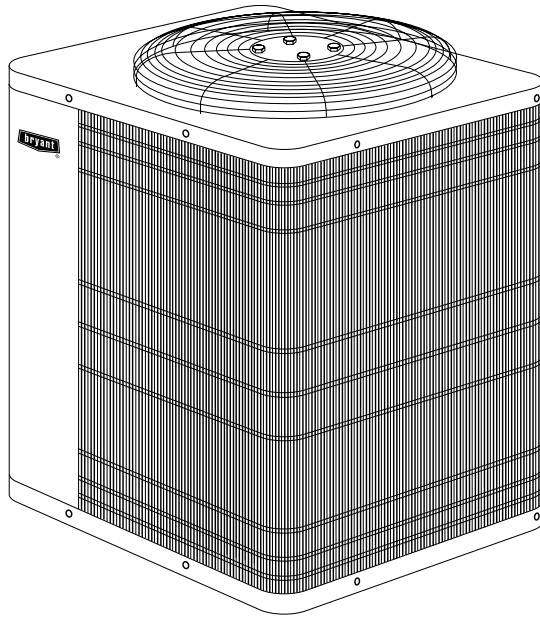




Model 593C Energy-Efficient Air Conditioners incorporate innovative technology to provide quiet, reliable cooling performance. Built into these units are the features most desired by homeowners today. Standard SEER ratings of 10.0 can reach as high as 11.2 when combined with specific Bryant equipment. All models are listed with ARI, UL (U.S. and Canada), and CEC.

AVAILABLE OPTIONS

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

WIDE RANGE OF SIZES—Available in 7 nominal sizes from 018 through 060 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 hard, smooth finish that will last for many years. All screws on cabinet exterior are ceramic coated for a long-lasting, rust-resistant, quality appearance.

HEAVY DUTY INLET GRILLE—The DuraGuard™ coil protector, made of a coated steel wire grid with vertical 3/8 in. spacing, is designed to help protect the coil from inclement weather, vandalism, and incidental damage. It provides protection while not restricting airflow and maintaining ease of coil inspection and cleaning.

TOTALLY ENCLOSED FAN MOTOR—Means greater reliability under adverse weather conditions and dependable performance for many years. The permanent-split-capacitor type motor was designed for optimum efficiency. Then the motor was tested and qualified under extreme conditions to help ensure the greatest reliability.

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. Heat pump-style drain pan for easy removal of water, dirt, and leaves.

BRYANT'S AEROQUIET SYSTEM—Extremely low operating sound is the result of special attention to the air moving through the outdoor unit, and a specially designed sound enclosure surrounding the compressor to eliminate sound transmission to the rest of the systems.

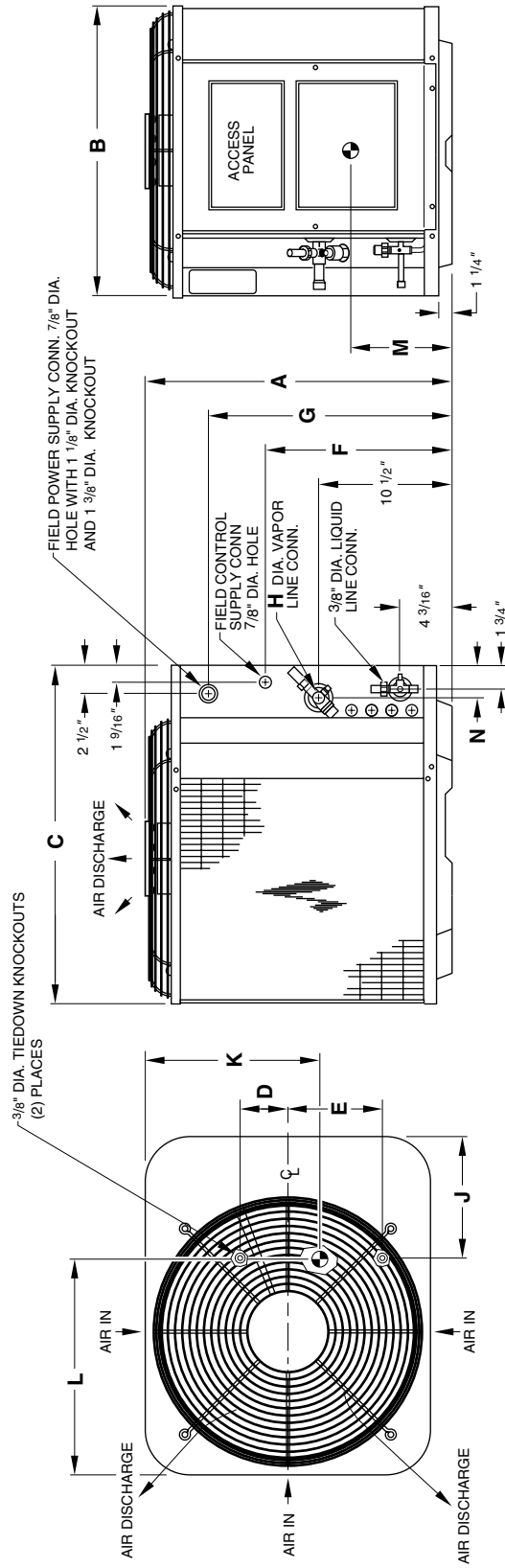
APPLICATION VERSATILITY—The 593C can be combined with a wide variety of evaporator coils and blower packages to provide quiet, dependable comfort. Unit can be installed on a roof or at ground level on a slab.

EXTERNAL SERVICE VALVES—Both service valves are brass, front 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. For improved serviceability, all models are equipped with a compressor terminal plug.

COMPRESSOR PROTECTION—Each model 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 5-year warranty on all parts, with an additional 10-year warranty on compressor.



NOTES:

1. ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT, 48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE, AND 24" 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 

A99067

DIMENSIONS (IN.)

UNIT SIZE	SERIES	UNIT DIMENSIONS												MINIMUM MOUNTING PAD DIMENSIONS
		A	B	C	D	E	F	G	H	K	L	M	N	
018	C, D	23-13/16	22-1/2	26-3/16	4-1/8	7-1/8	13-13/16	18-3/8	5/8	12-1/2	15-1/2	10-1/2	2-3/8	22 x 26
024	C, D	23-13/16	22-1/2	26-3/16	4-1/8	7-1/8	13-13/16	18-3/8	5/8	12-1/2	15-1/2	10-1/2	2-3/8	22 x 26
030	C, D	27-13/16	22-1/2	26-3/16	4-1/8	7-1/8	15-15/16	22-3/8	3/4	12-1/2	15-1/2	11-1/2	2-3/8	22 x 26
036	C, D	33-13/16	22-1/2	26-3/16	4-1/8	7-1/8	21-15/16	28-3/8	3/4	12-1/2	15-1/2	13	2-3/8	22 x 26
042	C, D	27-13/16	30	33	5-1/16	9-11/16	15-15/16	22-3/8	7/8	16-1/2	20-3/8	12-5/16	2-15/16	28 x 31
048	C	33-13/16	30	33	5-1/16	9-11/16	21-15/16	22-3/8	7/8	15-1/2	18	13-1/2	2-15/16	28 x 31
060	C	39-13/16	30	33	5-1/16	9-11/16	27-15/16	34-3/8	7/8	15-1/2	18	16-1/2	2-15/16	28 x 31

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.

CHECK-FLO-RATER® PISTON

UNIT SIZE—SERIES	PISTON* IDENTIFICATION NO.
018-C, D	55
024-C, D	57
030-C, D	67
036-C, D	73
042-C, D	78
048-C	82
060-C	96

* 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.



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



CERTIFICATE NO. FM 28768

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

REGISTERED QUALITY SYSTEM



SPECIFICATIONS

UNIT SIZE	018-C, D	024-C, D	030-C, D	036-C, D
Operating Weight (Lb)	137	143	161	169
ELECTRICAL				
Unit Volts—Hertz—Phase	208—230—60—1			
Operating Voltage Range*	197—253			
Compressor— Rated Load Amps	8.6	10.9	13.7	15.0
Locked Rotor Amps	49.0	56.0	75.0	82.0
Condenser Fan Motor—Full Load Amps	0.5	0.5	0.8	1.4
Min Unit Ampacity for Wire Sizing	11.3	14.1	17.9	20.2
Min Wire Size (75°C Copper) AWG†	14	14	14	12
Min Wire Size (60°C Copper) AWG†	14	14	14	12
Max Wire Length (Ft) (75°C Copper)‡	62	50	42	57
Max Wire Length (Ft) (60°C Copper)‡	66	53	44	60
Max Branch Circuit Fuse Size**	15	20	25	30
COMPRESSOR and REFRIGERANT				
Compressor—Manufacturer and Type	Copeland Reciprocating			
Temperature and Current Protection	Internal Line Break			
Refrigerant—Type and Amount (Lb)††	R-22 and 3.88	R-22 and 4.44	R-22 and 4.63	R-22 and 5.50
CONDENSER COIL and FAN				
Coil Face (Sq Ft)	7.2	7.2	8.8	10.9
Fins per In.—Rows—Circuits	20—1—1	25—1—1	25—1—2	25—1—2
Fan Motor—HP, Type, and RPM	1/12 PSC and 1100		1/10 PSC and 1100	1/4 PSC and 1100
Volts—Hertz—Phase	208/230—60—1			
Condenser Airflow (CFM)	1900	1900	2100	2600
OPTIONAL EQUIPMENT				
Support Feet	KSASF0101AAA			
Coastal Filter	KAACF0701SML			
Time Delay Relay	KAATD0601TDR			
Cycle Protector	KSACY0101AAA			
Crankcase Heater	KAACH1001AAA			
Start Assist—Capacitor/Relay Type	KSAHS1001AAA			
Start Assist—PTC Type	KAACS0201PTC			
Sound Hood	KSASH1101COP		KSASH1201COP	
TXV Kit (RPB)	KAATX0201RPB	KAATX0301RPB	KAATX0401RPB	KAATX0501RPB
TXV Kits (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			
Low-Ambient Kit	KSALA0201R22			
MotorMaster® Control††	32LT660004 (RCD)			
Ball Bearing Fan Motor	HC34GE232 (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			
Thermostat™ Control—Programmable/ Non-Programmable Thermostat with Humidity Control	TSTATBBPRH01-B			
Outdoor Air Temperature Sensor	TSTATBBSEN01-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) — 10 Pack	TSTATXXCNV10			

See notes on page 5.

SPECIFICATIONS Continued

UNIT SIZE	042-C, D		048-C	060-C
Operating Weight (Lb)	206		199	217
ELECTRICAL				
Unit Volts—Hertz—Phase	208—230—60—1			
Operating Voltage Range*	197—253			
Compressor— Rated Load Amps	19.0	24.4	28.8	
Locked Rotor Amps	105.0	140.0	165.0	
Condenser Fan Motor—Full Load Amps	1.4	1.4	1.4	
Min Unit Ampacity for Wire Sizing	25.2	31.9	37.4	
Min Wire Size (75°C Copper) AWG†	10	10	8	
Min Wire Size (60°C Copper) AWG†	10	8	8	
Max Wire Length (Ft) (75°C Copper)‡	73	59	78	
Max Wire Length (Ft) (60°C Copper)‡	77	97	82	
Max Branch Circuit Fuse Size**	40	50	60	
COMPRESSOR and REFRIGERANT				
Compressor—Manufacturer and Type	Copeland Reciprocating		Millennium Scroll	Millennium Scroll
Temperature and Current Protection	Internal Line Break		Internal Line Break and Dome Thermostat	
Refrigerant—Type and Amount (Lb)††	R-22 and 5.51		R-22 and 7.63	R-22 and 10.63
CONDENSER COIL and FAN				
Coil Face (Sq Ft)	12.2	15.2	18.3	
Fins per In.—Rows—Circuits	20—1—2	25—1—3	25—1—4	
Fan Motor—HP, Type, and RPM	1/4 PSC and 1100			
Volts—Hertz—Phase	208/230—60—1			
Condenser Airflow (CFM)	3000			
OPTIONAL EQUIPMENT				
Support Feet	KSASF0101AAA			
Coastal Filter	KAACF0801MED			
Time Delay Relay	KAATD0101TDR			
Cycle Protector	KSACY0101AAA			
Crankcase Heater	Standard	KAACH1201AAA		
Start Assist—Capacitor/Relay Type	KSAHS1301AAA	KSAHS1601AAA		
Start Assist—PTC Type	KAACS0201PTC			
Sound Hood	KSASH1201COP	KSASH2001CYL		
TXV Kit (RPB)	KAATX0501RPB	KAATX0601RPB	KAATX0701RPB	
TXV Kits (Hard Shutoff)	KSATX0601HSO	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			
Low-Ambient Kit	KSALA0201R22			
MotorMaster® Control††	32LT660004 (RCD)			
Ball Bearing Fan Motor	HC40GE232 (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	TSTATBBSEN01-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) — 10 Pack	TSTATXXCNV10			

* Permissible limits of the voltage range at which the 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 a voltage drop not to exceed 2%.

