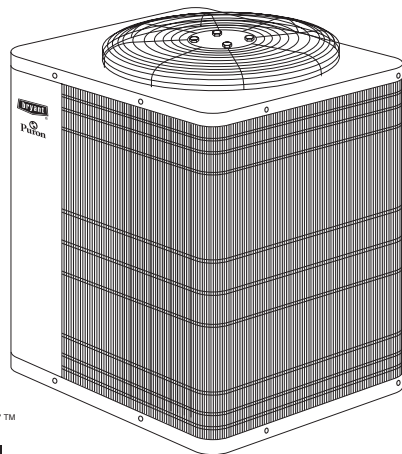




11 SEER AIR CONDITIONER WITH PURON® REFRIGERANT

591B

Sizes 018 thru 060



**Preferred™
SERIES**

Bryant's 591B with Puron® refrigerant provides features unmatched by any other family of equipment. The 591B is an air conditioning system utilizing Bryant's Puron refrigerant. The environmentally sound refrigerant allows you to make a responsible decision in the protection of the earth's ozone layer. Bryant's systems meet the Energy Star® guidelines for energy efficiency.

AVAILABLE OPTIONS

Puron® Environmentally Sound Refrigerant—Is Bryant's unique refrigerant designed to help protect the environment. Puron is an HFC refrigerant which does not contain chlorine that can harm the ozone layer. The most important advantage of Puron refrigerant is that it has not been banned in future air conditioning systems as the traditional refrigerant R-22 has been. Puron refrigerant is in service in thousands of systems proving highly reliable, environmentally sound performance.

Bryant's Evolution™ Controls—These industry-leading controls, when installed with Bryant's Perfect Humidity™ variable-speed furnaces or fan coils, provide the homeowner with:

- unparalleled control of temperature, humidity, indoor air quality, and zoning
- unprecedented ease of use
- simple operation through on-screen, text-based service reminders

Optional remote access through telephone or Internet is also available when combined with a remote connectivity kit.

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.

High Efficiency Performance—Is delivered through a combination of features including Bryant's Puron refrigerant, unique scroll compressor, and advanced heat transfer surfaces. Efficiency ratings are up to 12.5 SEER (Seasonal Energy Efficiency Ratio). Sophisticated heat transfer surfaces utilized in Bryant's 591B design allow heat to easily be transferred to the outdoor air and require less energy. The unique scroll compressor found in the 591B design performs quietly and adds to the overall efficiency of the system. Finally, Bryant's Puron refrigerant operates more efficiently than ordinary R-22 refrigerant found in other systems. The efficiency levels provided by the 591B provide end users with lower costs of operation than traditional air conditioning systems.

Assured Future Service—By utilizing the environmentally sound refrigerant, Puron®, 591B models will remain serviceable well into the future. The Clean Air Act of 1990 has placed a cap on production of most other refrigerants which has scheduled

reductions beginning in 2004. The resulting cap in production ultimately results in a complete ban on many other refrigerants in new equipment by the year 2010. These changes, required by federal law, mean the supply of other refrigerants may be limited in the near future making Puron the correct choice when considering long term serviceability.

Highly Reliable Performance—Is delivered through the superior design of the system and componentry. The reliability of these models has been proven to provide the lowest incidence of warranty service of any product in the Bryant family in the past few years of service. Long term reliability is assured through the use of both high and low pressure switches which will not allow the system to operate in the event of a significant change in operating pressure. In doing this, the system is protected from damage if an unusual condition arises. Finally, Bryant includes a special liquid line filter drier designed to trap moisture and contaminants which could otherwise shorten the life of the system.

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—Bryant's systems utilizing Puron refrigerant have the same application guidelines as other systems. Applications which include long line sets (50 to 175 ft) or applications which require the system to operate at low outdoor temperatures (below 55°F) are approved under Bryant