** Fan motor with ball bearings required. See Low-ambient controller Installation Instructions for application.

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

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 filter designed to protect the condenser coil from salt damage without restricting airflow through the outdoor coil.

SUGGESTED USE: Geographic areas prone to salt spray. Used to meet job specifications where added coil protection is required.

3. Compressor Start Assist—Capacitor/Relay Type

Start capacitor and start relay 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 at each start-up.

SUGGESTED USE: Installations with marginal power supply.

5. Crankcase Heater

An electric resistance heater which mounts to the base of compressor to keep 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 Low-Ambient Controller 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 air conditioners.

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 additional 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. Liquid-Line Solenoid Valve (LSV)

An electrically operated shutoff valve to be installed at the outdoor or indoor unit (depending on tubing configuration), 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.

11. 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. Also, provides additional protection against compressor damage due to loss of refrigerant charge. To prevent rapid compressor recycling, Compressor Cycle Protector can be used with this switch.

SUGGESTED USE: Where indoor coil is exposed to “dirty” air.

All commercial installations.

12. 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 $100^\circ\text{F} \pm 10^\circ\text{F}$.

SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F.

All commercial installations.

13. 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.

14. Sound Hood

Wrap-around sound attenuation cover for the compressor. Reduces the sound level by about 2 decibels.

SUGGESTED USE: Unit installed closer than 15 ft to quiet areas—bedrooms, etc.

Unit installed between 2 houses less than 10 ft apart.

15. 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: Coastal installations.

Windy areas or where debris is normally circulating.

Rooftop installations.

16. 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. Both hard shutoff and RPB type 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.

ACCESSORY DESCRIPTION AND USE (Listed Alphabetically) Continued

17. 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.

18. 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.

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
MotorMaster® Control or Low-Ambient Pressure Switch	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 greater than 50 ft and/or 20 ft vertical differential, refer to Residential Split-system Long-Line Application Guideline and Service Manual.

† Only when low-pressure switch is used.

‡ Required for Low-Ambient Controller (full modulation feature) and MotorMaster® Control only.

SOUND POWER (dBA)

Unit Size	Sound Level (dBA)	OCTAVE BAND CENTER FREQUENCY (Hz)						
		125	250	500	1000	2000	4000	8000
018-C, D	76	54.0	63.5	66.0	66.0	65.0	62.5	55.5
024-C, D	78	53.0	69.0	69.5	71.0	68.5	64.5	60.5
030-C, D	80	53.5	64.0	66.5	69.5	69.0	65.0	58.5
036-C, D	80	57.0	65.5	71.0	75.0	71.0	67.5	62.0
042-C, D	80	62.5	69.0	72.0	75.0	72.0	69.5	62.5
048-C	82	63.0	71.0	71.0	72.0	73.5	68.0	63.5
060-C	82	61.5	69.5	71.0	74.5	70.0	69.0	66.0

COMBINATION RATINGS

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	BRYANT GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡
018-C, D	CC5A/CD5AA018*	17,200	NONE	10.00	10.50	10.50
	CC5A/CD5AA024	17,800	NONE	10.50	11.00	11.00
	CC5A/CD5AW024	17,800	NONE	10.50	11.00	11.00
	CE3AA024	18,000	NONE	10.50	11.00	11.00
	CF5AA024	18,000	NONE	10.50	11.00	11.00
	CK3BA024	17,800	NONE	10.50	11.00	11.00
	CK5A/CK5BA018	17,200	NONE	10.00	10.50	10.50
	CK5A/CK5BA024	17,800	NONE	10.50	11.00	11.00
	CK5A/CK5BW024	17,800	NONE	10.50	11.00	11.00
	F(A,B)4(A,B)NF018	17,000	TDR	10.00	—	10.00
	F(A,B)4(A,B)NF024	18,000	TDR	10.50	—	10.50
	FC4(B,C)NF024	18,000	TDR & TXV	10.50	—	—
	FF1DNA018	17,000	TDR	10.00	—	10.50
	FF1DNA024	18,000	TDR	10.20	—	10.50
	FG3AA024	17,600	NONE	10.20	10.60	10.60
	FK4(C,D)NF001	18,000	TDR & TXV	12.00	—	—
	FK4(C,D)NF002	18,000	TDR & TXV	12.00	—	—
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA018	17,200	TDR	11	11	10.35
	CC5A/CD5AA024	17,600	TDR	11.5	11.5	10.65
	CC5A/CD5AW024	17,600	TDR	11.5	11.5	10.65
	CE3AA024	17,600	TDR	11.5	11.5	10.65
	CK3BA024	17,600	TDR	11.5	11.5	10.85
	CK5A/CK5BA018	17,200	TDR	11	11	10.6
	CK5A/CK5BA024	17,600	TDR	11.5	11.5	10.85
	CK5A/CK5BW024	17,600	TDR	11.5	11.5	10.85
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE					
	CD5A/CD5BA018	17,600	NONE	11.00	—	11.00
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA018	17,600	NONE	11.00	—	11.00
	CK3BA024	17,600	NONE	11.50	—	11.50
	CK5A/CK5BW024	17,600	NONE	11.50	—	11.50
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA018	17,600	NONE	11.00	—	11.00
	CK3BA024	17,600	NONE	11.50	—	11.50
	CK5A/CK5BW024	17,600	NONE	11.50	—	11.50
024-C, D	CC5A/CD5AA024*	23,000	NONE	10.00	10.20	10.20
	CC5A/CD5AA030	23,000	NONE	10.00	10.50	10.50
	CC5A/CD5AW024	23,000	NONE	10.00	10.20	10.20
	CC5A/CD5AW030	23,000	NONE	10.10	10.50	10.50
	CE3AA024	23,200	NONE	10.00	10.20	10.20
	CE3AA030	23,400	NONE	10.10	10.50	10.50
	CF5AA024	23,000	NONE	10.10	10.50	10.50
	CK3BA024	23,000	NONE	10.00	10.20	10.20
	CK3BA030	23,000	NONE	10.00	10.50	10.50
	CK5A/CK5BA024	23,000	NONE	10.00	10.20	10.20
	CK5A/CK5BA030	23,000	NONE	10.00	10.50	10.50
	CK5A/CK5BW024	23,000	NONE	10.00	10.20	10.20
	CK5A/CK5BW030	23,000	NONE	10.00	10.50	10.50
	F(A,B)4(A,B)NF024	23,000	TDR	10.00	—	10.00
	F(A,B)4(A,B)NF030	23,200	TDR	10.20	—	10.20
	FC4(B,C)NF024	23,000	TDR & TXV	10.00	—	—
	FC4(B,C)NF030	23,400	TDR & TXV	10.20	—	—
	FF1DNA024	23,000	TDR	10.00	—	10.20
	FF1DNA030	23,400	TDR	10.00	—	10.20
	FG3AAA024	22,400	NONE	10.00	10.20	10.20
	FK4(C,D)NF001	24,000	TDR & TXV	11.50	—	—
	FK4(C,D)NF002	24,000	TDR & TXV	11.50	—	—
	FK4(C,D)NF003	24,000	TDR & TXV	11.50	—	—
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA024	22,200	TDR	11	11	9.85
	CC5A/CD5AA030	22,400	TDR	11	11	10
	CC5A/CD5AW024	22,200	TDR	11	11	9.85
	CC5A/CD5AW030	22,400	TDR	11	11	10
	CE3AA024	22,200	TDR	11	11	9.9
	CE3AA030	22,400	TDR	11	11	10.05
	CK3BA024	22,200	TDR	11	11	10
	CK3BA030	22,400	TDR	11	11	10
	CK5A/CK5BA024	22,200	TDR	11	11	10
	CK5A/CK5BA030	22,400	TDR	11	11	10
	CK5A/CK5BW024	22,200	TDR	11	11	10
	CK5A/CK5BW030	22,400	TDR	11	11	10
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA024	22,600	NONE	11.00	—	11.00
	CK3BA024	22,600	NONE	11.00	—	11.00
	CK3BA030	23,200	NONE	11.20	—	11.20
	CK5A/CK5BW030	23,200	NONE	11.20	—	11.20
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA024	22,600	NONE	11.00	—	11.00
	CK3BA024	22,600	NONE	11.00	—	11.00
	CK3BA030	23,200	NONE	11.20	—	11.20
	CK5A/CK5BW024	22,600	NONE	11.00	—	11.00
	CK5A/CK5BW030	23,200	NONE	11.20	—	11.20
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA024	22,600	NONE	11.00	—	11.00
	CK3BA024	22,600	NONE	11.00	—	11.00
	CK3BA030	23,200	NONE	11.20	—	11.20
	CK5A/CK5BW024	22,600	NONE	11.00	—	11.00
	CK5A/CK5BW030	23,200	NONE	11.20	—	11.20

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‡
030-C, D	CC5A/CD5AA030*	28,600	NONE	10.00	10.20	10.20
	CC5A/CD5AA036	29,000	NONE	10.10	10.50	10.50
	CC5A/CD5AW030	28,600	NONE	10.00	10.20	10.20
	CD5AW036	29,000	NONE	10.10	10.50	10.50
	CE3AA030	28,400	NONE	10.00	10.20	10.20
	CE3AA036	29,000	NONE	10.10	10.50	10.50
	CF5AA036	29,000	NONE	10.10	10.50	10.50
	CK3BA030	28,600	NONE	10.00	10.20	10.20
	CK3BA036	29,000	NONE	10.10	10.50	10.50
	CK5A/CK5BA030	28,600	NONE	10.00	10.20	10.20
	CK5A/CK5BA036	29,000	NONE	10.10	10.50	10.50
	CK5A/CK5BN036	27,000	NONE	10.10	10.50	10.50
	CK5A/CK5BW030	28,600	NONE	10.00	10.20	10.20
	CK5A/CK5BW036	29,000	NONE	10.10	10.50	10.50
	F(A,B)4(A,B)NF030	28,200	TDR	10.00	—	10.00
	F(A,B)4(A,B)NF036	28,800	TDR	10.20	—	10.20
	FC4(B,C)NF030	28,400	TDR & TXV	10.00	—	—
	FC4(B,C)NF036	28,800	TDR & TXV	10.20	—	—
	FD3(A,B)NA030	28,400	NONE	10.00	—	10.00
	FF1DNA030	28,400	TDR	10.00	—	10.00
	FG3AA036	29,000	NONE	10.20	10.50	10.50
	FK4(C,D)NF001	29,600	TDR & TXV	11.00	—	—
	FK4(C,D)NF002	29,600	TDR & TXV	11.00	—	—
	FK4(C,D)NF003	29,600	TDR & TXV	11.20	—	—
	FK4(C,D)NF005	30,000	TDR & TXV	11.50	—	—
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA030	28,000	TDR	11	11	9.75
	CC5A/CD5AA036	29,000	TDR	11	11	10.05
	CC5A/CD5AW030	28,000	TDR	11	11	9.75
	CE3AA030	28,000	TDR	11	11	9.85
	CE3AA036	28,600	TDR	11	11	9.9
	CK3BA030	28,000	TDR	11	11	9.75
	CK3BA036	29,000	TDR	11	11	10.05
	CK5A/CK5BA030	28,000	TDR	11	11	9.75
	CK5A/CK5BA036	29,000	TDR	11	11	10.05
	CK5A/CK5BT036	29,000	TDR	11	11	10.05
	CK5A/CK5BW030	28,000	TDR	11	11	9.75
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA030	28,000	TDR	11	11	9.85
	CC5A/CD5AA036	29,000	TDR	11	11	10.15
	CC5A/CD5AW030	28,000	TDR	11	11	9.85
	CC5A/CD5AW036	29,000	TDR	11	11	10.15
	CE3AA030	28,000	TDR	11	11	9.95
	CE3AA036	28,600	TDR	11	11	10.05
	CK3BA030	28,000	TDR	11	11	9.85
	CK3BA036	29,000	TDR	11	11	10.15
	CK5A/CK5BA030	28,000	TDR	11	11	9.85
	CK5A/CK5BA036	29,000	TDR	11	11	10.15
	CK5A/CK5BW030	28,000	TDR	11	11	9.85
	CK5A/CK5BW036	29,000	TDR	11	11	10.15
	COILS + 355MAV042040 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA030	29,000	NONE	11.00	—	11.00
	CK3BA030	29,000	NONE	10.50	—	10.50
	CK3BA036	29,000	NONE	10.50	—	10.50
	CK5A/CK5BW030	29,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	29,000	NONE	10.50	—	10.50
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA030	29,000	NONE	11.00	—	11.00
	CK3BA030	29,000	NONE	10.50	—	10.50
	CK3BA036	29,000	NONE	10.50	—	10.50
	CK5A/CK5BA036	29,000	NONE	10.50	—	10.50
	CK5A/CK5BN036	27,000	NONE	10.50	—	10.50
	CK5A/CK5BW030	29,000	NONE	10.50	—	10.50
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA030	29,000	NONE	11.00	—	11.00
	CK3BA030	29,000	NONE	10.50	—	10.50
	CK3BA036	29,000	NONE	10.50	—	10.50
	CK5A/CK5BW030	29,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	29,000	NONE	10.50	—	10.50
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE					
	CK3BA030	29,000	NONE	10.50	—	10.50
	CK3BA036	29,000	NONE	10.50	—	10.50
	CK5A/CK5BW030	29,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	29,000	NONE	10.50	—	10.50
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA030	29,000	NONE	11.00	—	11.00
	CK3BA030	29,000	NONE	10.50	—	10.50
	CK3BA036	29,000	NONE	11.00	—	11.00
	CK5A/CK5BW030	29,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	29,000	NONE	11.00	—	11.00
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE					
	CK3BA030	29,000	NONE	10.50	—	10.50
	CK3BA036	29,000	NONE	11.00	—	11.00
	CK5A/CK5BW036	29,000	NONE	11.00	—	11.00

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‡
036-C, D	CC5A/CD5AA036*	34,600	NONE	10.00	10.20	10.20
	CC5A/CD5AA042	34,600	NONE	10.00	10.20	10.20
	CC5A/CD5AW042	34,600	NONE	10.00	10.20	10.20
	CD5AW036	34,600	NONE	10.00	10.20	10.20
	CE3AA036	34,400	NONE	10.00	10.20	10.20
	CE3AA042	34,600	NONE	10.10	10.50	10.50
	CF5AA036	34,600	NONE	10.10	10.50	10.50
	CK3BA036	34,600	NONE	10.00	10.20	10.20
	CK3BA042	34,600	NONE	10.00	10.20	10.20
	CK5A/CK5BA036	34,600	NONE	10.00	10.20	10.20
	CK5A/CK5BA042	34,600	NONE	10.00	10.20	10.20
	CK5A/CK5BN036	32,000	NONE	10.00	10.20	10.20
	CK5A/CK5BN042	33,600	NONE	10.00	10.20	10.20
	CK5A/CK5BW036	34,600	NONE	10.00	10.20	10.20
	F(A,B)4(A,B)NF036	34,000	TDR	10.00	—	10.00
	F(A,B)4(A,B)N(F,B)042	34,800	TDR	10.20	—	10.20
	FC4(B,C)NF036	34,000	TDR & TXV	10.00	—	—
	FC4(B,C)N(F,B)042	34,800	TDR & TXV	10.20	—	—
	FG3AAA036	34,000	NONE	10.00	10.20	10.20
	FK4(C,D)NF001	34,600	TDR & TXV	10.20	—	—
	FK4(C,D)NF002	34,600	TDR & TXV	10.20	—	—
	FK4(C,D)NF003	34,800	TDR & TXV	10.50	—	—
	FK4(C,D)NF005	35,400	TDR & TXV	11.00	—	—
	FK4(C,D)NB006	35,400	TDR & TXV	11.50	—	—
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA036	33,000	TDR	11	11	9.7
	CE3AA036	32,600	TDR	10.5	10.5	9.6
	CE3AA042	33,000	TDR	11	11	9.8
	CK3BA036	33,000	TDR	11	11	9.7
	CK5A/CK5BA036	33,000	TDR	11	11	9.7
	CK5A/CK5BE042	33,000	TDR	11	11	9.8
	CK5A/CK5BT036	33,000	TDR	11	11	9.7
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA036	33,000	TDR	11	11	9.85
	CC5A/CD5AA042	33,000	TDR	11	11	9.95
	CC5A/CD5AW036	33,000	TDR	11	11	9.85
	CE3AA036	32,600	TDR	10.5	10.5	9.75
	CE3AA042	33,000	TDR	11	11	9.95
	CK3BA036	33,000	TDR	11	11	9.85
	CK3BA042	33,000	TDR	11	11	9.9
	CK5A/CK5BA036	33,000	TDR	11	11	9.85
	CK5A/CK5BA042	33,000	TDR	11	11	9.9
	CK5A/CK5BE042	33,000	TDR	11	11	9.95
	CK5A/CK5BT036	33,000	TDR	11	11	9.85
	CK5A/CK5BT042	33,000	TDR	11	11	9.9
	CK5A/CK5BW036	33,000	TDR	11	11	9.85
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA036	33,000	TDR	11	11	9.9
	CC5A/CD5AA042	33,000	TDR	11	11	10.05
	CC5A/CD5AW036	33,000	TDR	11	11	9.9
	CC5A/CD5AW042	33,000	TDR	11	11	10
	CE3AA036	32,600	TDR	10.5	10.5	9.85
	CE3AA042	33,000	TDR	11	11	10
	CK3BA036	33,000	TDR	11	11	9.95
	CK3BA042	33,000	TDR	11	11	10
	CK5A/CK5BA036	33,000	TDR	11	11	9.95
	CK5A/CK5BA042	33,000	TDR	11	11	10
	CK5A/CK5BT036	33,000	TDR	11	11	9.95
	CK5A/CK5BT042	33,000	TDR	11	11	10
	CK5A/CK5BW036	33,000	TDR	11	11	9.95
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	33,000	TDR	11	11	10
	CC5A/CD5AW036	33,000	TDR	11	11	9.85
	CC5A/CD5AW042	33,000	TDR	11	11	9.95
	CE3AA036	32,600	TDR	10.5	10.5	9.8
	CE3AA042	33,000	TDR	11	11	9.95
	CK3BA042	33,000	TDR	11	11	9.95
	CK5A/CK5BA042	33,000	TDR	11	11	9.95
	CK5A/CK5BW036	33,000	TDR	11	11	9.9
	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	33,000	TDR	11	11	10.05
	CC5A/CD5AW036	33,000	TDR	11	11	9.9
	CC5A/CD5AW042	33,000	TDR	11	11	10
	CE3AA036	32,600	TDR	10.5	10.5	9.8
	CE3AA042	33,000	TDR	11	11	10.05
	CK3BA042	33,000	TDR	11	11	10
	CK5A/CK5BA042	33,000	TDR	11	11	10
	CK5A/CK5BT042	33,000	TDR	11	11	10
	CK5A/CK5BW036	33,000	TDR	11	11	9.95

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‡
036-C, D	COILS + 355MAV042040 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA036	34,600	NONE	11.00	—	11.00
	CK3BA036	34,000	NONE	10.50	—	10.50
	CK3BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	34,000	NONE	10.50	—	10.50
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA036	34,600	NONE	11.00	—	11.00
	CK3BA036	34,000	NONE	10.50	—	10.50
	CK3BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BA036	34,000	NONE	10.50	—	10.50
	CK5A/CK5BN042	33,000	NONE	10.50	—	10.50
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA036	34,600	NONE	11.00	—	11.00
	CK3BA036	34,000	NONE	10.50	—	10.50
	CK3BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	34,000	NONE	10.50	—	10.50
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE					
	CK3BA036	34,000	NONE	10.50	—	10.50
	CK3BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	34,000	NONE	10.50	—	10.50
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA036	34,600	NONE	11.00	—	11.00
	CK3BA036	34,000	NONE	10.50	—	10.50
	CK3BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	34,000	NONE	10.50	—	10.50
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE					
	CK3BA036	34,000	NONE	10.50	—	10.50
	CK3BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BA042	34,000	NONE	10.50	—	10.50
	CK5A/CK5BW036	34,000	NONE	10.50	—	10.50
042-C, D	CC5A/CD5AA042*	39,500	NONE	10.00	10.20	10.20
	CC5A/CD5AC048	39,000	NONE	10.00	10.50	10.50
	CC5A/CD5AW042	39,500	NONE	10.00	10.20	10.20
	CC5A/CD5AW048	40,000	NONE	10.10	10.50	10.50
	CD5AA048	40,000	NONE	10.10	10.50	10.50
	CE3AA042	39,500	NONE	10.00	10.20	10.20
	CE3AA048	39,500	NONE	10.10	10.50	10.50
	CF5AA048	40,000	NONE	10.10	10.50	10.50
	CK3BA042	39,500	NONE	10.00	10.20	10.20
	CK3BA048	40,000	NONE	10.10	10.50	10.50
	CK5A/CK5BA042	39,500	NONE	10.00	10.20	10.20
	CK5A/CK5BA048	40,000	NONE	10.10	10.50	10.50
	CK5A/CK5BN042	38,500	NONE	10.00	10.20	10.20
	CK5A/CK5BN048	39,000	NONE	10.10	10.50	10.50
	CK5A/CK5BW048	40,000	NONE	10.10	10.50	10.50
	F(A,B)4(A,B)N(F,B)042	39,500	TDR	10.00	—	10.00
	F(A,B)4(A,B)N(F,B)048	40,500	TDR	10.50	—	10.50
	FC4(B,C)N(F,B)042	39,500	TDR & TXV	10.00	—	—
	FC4(B,C)N(F,B)048	40,500	TDR & TXV	10.50	—	—
	FG3AAA048	40,000	NONE	10.10	10.50	10.50
	FK4(C,D)NB006	41,500	TDR & TXV	11.50	—	—
	FK4(C,D)NF003	40,000	TDR & TXV	11.00	—	—
	FK4(C,D)NF005	41,000	TDR & TXV	11.20	—	—
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	39,500	TDR	11	11	10.05
	CC5A/CD5AC048	39,000	TDR	11	11	10.05
	CD5AA048	40,000	TDR	11	11	10.15
	CE3AA042	39,500	TDR	11	11	10.1
	CE3AA048	40,000	TDR	11	11	10.1
	CK3BA042	39,500	TDR	11	11	10.05
	CK3BA048	40,000	TDR	11	11	10.15
	CK5A/CK5BA042	39,500	TDR	11	11	10.05
	CK5A/CK5BA048	40,000	TDR	11	11	10.15
	CK5A/CK5BE042	39,500	TDR	11	11	10.1
	CK5A/CK5BT042	39,500	TDR	11	11	10.05
	CK5A/CK5BT048	40,000	TDR	11	11	10.15
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	39,500	TDR	11	11	10.1
	CC5A/CD5AC048	39,000	TDR	11	11	10.15
	CC5A/CD5AW042	39,500	TDR	11	11	10.05
	CC5A/CD5AW048	40,000	TDR	11	11	10.25
	CD5AA048	40,000	TDR	11	11	10.25
	CE3AA042	39,500	TDR	11	11	10.2
	CE3AA048	40,000	TDR	11	11	10.2
	CK3BA042	39,500	TDR	11	11	10.15
	CK3BA048	40,000	TDR	11	11	10.25

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‡
042-C, D	CK5A/CK5BA042	39,500	TDR	11	11	10.15
	CK5A/CK5BA048	40,000	TDR	11	11	10.25
	CK5A/CK5BT042	39,500	TDR	11	11	10.15
	CK5A/CK5BT048	40,000	TDR	11	11	10.25
	CK5A/CK5BW048	40,000	TDR	11	11	10.25
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	39,500	TDR	11	11	10.15
	CC5A/CD5AC048	39,000	TDR	11	11	10.15
	CC5A/CD5AW042	39,500	TDR	11	11	10.05
	CC5A/CD5AW048	40,000	TDR	11	11	10.25
	CD5AA048	40,000	TDR	11	11	10.3
	CE3AA042	39,500	TDR	11	11	10.2
	CE3AA048	40,000	TDR	11	11	10.2
	CK3BA042	39,500	TDR	11	11	10.15
	CK3BA048	40,000	TDR	11	11	10.25
	CK5A/CK5BA042	39,500	TDR	11	11	10.15
	CK5A/CK5BA048	40,000	TDR	11	11	10.25
	CK5A/CK5BT042	39,500	TDR	11	11	10.15
	CK5A/CK5BT048	40,000	TDR	11	11	10.25
	CK5A/CK5BW048	40,000	TDR	11	11	10.25
	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	39,500	TDR	11	11	10.15
	CC5A/CD5AC048	39,000	TDR	11	11	10.2
	CC5A/CD5AW042	39,500	TDR	11	11	10.1
	CC5A/CD5AW048	40,000	TDR	11	11	10.3
	CD5AA048	40,000	TDR	11	11	10.3
	CE3AA042	39,500	TDR	11	11	10.2
	CE3AA048	40,000	TDR	11	11	10.25
	CK3BA042	39,500	TDR	11	11	10.15
	CK3BA048	40,000	TDR	11	11	10.3
	CK5A/CK5BA042	39,500	TDR	11	11	10.15
	CK5A/CK5BA048	40,000	TDR	11	11	10.3
	CK5A/CK5BT042	39,500	TDR	11	11	10.15
	CK5A/CK5BT048	40,000	TDR	11	11	10.3
	CK5A/CK5BW048	40,000	TDR	11	11	10.3
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE					
	CK3BA042	39,500	NONE	10.50	—	10.50
	CK5A/CK5BN042	38,500	NONE	10.50	—	10.50
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	40,000	NONE	11.00	—	11.00
	CK3BA042	39,500	NONE	10.50	—	10.50
	CK3BA048	39,500	NONE	10.50	—	10.50
	CK5A/CK5BA042	39,500	NONE	10.50	—	10.50
	CK5A/CK5BA048	39,500	NONE	10.50	—	10.50
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE					
	CK3BA042	39,500	NONE	10.50	—	10.50
	CK3BA048	39,500	NONE	10.50	—	10.50
	CK5A/CK5BA042	39,500	NONE	10.50	—	10.50
	CK5A/CK5BA048	39,500	NONE	10.50	—	10.50
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA042	40,000	NONE	11.00	—	11.00
	CK3BA042	39,500	NONE	10.50	—	10.50
	CK3BA048	39,500	NONE	11.00	—	11.00
	CK5A/CK5BA042	39,500	NONE	10.50	—	10.50
	CK5A/CK5BA048	39,500	NONE	11.00	—	11.00
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE					
	CK3BA042	39,500	NONE	10.50	—	10.50
	CK3BA048	39,500	NONE	11.00	—	11.00
	CK5A/CK5BA042	39,500	NONE	10.50	—	10.50
	CK5A/CK5BW048	39,500	NONE	11.00	—	11.00
048-C	CD5AA048*	46,000	NONE	10.20	10.50	10.50
	CC5A/CD5AA060	46,000	NONE	10.20	10.50	10.50
	CC5A/CD5AC048	45,000	NONE	10.00	10.20	10.20
	CC5A/CD5AW048	46,000	NONE	10.20	10.50	10.50
	CC5A/CD5AW060	47,500	NONE	10.50	11.00	11.00
	CE3AA048	46,500	NONE	10.20	10.50	10.50
	CE3AA060	48,000	NONE	10.30	10.50	10.50
	CF5AA048	46,000	NONE	10.30	10.50	10.50
	CK5A/CK5BA048	46,000	NONE	10.20	10.50	10.50
	CK5A/CK5BA060	46,000	NONE	10.20	10.50	10.50
	CK5A/CK5BN048	44,500	NONE	10.20	10.50	10.50
	CK5A/CK5BN060	46,000	NONE	10.20	10.50	10.50
	CK5A/CK5BW048	46,000	NONE	10.20	10.50	10.50
	CK5A/CK5BX060	47,500	NONE	10.50	11.00	11.00
	CK3BA048	46,000	NONE	10.20	10.50	10.50
	CK3BA060	46,000	NONE	10.20	10.50	10.50
	F(A,B)4(A,B)N(F,B)048	46,500	TDR	10.50	—	10.50
	F(A,B)4(A,B)N(F,B)060	48,000	TDR	10.50	—	10.50

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‡
048-C	FB4(A,B)NB070	48,000	TDR	11.00	—	11.00
	FC4(B,C)N(FB)048	46,500	TDR & TXV	10.40	—	—
	FC4(B,C)N(FB)060	47,500	TDR & TXV	10.50	—	—
	FC4(B,C)NB054	48,000	TDR & TXV	11.00	—	—
	FC4(B,C)NB070	48,000	TDR & TXV	11.00	—	—
	FG3AAA048	46,000	NONE	10.00	10.50	10.50
	FG3AAA060	47,500	NONE	10.30	10.50	10.50
	FK4(C,D)NB006	48,000	TDR & TXV	11.50	—	—
	FK4(C,D)NF005	47,500	TDR & TXV	11.00	—	—
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE					
	CC5A/CD5AC048	45,500	TDR	10.5	10.5	9.5
	CD5AA048	45,500	TDR	10.5	10.5	9.55
	CE3AA048	45,500	TDR	10.5	10.5	9.55
	CE3AA060	46,500	TDR	11	11	9.85
	CK3BA048	45,500	TDR	10.5	10.5	9.6
	CK5A/CK5BA048	45,500	TDR	10.5	10.5	9.6
	CK5A/CK5BT048	45,500	TDR	10.5	10.5	9.6
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA060	46,000	TDR	11	11	9.75
	CC5A/CD5AC048	45,500	TDR	10.5	10.5	9.65
	CC5A/CD5AW048	45,500	TDR	10.5	10.5	9.7
	CD5AA048	45,500	TDR	10.5	10.5	9.7
	CE3AA048	45,500	TDR	10.5	10.5	9.75
	CE3AA060	46,500	TDR	11	11	10
	CK3BA048	45,500	TDR	10.5	10.5	9.75
	CK3BA060	46,500	TDR	11	11	9.95
	CK5A/CK5BA048	45,500	TDR	10.5	10.5	9.75
	CK5A/CK5BA060	46,500	TDR	11	11	9.95
	CK5A/CK5BT048	45,500	TDR	10.5	10.5	9.75
	CK5A/CK5BT060	46,500	TDR	11	11	9.95
	CK5A/CK5BW048	45,500	TDR	10.5	10.5	9.75
	CK5A/CK5BX060	47,000	TDR	11	11	10.2
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA060	46,000	TDR	11	11	9.75
	CC5A/CD5AC048	45,500	TDR	10.5	10.5	9.6
	CC5A/CD5AW048	45,500	TDR	10.5	10.5	9.7
	CC5A/CD5AW060	46,500	TDR	11	11	10
	CD5AA048	45,500	TDR	10.5	10.5	9.7
	CE3AA048	45,500	TDR	10.5	10.5	9.7
	CE3AA060	46,500	TDR	11	11	10
	CK3BA048	45,500	TDR	10.5	10.5	9.7
	CK3BA060	46,500	TDR	11	11	9.95
	CK5A/CK5BA048	45,500	TDR	10.5	10.5	9.7
	CK5A/CK5BA060	46,500	TDR	11	11	9.95
	CK5A/CK5BT048	45,500	TDR	10.5	10.5	9.7
	CK5A/CK5BT060	46,500	TDR	11	11	9.95
	CK5A/CK5BW048	45,500	TDR	10.5	10.5	9.7
	CK5A/CK5BX060	47,000	TDR	11	11	10.15
	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA060	46,000	TDR	11	11	9.8
	CC5A/CD5AC048	45,500	TDR	11	11	9.7
	CC5A/CD5AW048	45,500	TDR	11	11	9.75
	CC5A/CD5AW060	46,500	TDR	11	11	10.05
	CD5AA048	45,500	TDR	11	11	9.75
	CE3AA048	45,500	TDR	10.5	10.5	9.75
	CE3AA060	46,500	TDR	11	11	10.05
	CK3BA048	45,500	TDR	10.5	10.5	9.75
	CK3BA060	46,500	TDR	11	11	10
	CK5A/CK5BA048	45,500	TDR	10.5	10.5	9.75
	CK5A/CK5BA060	46,500	TDR	11	11	10
	CK5A/CK5BT048	45,500	TDR	10.5	10.5	9.75
	CK5A/CK5BT060	46,500	TDR	11	11	10
	CK5A/CK5BW048	45,500	TDR	10.5	10.5	9.75
	CK5A/CK5BX060	47,000	TDR	11	11	10.2
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE					
	CK3BA048	45,000	NONE	10.50	—	10.50
	CK3BA060	45,500	NONE	10.50	—	10.50
	CK5A/CK5BA048	45,000	NONE	10.50	—	10.50
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE					
	CK3BA060	45,500	NONE	10.50	—	10.50
	CK5A/CK5BA060	45,500	NONE	10.50	—	10.50
	CK5A/CK5BN060	45,500	NONE	10.50	—	10.50
	CK5A/CK5BX060	47,000	NONE	11.00	—	11.00
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE					
	CC5A/CD5AW060	46,500	NONE	11.00	—	11.00
	CK3BA048	45,000	NONE	10.50	—	10.50
	CK3BA060	45,500	NONE	11.00	—	11.00
	CK5A/CK5BA048	45,000	NONE	10.50	—	10.50
	CK5A/CK5BA060	45,500	NONE	11.00	—	11.00
	CK5A/CK5BX060	47,000	NONE	11.00	—	11.00
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE					
	CK3BA048	45,000	NONE	10.50	—	10.50
	CK3BA060	45,500	NONE	11.00	—	11.00
	CK5A/CK5BA060	45,500	NONE	11.00	—	11.00
	CK5A/CK5BW048	45,000	NONE	10.50	—	10.50
	CK5A/CK5BX060	47,000	NONE	11.00	—	11.00

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‡
060-C	CC5A/CD5AW060*	57,000	NONE	10.20	10.50	10.50
	CC5A/CD5AA060	54,500	NONE	10.00	10.20	10.20
	CE3AA060	57,500	NONE	10.20	10.50	10.50
	CK3BA060	54,500	NONE	10.00	10.20	10.20
	CK5A/CK5BA060	54,500	NONE	10.00	10.20	10.20
	CK5A/CK5BN060	54,500	NONE	10.00	10.20	10.20
	CK5A/CK5BX060	57,000	NONE	10.20	10.50	10.50
	F(A,B)4(A,B)N(F,B)060	57,500	TDR	10.00	—	10.00
	FB4(A,B)NB070	58,500	TDR	10.50	—	10.50
	FC4(B,C)NB070	58,500	TDR & TXV	10.50	—	—
	FC4(B,C)N(F,B)060	57,500	TDR & TXV	10.00	—	—
	FG3AAA060	56,500	NONE	10.20	10.50	10.50
	FK4(C,D)NB006	58,000	TDR & TXV	11.00	—	—
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA060	55,000	TDR	10.5	10.5	9
	CE3AA060	56,500	TDR	10.5	10.5	9.3
	CK3BA060	56,000	TDR	10.5	10.5	9.15
	CK5A/CK5BA060	56,000	TDR	10.5	10.5	9.15
	CK5A/CK5BT060	56,000	TDR	10.5	10.5	9.15
	CK5A/CK5BX060	56,500	TDR	10.5	10.5	9.4
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA060	55,000	TDR	10.5	10.5	9
	CC5A/CD5AW060	56,000	TDR	10.5	10.5	9.25
	CE3AA060	56,500	TDR	10.5	10.5	9.3
	CK3BA060	56,000	TDR	10.5	10.5	9.15
	CK5A/CK5BA060	56,000	TDR	10.5	10.5	9.15
	CK5A/CK5BT060	56,000	TDR	10.5	10.5	9.15
	CK5A/CK5BX060	56,500	TDR	10.5	10.5	9.4
	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE					
	CC5A/CD5AA060	55,000	TDR	10.5	10.5	9.1
	CC5A/CD5AW060	56,000	TDR	10.5	10.5	9.3
	CE3AA060	56,500	TDR	10.5	10.5	9.35
	CK3BA060	56,000	TDR	10.5	10.5	9.2
	CK5A/CK5BA060	56,000	TDR	10.5	10.5	9.2
	CK5A/CK5BT060	56,000	TDR	10.5	10.5	9.2
	CK5A/CK5BX060	56,500	TDR	10.5	10.5	9.45

* 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. Most Bryant furnaces are equipped with TDR.

‡ Based on computer simulation, TXV must be hard shutoff type.

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.

DETAILED COOLING CAPACITIES*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
593C018-C, D Outdoor Section With CC5A/CD5AA018 Indoor Section																
525	72	19.7	9.50	1.69	18.6	9.09	1.80	17.5	8.66	1.91	16.3	8.23	2.01	15.2	7.80	2.12
	67	17.9	11.8	1.65	16.8	11.4	1.75	15.8	10.9	1.85	14.7	10.5	1.94	13.6	10.0	2.04
	62	16.1	14.0	1.60	15.1	13.6	1.70	14.1	13.0	1.79	13.1	12.5	1.88	12.1	12.0	1.96
	57	15.0	15.0	1.58	14.3	14.3	1.68	13.5	13.5	1.77	12.8	12.8	1.86	12.0	12.0	1.95
600	72	20.1	9.89	1.73	19.0	9.47	1.84	17.8	9.03	1.95	16.6	8.60	2.06	15.4	8.17	2.16
	67	18.3	12.5	1.68	17.2	12.0	1.79	16.1	11.6	1.89	15.0	11.1	1.99	13.8	10.6	2.08
	62	16.5	14.9	1.64	15.5	14.4	1.74	14.4	13.8	1.83	13.4	13.2	1.92	12.4	12.4	2.01
	57	15.7	15.7	1.62	14.9	14.9	1.72	14.1	14.1	1.82	13.3	13.3	1.91	12.5	12.5	2.01
675	72	20.5	10.3	1.76	19.3	9.83	1.88	18.1	9.39	1.99	16.9	8.95	2.09	15.6	8.51	2.20
	67	18.6	13.1	1.72	17.5	12.6	1.83	16.3	12.2	1.93	15.2	11.7	2.03	14.0	11.2	2.13
	62	16.8	15.8	1.68	15.8	15.2	1.78	14.7	14.5	1.87	13.7	13.7	1.97	12.7	12.7	2.06
	57	16.2	16.2	1.67	15.4	15.4	1.77	14.6	14.6	1.87	13.7	13.7	1.97	12.9	12.9	2.06
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	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE											
		024	1.03	1.01	CC5A/CD5AA 018 1.00 0.91											
CC5A/CD5AA		024	1.03	1.01	CC5A/CD5AA 024 1.02 0.91											
CE3AA		024	1.05	1.01	CC5A/CD5AAW 024 1.02 0.91											
CF5AA		024	1.05	1.01	CE3AA 024 1.02 0.91											
CK3BA		024	1.03	1.01	CK3BA 024 1.02 0.89											
CK5A/CK5BA		018	1.00	1.01	CK5A/CK5BA		018	1.00	0.89							
		024	1.03	1.01			024	1.02	0.89							
CK5A/CK5BW		024	1.03	1.01	CK5A/CK5BW		024	1.02	0.89							
F(A,B)4(A,B)NF		018	0.99	1.00	COILS + 355MAV042040 VARIABLE-SPEED FURNACE											
		024	1.05	1.02	CC5A/CD5AA 018		1.02	0.93								
FC4(B,C)NF		024	1.05	1.02	COILS + 355MAV042060 VARIABLE-SPEED FURNACE											
FF1DNA		018	0.99	1.00	CC5A/CD5AA 018		1.02	0.93								
		024	1.05	1.02	CK5A/CK5BW 024		1.02	0.94								
FG3AA		024	1.02	1.01	CK3BA 024		1.02	0.94								
FK4(C,D)NF		001	1.05	0.94	COILS + 355MAV042080 VARIABLE-SPEED FURNACE											
		002	1.05	0.94	CC5A/CD5AA 018		1.02	0.93								
		—	—	—	CK3BA 024		1.02	0.94								
		—	—	—	CK5A/CK5BW 024		1.02	0.94								

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F															
		85			95			105			115			125			
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
593C024-C, D Outdoor Section With CC5A/CD5AA024 Indoor Section																	
700	72	26.3	12.9	2.34	24.8	12.3	2.49	23.3	11.8	2.62	21.8	11.2	2.75	20.3	10.7	2.88	
	67	24.0	16.2	2.27	22.6	15.6	2.40	21.2	15.0	2.53	19.8	14.4	2.65	18.3	13.8	2.77	
	62	21.7	19.3	2.20	20.4	18.7	2.32	19.1	18.0	2.43	17.8	17.3	2.54	16.5	16.5	2.66	
	57	20.5	20.5	2.17	19.5	19.5	2.28	18.5	18.5	2.41	17.5	17.5	2.53	16.5	16.5	2.65	
800	72	26.8	13.4	2.40	25.3	12.9	2.54	23.8	12.3	2.68	22.2	11.8	2.82	20.6	11.2	2.94	
	67	24.5	17.1	2.33	23.0	16.5	2.46	21.6	15.9	2.59	20.1	15.4	2.71	18.6	14.8	2.82	
	62	22.2	20.6	2.26	20.9	19.9	2.38	19.5	19.1	2.49	18.2	18.2	2.61	17.1	17.1	2.73	
	57	21.4	21.4	2.23	20.3	20.3	2.36	19.3	19.3	2.48	18.2	18.2	2.61	17.1	17.1	2.73	
900	72	27.4	14.4	2.50	25.9	13.9	2.65	24.3	13.3	2.79	22.7	12.8	2.93	21.0	12.2	3.06	
	67	25.1	18.9	2.43	23.6	18.3	2.57	22.1	17.7	2.70	20.5	17.1	2.81	18.9	16.4	2.93	
	62	23.0	22.7	2.37	21.7	21.6	2.50	20.4	20.4	2.63	19.2	19.2	2.75	18.0	18.0	2.88	
	57	22.7	22.7	2.36	21.6	21.6	2.49	20.4	20.4	2.62	19.2	19.2	2.75	18.0	18.0	2.88	
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		CC5A/CD5AW	024	0.99										
		030	1.00			030	1.00										
CC5A/CD5AW		024	1.00		CE3AA	024	0.99										
		030	1.00			030	1.00										
CE3AA		024	1.01		CK3BA	024	0.99										
		030	1.02			030	1.00										
CF5AA		024	1.00		CK5A/CK5BA	024	0.99										
CK3BA		024	1.00			030	1.00										
		030	1.00		CK5A/CK5BW	024	0.99										
CK5A/CK5BA		024	1.00			030	1.00										
		030	1.00		COILS + 355MAV042040 VARIABLE-SPEED FURNACE												
CK5A/CK5BW		024	1.00		CC5A/CD5AA	024	0.98										
		030	1.00			024	0.98										
F(A,B)4(A,B)NF		024	1.00		CK3BA	024	0.98										
		030	1.01			030	1.01										
FC4(B,C)NF		024	1.00		CK5A/CK5BW	030	1.01										
		030	1.02			COILS + 355MAV042060 VARIABLE-SPEED FURNACE											
FF1DNA		024	1.00		CK3BA	024	0.98										
		030	1.02			030	1.01										
FG3AAA		024	0.97		CK5A/CK5BW	024	0.98										
FK4(C,D)NF		001	1.04			030	1.01										
		002	1.04		COILS + 355MAV042080 VARIABLE-SPEED FURNACE												
		003	1.04		093	COILS + 355MAV042080 VARIABLE-SPEED FURNACE											
COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE					CK3BA	024	0.98										
CC5A/CD5AA		024	0.99			030	1.01										
		030	1.00		CK5A/CK5BW	024	0.98										
		—		—		030	1.01										

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
593C030-C, D Outdoor Section With CC5A/CD5AA030 Indoor Section																
875	72	32.6	15.9	2.90	30.8	15.2	3.11	29.0	14.6	3.30	27.2	13.9	3.49	25.3	13.2	3.67
	67	29.7	20.0	2.83	28.1	19.3	3.01	26.4	18.5	3.19	24.6	17.8	3.35	22.9	17.2	3.52
	62	26.9	23.9	2.74	25.3	23.1	2.90	23.7	22.3	3.07	22.2	21.4	3.22	20.7	20.5	3.37
	57	25.4	25.4	2.69	24.2	24.2	2.86	23.0	23.0	3.03	21.8	21.8	3.20	20.5	20.5	3.37
1000	72	33.2	16.6	2.97	31.4	15.9	3.18	29.5	15.2	3.37	27.6	14.5	3.57	25.6	13.8	3.74
	67	30.4	21.2	2.89	28.6	20.4	3.08	26.8	19.7	3.26	25.0	19.0	3.43	23.3	18.3	3.60
	62	27.5	25.4	2.81	25.9	24.6	2.98	24.3	23.6	3.14	22.7	22.6	3.30	21.3	21.3	3.47
	57	26.5	26.5	2.77	25.2	25.2	2.95	23.9	23.9	3.13	22.6	22.6	3.30	21.3	21.3	3.47
1125	72	33.7	17.2	3.03	31.8	16.5	3.24	29.8	15.8	3.44	27.8	15.1	3.63	25.9	14.4	3.82
	67	30.8	22.3	2.95	29.0	21.5	3.15	27.2	20.8	3.33	25.3	20.1	3.50	23.5	19.3	3.67
	62	28.0	26.8	2.87	26.3	25.8	3.04	24.7	24.7	3.21	23.3	23.3	3.39	21.9	21.9	3.56
	57	27.4	27.4	2.85	26.0	26.0	3.03	24.7	24.7	3.21	23.3	23.3	3.39	21.9	21.9	3.57
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	030	1.00	1.00	CE3AA	030	1.00	0.92									
	036	1.01	1.01		036	1.02	0.93									
CC5A/CD5AW	030	1.00	1.00	CK3BA	030	1.00	0.93									
CD5AW	036	1.01	1.01		036	1.04	0.93									
CE3AA	030	0.99	1.00	CK5A/CK5BA	030	1.00	0.93									
	036	1.01	1.01		036	1.04	0.93									
CF5AA	036	1.01	1.01	CK5A/CK5BW	030	1.00	0.93									
CK3BA	030	1.00	1.00		036	1.04	0.93									
	036	1.01	1.01	COILS + 355MAV042040 VARIABLE-SPEED FURNACE												
CK5A/CK5BA	030	1.00	1.00	CC5A/CD5AA	030	1.01	0.95									
	036	1.01	1.01		030	1.01	0.97									
CK5A/CK5BN	036	0.94	1.01	CK3BA	036	1.01	0.97									
CK5A/CK5BW	030	1.00	1.00		036	1.01	0.97									
	036	1.01	1.01	CK5A/CK5BW	030	1.01	0.97									
F(A,B)4(A,B)NF	030	0.99	1.00	COILS + 355MAV042060 VARIABLE-SPEED FURNACE												
	036	1.01	1.02	CC5A/CD5AA	030	1.01	0.95									
FC4(B,C)NF	030	0.99	1.00	CK3BA	030	1.01	0.97									
	036	1.01	1.02		036	1.01	0.98									
FF1DNA	030	0.99	1.01	CK5A/CK5BA	036	1.01	0.98									
FG3AAA	036	1.01	1.00	CK5A/CK5BN	036	0.94	0.98									
FK4(C,D)NF	001	1.03	0.97	CK5A/CK5BW	030	1.01	0.97									
	002	1.03	0.97	COILS + 355MAV042080 VARIABLE-SPEED FURNACE												
	003	1.03	0.97	CC5A/CD5AA	030	1.01	0.95									
	005	1.05	0.94	CK3BA	030	1.01	0.97									
COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE					036	1.01	0.97									
CC5A/CD5AA	030	1.00	0.94	CK5A/CK5BW	030	1.01	0.97									
	036	1.04	0.95		036	1.01	0.97									
CC5A/CD5AW	030	1.00	0.94	COILS + 355MAV060080 VARIABLE-SPEED FURNACE												
CE3AA	030	1.00	0.93	CK3BA	030	1.01	0.97									
	036	1.02	0.95		036	1.01	0.98									
CK3BA	030	1.00	0.94	CK5A/CK5BW	030	1.01	0.97									
	036	1.04	0.94		036	1.01	0.98									
CK5A/CK5BA	030	1.00	0.94	COILS + 355MAV060100 VARIABLE-SPEED FURNACE												
	036	1.04	0.94	CC5A/CD5AA	030	1.01	0.95									
CK5A/CK5BT	036	1.04	0.94	CK3BA	030	1.01	0.95									
CK5A/CK5BW	030	1.00	0.94		036	1.01	0.96									
COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE				CK5A/CK5BW	030	1.01	0.95									
CC5A/CD5AA	030	1.00	0.93		036	1.01	0.96									
	036	1.04	0.93	COILS + 355MAV060120 VARIABLE-SPEED FURNACE												
CC5A/CD5AW	030	1.00	0.93	CK3BA	030	1.01	0.95									
	036	1.04	0.93		036	1.01	0.96									
		—	—	CK5A/CK5BW		036	1.01	0.96								

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
593C036-C, D Outdoor Section With CC5A/CD5AA036 Indoor Section																
1050	72	39.6	19.6	3.42	37.4	18.8	3.65	35.2	18.0	3.88	32.9	17.2	4.08	30.5	16.4	4.28
	67	36.0	24.9	3.32	34.0	24.0	3.54	31.9	23.2	3.75	29.8	22.3	3.94	27.7	21.5	4.12
	62	32.7	29.8	3.23	30.7	28.9	3.43	28.8	27.8	3.62	27.0	26.7	3.79	25.3	25.3	3.98
	57	31.3	31.3	3.19	29.8	29.8	3.39	28.3	28.3	3.59	26.8	26.8	3.79	25.3	25.3	3.98
1200	72	40.3	20.5	3.49	38.1	19.7	3.73	35.8	18.9	3.96	33.3	18.1	4.17	31.0	17.3	4.38
	67	36.7	26.4	3.40	34.6	25.5	3.62	32.4	24.7	3.83	30.3	23.9	4.03	28.1	23.0	4.21
	62	33.4	31.8	3.31	31.4	30.7	3.51	29.5	29.4	3.71	27.8	27.8	3.90	26.2	26.2	4.10
	57	32.6	32.6	3.29	31.1	31.1	3.50	29.5	29.5	3.71	27.8	27.8	3.90	26.2	26.2	4.10
1350	72	40.8	21.4	3.56	38.5	20.6	3.80	36.1	19.7	4.03	33.6	18.9	4.25	31.4	18.1	4.47
	67	37.2	27.9	3.47	35.0	27.0	3.69	32.8	26.1	3.91	30.6	25.3	4.11	28.3	24.3	4.29
	62	34.0	33.5	3.38	32.1	32.1	3.59	30.4	30.4	3.80	28.6	28.6	4.00	26.9	26.9	4.20
	57	33.7	33.7	3.38	32.1	32.1	3.59	30.4	30.4	3.80	28.6	28.6	4.00	26.9	26.9	4.21
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	CK5A/CK5BE	042	0.99	0.91								
		042	1.00	1.00		036	0.99	0.92								
CC5A/CD5AW		042	1.00	1.00	CK5A/CK5BT	042	0.99	0.92								
CD5AW		036	1.00	1.00		036	0.99	0.92								
CE3AA		036	0.99	1.00	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE											
		042	1.00	1.00	CC5A/CD5AA	036	0.99	0.92								
CF5AA		036	1.00	1.00		CC5A/CD5AW	042	0.99	0.91							
CK3BA		036	1.00	1.00	036		0.99	0.92								
		042	1.00	1.00	042	0.99	0.91									
CK5A/CK5BA		036	1.00	1.00	CE3AA	036	0.98	0.91								
		042	1.00	1.00		042	0.99	0.91								
CK5A/CK5BN		036	0.92	0.97	CK3BA	036	0.99	0.92								
		042	0.97	1.00		042	0.99	0.91								
CK5A/CK5BW		036	1.00	1.00	CK5A/CK5BA	036	0.99	0.92								
F(A,B)4(A,B)NF		036	0.98	1.01		042	0.99	0.91								
F(A,B)4(A,B)N(F,B)		042	1.01	1.01	CK5A/CK5BT	036	0.99	0.92								
FC4(B,C)NF		036	0.98	1.01		042	0.99	0.91								
FC4(B,C)N(F,B)		042	1.01	1.01	CK5A/CK5BW	036	0.99	0.92								
FG3AAA		036	0.98	0.99	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE											
FK4(C,D)NB		005	1.02	0.95	CC5A/CD5AA	042	0.99	0.91								
		006	1.02	0.95	CC5A/CD5AW	036	0.99	0.92								
FK4(C,D)NF		001	1.00	0.98	CE3AA	042	0.99	0.91								
		002	1.00	0.98		036	0.98	0.92								
		003	1.01	0.94	042	0.99	0.91									
		005	1.02	0.93	CK3BA	042	0.99	0.91								
COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE					CK5A/CK5BA	042	0.99	0.91								
CC5A/CD5AA		036	0.99	0.94	CK5A/CK5BW	036	0.99	0.92								
CE3AA		036	0.98	0.93	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE											
		042	0.99	0.93	CC5A/CD5AA	042	0.99	0.90								
CK3BA		036	0.99	0.94	CC5A/CD5AW	036	0.99	0.92								
CK5A/CK5BA		036	0.99	0.94	CE3AA	042	0.99	0.91								
CK5A/CK5BE		042	0.99	0.93		036	0.98	0.91								
CK5A/CK5BT		036	0.99	0.94		042	0.99	0.91								
COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE					CK3BA	042	0.99	0.91								
CC5A/CD5AA		036	0.99	0.92	CK5A/CK5BA	042	0.99	0.91								
		042	0.99	0.91	CK5A/CK5BT	042	0.99	0.91								
CC5A/CD5AW		036	0.99	0.92	CK5A/CK5BW	036	0.99	0.92								
CE3AA		036	0.98	0.92	COILS + 355MAV042040 VARIABLE-SPEED FURNACE											
		042	0.99	0.92	CC5A/CD5AA	036	1.00	0.92								
CK3BA		036	0.99	0.92	CK3BA	036	0.98	0.94								
		042	0.99	0.92		042	0.98	0.93								
CK5A/CK5BA		036	0.99	0.92	CK5A/CK5BA	042	0.98	0.93								
		042	0.99	0.92	CK5A/CK5BW	036	0.98	0.94								

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
593C036-C, D Outdoor Section With CC5A/CD5AA036 Indoor Section Continued																
1050	72	39.6	19.6	3.42	37.4	18.8	3.65	35.2	18.0	3.88	32.9	17.2	4.08	30.5	16.4	4.28
	67	36.0	24.9	3.32	34.0	24.0	3.54	31.9	23.2	3.75	29.8	22.3	3.94	27.7	21.5	4.12
	62	32.7	29.8	3.23	30.7	28.9	3.43	28.8	27.8	3.62	27.0	26.7	3.79	25.3	25.3	3.98
	57	31.3	31.3	3.19	29.8	29.8	3.39	28.3	28.3	3.59	26.8	26.8	3.79	25.3	25.3	3.98
1200	72	40.3	20.5	3.49	38.1	19.7	3.73	35.8	18.9	3.96	33.3	18.1	4.17	31.0	17.3	4.38
	67	36.7	26.4	3.40	34.6	25.5	3.62	32.4	24.7	3.83	30.3	23.9	4.03	28.1	23.0	4.21
	62	33.4	31.8	3.31	31.4	30.7	3.51	29.5	29.4	3.71	27.8	27.8	3.90	26.2	26.2	4.10
	57	32.6	32.6	3.29	31.1	31.1	3.50	29.5	29.5	3.71	27.8	27.8	3.90	26.2	26.2	4.10
1350	72	40.8	21.4	3.56	38.5	20.6	3.80	36.1	19.7	4.03	33.6	18.9	4.25	31.4	18.1	4.47
	67	37.2	27.9	3.47	35.0	27.0	3.69	32.8	26.1	3.91	30.6	25.3	4.11	28.3	24.3	4.29
	62	34.0	33.5	3.38	32.1	32.1	3.59	30.4	30.4	3.80	28.6	28.6	4.00	26.9	26.9	4.20
	57	33.7	33.7	3.38	32.1	32.1	3.59	30.4	30.4	3.80	28.6	28.6	4.00	26.9	26.9	4.21
Multipliers for Determining the Performance With Other Indoor Sections																
Indoor Section		Unit Size	Cooling		Indoor Section	Unit Size	Cooling									
			Capacity	Power			Capacity	Power								
COILS + 355MAV042060 VARIABLE-SPEED FURNACE					CK5A/CK5BA	042	0.98	0.94								
CC5A/CD5AA		036	1.00	0.92	CK5A/CK5BW	036	0.98	0.94								
CK3BA		036	0.98	0.94	COILS + 355MAV060100 VARIABLE-SPEED FURNACE											
		042	0.98	0.94	CC5A/CD5AA	036	1.00	0.92								
CK5A/CK5BA		036	0.98	0.94	CK3BA	036	0.98	0.92								
CK5A/CK5BN		042	0.95	0.94		042	0.98	0.92								
COILS + 355MAV042080 VARIABLE-SPEED FURNACE					CK5A/CK5BA	042	0.98	0.92								
CC5A/CD5AA		036	1.00	0.92	CK5A/CK5BW	036	0.98	0.92								
CK3BA		036	0.98	0.93	COILS + 355MAV060120 VARIABLE-SPEED FURNACE											
		042	0.98	0.93	CK3BA	036	0.98	0.93								
CK5A/CK5BA		042	0.98	0.93		042	0.98	0.92								
CK5A/CK5BW		036	0.98	0.93	CK5A/CK5BA	042	0.98	0.92								
COILS + 355MAV060080 VARIABLE-SPEED FURNACE					CK5A/CK5BW	036	0.98	0.93								
CK3BA		036	0.98	0.94		—	—	—								
		042	0.98	0.94												

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F															
		85			95			105			115			125			
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
593C042-C, D Outdoor Section With CC5A/CD5AA042 Indoor Section																	
1225	72	45.2	22.4	4.01	42.6	21.4	4.25	40.1	20.5	4.48	37.6	19.6	4.72	35.1	18.7	4.95	
	67	41.2	28.3	3.89	38.8	27.4	4.11	36.6	26.4	4.33	34.3	25.5	4.55	32.0	24.6	4.77	
	62	37.4	34.0	3.77	35.3	32.9	3.97	33.2	31.8	4.18	31.1	30.6	4.39	29.1	29.1	4.60	
	57	35.9	35.9	3.72	34.2	34.2	3.93	32.5	32.5	4.15	30.8	30.8	4.38	29.1	29.1	4.59	
1400	72	46.0	23.4	4.10	43.3	22.4	4.34	40.6	21.4	4.57	38.1	20.6	4.82	35.5	19.7	5.05	
	67	42.0	30.1	3.98	39.5	29.1	4.20	37.1	28.1	4.43	34.8	27.2	4.65	32.4	26.3	4.87	
	62	38.2	36.2	3.86	36.1	35.0	4.08	34.0	33.7	4.30	31.9	31.9	4.51	30.1	30.1	4.74	
	57	37.3	37.3	3.83	35.5	35.5	4.05	33.7	33.7	4.28	31.9	31.9	4.51	30.1	30.1	4.73	
1575	72	46.5	24.3	4.19	43.8	23.3	4.43	41.2	22.4	4.67	38.4	21.4	4.90	35.8	20.6	5.14	
	67	42.5	31.7	4.06	40.0	30.7	4.29	37.5	29.7	4.52	35.1	28.8	4.74	32.6	27.8	4.96	
	62	38.9	38.1	3.95	36.7	36.6	4.17	34.8	34.8	4.40	32.8	32.8	4.63	30.9	30.9	4.86	
	57	38.5	38.5	3.94	36.6	36.6	4.16	34.7	34.7	4.40	32.8	32.8	4.63	30.9	30.9	4.85	
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		CD5AA		048	1.00									
CC5A/CD5AC		048	0.99		CE3AA		042	0.99									
CC5A/CD5AW		042	1.00		CK3BA		048	1.00									
		048	1.01				042	0.99									
CE3AA		042	1.00		CK5A/CK5BA		048	1.00									
		048	1.00				042	0.99									
CF5AA		048	1.01		CK5A/CK5BT		048	1.00									
CK3BA		042	1.00				042	0.99									
		048	1.01				048	1.00									
CK5A/CK5BA		042	1.00		CK5A/CK5BW		048	1.00									
		048	1.01		COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE												
CK5A/CK5BN		042	0.97		CC5A/CD5AA		042	0.99									
		048	0.99		CC5A/CD5AC		048	0.98									
CK5A/CK5BW		048	1.01		CC5A/CD5AW		042	0.99									
F(A,B)4(A,B)N(F,B)		042	1.00		CD5AA		048	1.00									
		048	1.03				042	0.93									
FC4(B,C)N(F,B)		042	1.00		CE3AA		042	0.99									
		048	1.03				048	1.00									
FG3AAA		048	0.10		CK3BA		042	0.99									
FK4(C,D)NF		003	1.01		CK5A/CK5BA		048	1.00									
		005	1.04				042	0.99									
FK4(C,D)NB		006	1.05				048	1.00									
COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE					CK5A/CK5BT		042	0.99									
CC5A/CD5AA		042	0.99				048	1.00									
CC5A/CD5AC		048	0.98		CK5A/CK5BW		048	1.00									
CD5AA		048	1.00		COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE												
CE3AA		042	0.99		CC5A/CD5AA		042	0.99									
		048	1.00		CC5A/CD5AC		048	0.98									
CK3BA		042	0.99		CC5A/CD5AW		042	0.99									
		048	1.00				048	1.00									
CK5A/CK5BA		042	0.99		CD5AA		048	1.00									
		048	1.00		CE3AA		042	0.99									
CK5A/CK5BE		042	0.99				048	1.00									
CK5A/CK5BT		042	0.99		CK3BA		042	0.99									
		048	1.00				048	1.00									
COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE					CK5A/CK5BA		042	0.99									
CC5A/CD5AA		042	0.99				048	1.00									
CC5A/CD5AC		048	0.98		CK5A/CK5BT		042	0.99									
CC5A/CD5AW		042	0.99				048	1.00									
		048	1.00		CK5A/CK5BW		048	1.00									

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
593C042-C, D Outdoor Section With CC5A/CD5AA042 Indoor Section continued																
1225	72	45.2	22.4	4.01	42.6	21.4	4.25	40.1	20.5	4.48	37.6	19.6	4.72	35.1	18.7	4.95
	67	41.2	28.3	3.89	38.8	27.4	4.11	36.6	26.4	4.33	34.3	25.5	4.55	32.0	24.6	4.77
	62	37.4	34.0	3.77	35.3	32.9	3.97	33.2	31.8	4.18	31.1	30.6	4.39	29.1	29.1	4.60
	57	35.9	35.9	3.72	34.2	34.2	3.93	32.5	32.5	4.15	30.8	30.8	4.38	29.1	29.1	4.59
1400	72	46.0	23.4	4.10	43.3	22.4	4.34	40.6	21.4	4.57	38.1	20.6	4.82	35.5	19.7	5.05
	67	42.0	30.1	3.98	39.5	29.1	4.20	37.1	28.1	4.43	34.8	27.2	4.65	32.4	26.3	4.87
	62	38.2	36.2	3.86	36.1	35.0	4.08	34.0	33.7	4.30	31.9	31.9	4.51	30.1	30.1	4.74
	57	37.3	37.3	3.83	35.5	35.5	4.05	33.7	33.7	4.28	31.9	31.9	4.51	30.1	30.1	4.73
1575	72	46.5	24.3	4.19	43.8	23.3	4.43	41.2	22.4	4.67	38.4	21.4	4.90	35.8	20.6	5.14
	67	42.5	31.7	4.06	40.0	30.7	4.29	37.5	29.7	4.52	35.1	28.8	4.74	32.6	27.8	4.96
	62	38.9	38.1	3.95	36.7	36.6	4.17	34.8	34.8	4.40	32.8	32.8	4.63	30.9	30.9	4.86
	57	38.5	38.5	3.94	36.6	36.6	4.16	34.7	34.7	4.40	32.8	32.8	4.63	30.9	30.9	4.85
Multipliers for Determining the Performance With Other Indoor Sections																
Indoor Section		Unit Size	Cooling		Indoor Section	Unit Size	Cooling									
			Capacity	Power			Capacity	Power								
COILS + 355MAV042060 VARIABLE-SPEED FURNACE					CK5A/CK5BA	042	1.00	0.96								
CK3BA		042	1.00	0.96		048	1.00	0.96								
CK5A/CK5BN		042	0.97	0.96	COILS + 355MAV060100 VARIABLE-SPEED FURNACE											
COILS + 355MAV042080 VARIABLE-SPEED FURNACE					CC5A/CD5AA	042	1.01	0.93								
CC5A/CD5AA		042	1.01	0.93	CK3BA	042	1.00	0.94								
CK3BA		042	1.00	0.95		048	1.00	0.94								
		048	1.00	0.95	CK5A/CK5BA	042	1.00	0.94								
CK5A/CK5BA		042	1.00	0.95		048	1.00	0.94								
		048	1.00	0.95	COILS + 355MAV060120 VARIABLE-SPEED FURNACE											
COILS + 355MAV060080 VARIABLE-SPEED FURNACE					CC5A/CD5AA	042	1.00	0.94								
CK3BA		042	1.00	0.96	CK3BA	042	1.00	0.94								
		048	1.00	0.96		048	1.00	0.94								
				—	—	—	CK5A/CK5BW	048	1.00	0.94						

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85		95		105		115		125						
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
593C048-C Outdoor Section With CC5A/CD5AA048 Indoor Section																
1450	72	54.9	27.0	4.53	52.6	26.2	4.93	50.1	25.3	5.37	47.5	24.3	5.85	44.8	23.4	6.36
	67	50.1	34.1	4.42	47.9	33.2	4.81	45.7	32.3	5.25	43.3	31.3	5.72	40.8	30.3	6.22
	62	45.6	41.0	4.33	43.6	40.0	4.72	41.5	39.0	5.14	39.3	37.8	5.60	37.1	36.5	6.09
	57	43.5	43.5	4.29	41.9	41.9	4.68	40.3	40.3	5.11	38.6	38.6	5.58	36.8	36.8	6.07
1600	72	55.6	27.9	4.61	53.2	27.0	5.01	50.7	26.1	5.44	48.1	25.2	5.92	45.3	24.2	6.44
	67	50.8	35.6	4.50	48.6	34.7	4.89	46.2	33.7	5.32	43.8	32.8	5.80	41.2	31.8	6.29
	62	46.3	42.9	4.40	44.2	41.9	4.79	42.1	40.7	5.22	39.9	39.4	5.68	37.7	37.7	6.17
	57	44.7	44.7	4.37	43.1	43.1	4.76	41.4	41.4	5.20	39.6	39.6	5.67	37.7	37.7	6.17
1750	72	56.2	28.7	4.69	53.8	27.8	5.08	51.2	26.9	5.52	48.5	25.9	6.00	45.7	24.9	6.51
	67	51.4	37.0	4.57	49.1	36.1	4.96	46.7	35.1	5.40	44.2	34.2	5.87	41.6	33.1	6.37
	62	46.8	44.7	4.47	44.7	43.5	4.86	42.6	42.2	5.29	40.5	40.5	5.76	38.5	38.5	6.26
	57	45.8	45.8	4.45	44.1	44.1	4.85	42.3	42.3	5.28	40.4	40.4	5.76	38.5	38.5	6.26
Multipliers for Determining the Performance With Other Indoor Sections																
Indoor Section		Unit Size	Cooling		Indoor Section	Unit Size	Cooling									
			Capacity	Power												
CC5A/CD5AA		060	1.00	1.00	CK3BA	048	0.98	0.93								
CC5A/CD5AC		048	0.98	0.99		060	1.00	0.93								
CC5A/CD5AW		048	1.00	1.00	CK5A/CK5BA	048	0.98	0.93								
		060	1.03	1.01		060	1.00	0.93								
CD5AA		048	1.00	1.00	CK5A/CK5BT	048	0.98	0.93								
CE3AA		048	1.01	1.00		060	1.00	0.93								
		060	1.04	1.02	CK5A/CK5BW	048	0.98	0.93								
CF5AA		048	1.00	0.99	CK5A/CK5BX	060	1.01	0.92								
CK3BA		048	1.00	1.00	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE											
		060	1.00	1.01	CC5A/CD5AA	060	0.99	0.94								
CK5A/CK5BA		048	1.00	1.00	CC5A/CD5AC	048	0.98	0.94								
		060	1.00	1.01	CC5A/CD5AW	048	0.98	0.93								
CK5A/CK5BN		048	0.97	0.98		060	1.00	0.93								
		060	1.00	1.01	CD5AA	048	0.98	0.93								
CK5A/CK5BW		048	1.00	1.00	CE3AA	048	0.98	0.93								
CK5A/CK5BX		060	1.03	1.01		060	1.00	0.93								
F(A,B)4A(A,B)N(F,B)		048	1.01	1.02	CK3BA	048	0.98	0.93								
		060	1.04	1.05		060	1.00	0.93								
FB4(A,B)NB		070	1.04	1.02	CK5A/CK5BA	048	0.98	0.93								
FC4(B,C)N(F,B)		048	1.01	1.02		060	1.00	0.93								
		060	1.03	1.04	CK5A/CK5BT	048	0.98	0.93								
FC4(B,C)NB		054	1.04	1.02		060	1.00	0.93								
		070	1.04	1.02	CK5A/CK5BW	048	0.98	0.93								
FG3AAA		048	1.00	1.00	CK5A/CK5BX	060	1.01	0.92								
		060	1.03	1.01	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE											
FK4(C,D)NB		006	1.04	0.95	CC5A/CD5AA	060	0.99	0.93								
FK4(C,D)NF		005	1.03	0.96	CC5A/CD5AC	048	0.98	0.93								
COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE					CC5A/CD5AW	048	0.98	0.93								
CC5A/CD5AC		048	0.98	0.95		060	1.00	0.92								
CD5AA		048	0.98	0.95	CD5AA	048	0.98	0.93								
CE3AA		048	0.98	0.95	CE3AA	048	0.98	0.93								
		060	1.00	0.94		060	1.00	0.92								
CK3BA		048	0.98	0.95	CK3BA	048	0.98	0.93								
CK5A/CK5BA		048	0.98	0.95		060	1.00	0.92								
CK5A/CK5BT		048	0.98	0.95	CK5A/CK5BA	048	0.98	0.93								
COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE						060	1.00	0.92								
CC5A/CD5AA		060	0.99	0.94	CK5A/CK5BT	048	0.98	0.93								
CC5A/CD5AC		048	0.98	0.94		060	1.00	0.92								
CC5A/CD5AW		048	0.98	0.93	CK5A/CK5BW	048	0.98	0.93								
CD5AA		048	0.98	0.93	CK5A/CK5BX	060	1.01	0.92								
CE3AA		048	0.98	0.93		—	—	—								
		060	1.00	0.92												

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
593C048-C Outdoor Section With CC5A/CD5AA048 Indoor Section continued																
1450	72	54.9	27.0	4.53	52.6	26.2	4.93	50.1	25.3	5.37	47.5	24.3	5.85	44.8	23.4	6.36
	67	50.1	34.1	4.42	47.9	33.2	4.81	45.7	32.3	5.25	43.3	31.3	5.72	40.8	30.3	6.22
	62	45.6	41.0	4.33	43.6	40.0	4.72	41.5	39.0	5.14	39.3	37.8	5.60	37.1	36.5	6.09
	57	43.5	43.5	4.29	41.9	41.9	4.68	40.3	40.3	5.11	38.6	38.6	5.58	36.8	36.8	6.07
1600	72	55.6	27.9	4.61	53.2	27.0	5.01	50.7	26.1	5.44	48.1	25.2	5.92	45.3	24.2	6.44
	67	50.8	35.6	4.50	48.6	34.7	4.89	46.2	33.7	5.32	43.8	32.8	5.80	41.2	31.8	6.29
	62	46.3	42.9	4.40	44.2	41.9	4.79	42.1	40.7	5.22	39.9	39.4	5.68	37.7	37.7	6.17
	57	44.7	44.7	4.37	43.1	43.1	4.76	41.4	41.4	5.20	39.6	39.6	5.67	37.7	37.7	6.17
1750	72	56.2	28.7	4.69	53.8	27.8	5.08	51.2	26.9	5.52	48.5	25.9	6.00	45.7	24.9	6.51
	67	51.4	37.0	4.57	49.1	36.1	4.96	46.7	35.1	5.40	44.2	34.2	5.87	41.6	33.1	6.37
	62	46.8	44.7	4.47	44.7	43.5	4.86	42.6	42.2	5.29	40.5	40.5	5.76	38.5	38.5	6.26
	57	45.8	45.8	4.45	44.1	44.1	4.85	42.3	42.3	5.28	40.4	40.4	5.76	38.5	38.5	6.26
Multipliers for Determining the Performance With Other Indoor Sections																
Indoor Section		Unit Size	Cooling				Indoor Section	Unit Size	Cooling							
			Capacity	Power					Capacity	Power						
COILS + 355MAV042080 VARIABLE-SPEED FURNACE							CJ5A/CK5AA	048	0.98	0.98						
CK3BA		048	0.98	0.97	CK3BA	060		0.99	0.96							
		060	0.99	0.98		048	0.98	0.98								
CK5A/CK5BA		048	0.98	0.97		060	0.99	0.96								
COILS + 355MAV060080 VARIABLE-SPEED FURNACE							CK5A/CK5BN	060	0.99	0.96						
CK3BA		060	0.99	0.98	CK5A/CK5BX	060	1.02	0.97								
CK5A/CK5BA		060	0.99	0.98	COILS + 355MAV060120 VARIABLE-SPEED FURNACE											
CK5A/CK5BN		060	0.99	0.98	CK3BA	048	0.98	0.96								
CK5A/CK5BX		060	1.02	0.98		060	0.99	0.96								
COILS + 355MAV060100 VARIABLE-SPEED FURNACE							CK5A/CK5BA	060	0.99	0.96						
CC5A/CD5AW		060	1.01	0.95	CK5A/CK5BW	048	0.98	0.96								
		—	—	—	CK5A/CK5BX	060	1.02	0.96								

See notes on page 24.

DETAILED COOLING CAPACITIES* Continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F															
		85			95			105			115			125			
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
593C060-C Outdoor Section With CC5A/CD5AW060 Indoor Section																	
1750	72	66.9	33.0	5.85	63.9	31.9	6.39	60.7	30.7	6.97	57.3	29.5	7.61	53.8	28.2	8.29	
	67	61.1	41.8	5.70	58.3	40.6	6.23	55.4	39.4	6.80	52.3	38.1	7.43	48.9	36.8	8.09	
	62	55.7	50.3	5.56	53.1	49.0	6.08	50.4	47.6	6.65	47.5	46.0	7.25	44.0	43.8	7.86	
	57	53.2	53.2	5.50	51.3	51.3	6.03	49.1	49.1	6.61	46.7	46.7	7.22	43.8	43.8	7.86	
2000	72	68.1	34.5	5.98	64.9	33.3	6.52	61.6	32.1	7.11	58.1	30.9	7.74	54.4	29.6	8.43	
	67	62.3	44.2	5.82	59.3	43.0	6.35	56.2	41.8	6.93	53.0	40.5	7.56	49.5	39.2	8.22	
	62	56.8	53.4	5.69	54.1	52.0	6.21	51.3	50.4	6.78	48.5	48.4	7.39	45.5	45.5	8.04	
	57	55.2	55.2	5.65	53.1	53.1	6.18	50.8	50.8	6.76	48.4	48.4	7.39	45.4	45.4	8.04	
2250	72	69.0	35.8	6.10	65.7	34.7	6.64	62.3	33.4	7.23	58.7	32.2	7.87	55.0	30.9	8.55	
	67	63.1	46.6	5.95	60.1	45.4	6.48	56.9	44.1	7.05	53.6	42.8	7.68	50.0	41.5	8.35	
	62	57.7	56.2	5.81	55.0	54.5	6.33	52.3	52.3	6.90	49.7	49.7	7.54	46.8	46.8	8.21	
	57	56.9	56.9	5.79	54.7	54.7	6.32	52.3	52.3	6.91	49.7	49.7	7.54	46.8	46.8	8.21	
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		060	0.96 0.98		CK5A/CK5BT		060	0.97 0.95									
CC5A/CD5AW		060	1.00 1.00		CK5A/CK5BX		060	0.98 0.93									
CE3AA		060	1.01 1.00		COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE												
CK3BA		060	0.96 0.98		CC5A/CD5AA		060	0.96 0.95									
CK5A/CK5BA		060	0.96 0.98		CC5A/CD5AW		060	0.97 0.94									
CK5A/CK5BN		060	0.96 0.99		CE3AA		060	0.98 0.95									
CK5A/CK5BX		060	1.00 1.00		CK3BA		060	0.97 0.95									
F(A,B)4(A,B)N(F,B)		060	1.01 1.04		CK5A/CK5BA		060	0.97 0.95									
FB4(A,B)NB		070	1.03 1.02		CK5A/CK5BT		060	0.97 0.95									
FC4(B,C)N(F,B)		060	1.01 1.04		CK5A/CK5BX		060	0.98 0.93									
FC4(B,C)NB		070	1.03 1.02		COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE												
FG3AAA		060	0.99 0.99		CC5A/CD5AA		060	0.96 0.94									
FK4(C,D)NB		006	1.02 0.98		CC5A/CD5AW		060	0.97 0.94									
COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE				CE3AA		060	0.98 0.94										
CC5A/CD5AA		060	0.96 0.95		CK3BA		060	0.97 0.95									
CE3AA		060	0.98 0.94		CK5A/CK5BA		060	0.97 0.95									
CK3BA		060	0.97 0.95		CK5A/CK5BT		060	0.97 0.95									
CK5A/CK5BA		060	0.97 0.95		CK5A/CK5BX		060	0.98 0.93									

NOTE: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

* Detailed cooling capacities are based on indoor and outdoor unit at 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 entering air at the indoor coil. For sensible capacities at other than 80°F, deduct 835 Btuh per 1000 CFM of indoor coil air for each degree below 80°F, or add 835 Btuh per 1000 CFM of indoor coil air per degree above 80°F. When the required data falls between the published data, interpolation may be performed.

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

CONDENSER ONLY RATINGS*

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F						
		55	65	75	85	95	105	115
593C018-C, D								
30	TCG	17.9	16.6	15.3	14.0	12.7	11.3	10.0
	SDT	75.7	84.2	93.0	102.0	111.0	120.0	129.0
	KW	1.10	1.18	1.26	1.33	1.39	1.44	1.46
35	TCG	19.8	18.5	17.1	15.7	14.3	12.9	11.5
	SDT	77.7	86.2	94.8	104.0	112.0	121.0	130.0
	KW	1.13	1.22	1.30	1.38	1.45	1.51	1.55
40	TCG	21.8	20.5	19.0	17.6	16.1	14.6	13.1
	SDT	79.9	88.3	96.8	105.0	114.0	123.0	132.0
	KW	1.15	1.25	1.34	1.43	1.51	1.58	1.64
45	TCG	24.0	22.6	21.0	19.5	17.9	16.4	14.8
	SDT	82.3	90.4	98.9	107.0	116.0	125.0	134.0
	KW	1.18	1.28	1.38	1.48	1.57	1.65	1.72
50	TCG	26.3	24.8	23.2	21.6	19.9	18.2	16.6
	SDT	84.9	92.8	101.0	110.0	118.0	127.0	135.0
	KW	1.20	1.31	1.42	1.53	1.63	1.72	1.80
55	TCG	28.6	27.1	25.4	23.7	22.0	20.2	18.5
	SDT	87.6	95.3	103.0	112.0	120.0	129.0	137.0
	KW	1.23	1.35	1.46	1.58	1.69	1.79	1.88
593C024-C, D								
30	TCG	24.0	22.3	20.5	18.7	16.9	15.1	13.3
	SDT	81.3	89.8	98.6	108.0	117.0	126.0	136.0
	KW	1.52	1.63	1.73	1.81	1.88	1.93	1.96
35	TCG	26.6	24.8	22.9	21.0	19.2	17.3	15.4
	SDT	83.6	91.9	101.0	109.0	118.0	127.0	137.0
	KW	1.57	1.68	1.79	1.89	1.97	2.04	2.08
40	TCG	29.4	27.5	25.5	23.5	21.5	19.5	17.6
	SDT	86.2	94.3	103.0	111.0	120.0	129.0	138.0
	KW	1.61	1.74	1.86	1.97	2.06	2.14	2.20
45	TCG	32.3	30.3	28.2	26.1	24.0	21.9	19.8
	SDT	88.9	96.8	105.0	114.0	122.0	131.0	140.0
	KW	1.66	1.79	1.92	2.05	2.15	2.25	2.32
50	TCG	35.3	33.2	31.1	28.8	26.6	24.4	22.2
	SDT	92.0	99.5	108.0	116.0	124.0	133.0	141.0
	KW	1.71	1.85	1.99	2.12	2.25	2.35	2.44
55	TCG	38.4	36.3	34.1	31.7	29.4	27.0	24.7
	SDT	95.3	102.0	110.0	118.0	127.0	135.0	144.0
	KW	1.76	1.91	2.06	2.20	2.34	2.46	2.56
593C030-C, D								
30	TCG	30.2	27.9	25.6	23.4	21.3	19.3	17.3
	SDT	81.3	90.5	99.8	109.0	118.0	128.0	137.0
	KW	1.88	2.02	2.15	2.27	2.36	2.44	2.50
35	TCG	33.5	31.0	28.6	26.3	24.0	21.8	19.7
	SDT	83.4	92.5	102.0	111.0	120.0	129.0	139.0
	KW	1.93	2.09	2.24	2.37	2.48	2.57	2.65
40	TCG	37.1	34.4	31.8	29.3	26.8	24.5	22.2
	SDT	85.7	94.7	104.0	113.0	122.0	131.0	140.0
	KW	1.99	2.16	2.32	2.47	2.59	2.70	2.79
45	TCG	40.8	38.0	35.2	32.5	29.8	27.3	24.8
	SDT	88.1	97.0	106.0	115.0	124.0	133.0	142.0
	KW	2.04	2.23	2.41	2.57	2.71	2.84	2.94
50	TCG	44.8	41.7	38.8	35.9	33.0	30.3	27.6
	SDT	90.7	99.5	108.0	117.0	126.0	135.0	144.0
	KW	2.09	2.29	2.49	2.67	2.83	2.97	3.09
55	TCG	49.0	45.7	42.6	39.5	36.4	33.5	30.6
	SDT	93.5	102.0	111.0	120.0	129.0	137.0	146.0
	KW	2.14	2.36	2.57	2.77	2.94	3.10	3.25
593C036-C, D								
30	TCG	35.9	33.4	30.9	28.4	25.9	23.4	21.0
	SDT	80.5	89.7	98.9	108.0	118.0	127.0	136.0
	KW	2.20	2.38	2.55	2.70	2.82	2.93	3.00
35	TCG	39.7	37.1	34.4	31.7	29.1	26.5	23.9
	SDT	82.6	91.6	101.0	110.0	119.0	128.0	138.0
	KW	2.25	2.45	2.64	2.80	2.95	3.07	3.17
40	TCG	43.8	41.0	38.1	35.3	32.5	29.7	27.0
	SDT	84.8	93.7	103.0	112.0	121.0	130.0	139.0
	KW	2.30	2.52	2.72	2.91	3.08	3.22	3.34
45	TCG	48.1	45.1	42.1	39.1	36.1	33.1	30.2
	SDT	87.2	96.0	105.0	114.0	123.0	132.0	141.0
	KW	2.35	2.59	2.81	3.02	3.20	3.37	3.51
50	TCG	52.6	49.5	46.3	43.1	39.9	36.7	33.6
	SDT	89.7	98.4	107.0	116.0	125.0	134.0	143.0
	KW	2.40	2.66	2.90	3.12	3.33	3.52	3.68
55	TCG	57.4	54.0	50.7	47.3	43.9	40.5	37.2
	SDT	92.4	101.0	110.0	119.0	127.0	136.0	145.0
	KW	2.45	2.72	2.98	3.23	3.46	3.66	3.85

See notes on page 26.

CONDENSER ONLY RATINGS* Continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F						
		55	65	75	85	95	105	115
593C042-C, D								
30	TCG	40.6	37.9	35.2	32.5	29.7	26.9	24.1
	SDT	81.5	90.4	99.4	108.0	118.0	127.0	136.0
	KW	2.56	2.76	2.94	3.10	3.23	3.33	3.43
35	TCG	44.8	42.0	39.2	36.3	33.4	30.4	27.5
	SDT	83.7	92.5	101.0	110.0	119.0	128.0	137.0
	KW	2.63	2.85	3.05	3.23	3.38	3.51	3.64
40	TCG	49.3	46.3	43.3	40.3	37.2	34.1	31.0
	SDT	86.1	94.8	104.0	112.0	121.0	130.0	139.0
	KW	2.69	2.93	3.16	3.36	3.54	3.69	3.84
45	TCG	54.0	50.9	47.7	44.5	41.2	38.0	34.7
	SDT	88.7	97.2	106.0	115.0	123.0	132.0	141.0
	KW	2.76	3.02	3.26	3.49	3.69	3.87	4.04
50	TCG	58.9	55.7	52.3	48.9	45.5	42.0	38.6
	SDT	91.4	99.8	108.0	117.0	126.0	134.0	143.0
	KW	2.82	3.10	3.37	3.62	3.85	4.04	4.24
55	TCG	64.1	60.7	57.1	53.6	49.9	46.3	42.7
	SDT	94.3	103.0	111.0	120.0	128.0	137.0	145.0
	KW	2.89	3.19	3.48	3.75	4.00	4.22	4.44
593C048-C								
30	TCG	44.5	42.6	40.6	38.5	36.4	34.2	31.9
	SDT	80.0	89.8	99.6	109.0	119.0	129.0	139.0
	KW	2.76	3.03	3.34	3.68	4.05	4.45	4.87
35	TCG	48.7	46.7	44.5	42.3	40.1	37.7	35.2
	SDT	81.8	91.5	101.0	111.0	121.0	131.0	140.0
	KW	2.81	3.09	3.39	3.74	4.12	4.53	4.96
40	TCG	53.1	50.9	48.7	46.4	43.9	41.4	38.8
	SDT	83.7	93.3	103.0	113.0	123.0	132.0	142.0
	KW	2.86	3.14	3.45	3.80	4.19	4.60	5.05
45	TCG	57.8	55.5	53.1	50.6	48.0	45.3	42.5
	SDT	85.8	95.3	105.0	115.0	124.0	134.0	144.0
	KW	2.92	3.20	3.52	3.87	4.26	4.68	5.14
50	TCG	62.7	60.2	57.7	55.0	52.3	49.4	46.5
	SDT	88.0	97.4	107.0	117.0	126.0	136.0	146.0
	KW	2.99	3.27	3.59	3.95	4.34	4.77	5.24
55	TCG	67.9	65.3	62.5	59.7	56.8	53.7	50.6
	SDT	90.4	99.8	109.0	119.0	128.0	138.0	147.0
	KW	3.06	3.35	3.67	4.03	4.42	4.86	5.33
593C060-C								
30	TCG	55.9	53.4	50.9	48.2	45.4	42.5	39.5
	SDT	84.5	94.2	104.0	114.0	124.0	134.0	143.0
	KW	3.47	3.82	4.22	4.65	5.13	5.64	6.16
35	TCG	61.1	58.4	55.7	52.8	49.8	46.7	43.5
	SDT	86.7	96.4	106.0	116.0	126.0	136.0	145.0
	KW	3.54	3.90	4.31	4.75	5.23	5.75	6.31
40	TCG	66.6	63.7	60.8	57.7	54.5	51.2	47.8
	SDT	89.0	98.7	108.0	118.0	128.0	138.0	147.0
	KW	3.63	3.99	4.40	4.85	5.35	5.88	6.45
45	TCG	72.3	69.3	66.1	62.8	59.5	56.0	52.4
	SDT	91.4	101.0	111.0	120.0	130.0	140.0	150.0
	KW	3.72	4.09	4.50	4.96	5.47	6.01	6.60
50	TCG	78.3	75.1	71.8	68.3	64.7	60.9	57.1
	SDT	94.1	104.0	113.0	123.0	132.0	142.0	152.0
	KW	3.82	4.20	4.62	5.08	5.59	6.15	6.75
55	TCG	84.7	81.2	77.6	73.9	70.1	66.1	62.0
	SDT	96.8	106.0	116.0	125.0	135.0	144.0	154.0
	KW	3.93	4.31	4.74	5.21	5.73	6.29	6.91

* 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. (See items 6 and 7 following.)
6. For interconnecting refrigerant tube lengths of 50 to 175 ft or 20 ft vertical differential, consult 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 minimum 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.
10. Mismatches of indoor coil capacity more than 1 size larger than outdoor unit capacity may result in inadequate indoor comfort.

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 240.

Unit will be certified for capacity and 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.

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 (R-22), 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 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 tube shutoff valves with sweat connections, system charge of R-22 (R-410A) 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

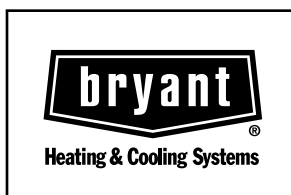
Nominal unit electrical characteristics will be ____ v, 1 single phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of ____ v to ____ v.

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.



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT MUST BE INSTALLED IN ACCORDANCE
WITH INSTALLATION INSTRUCTIONS

Cancels: PDS 593C.18.6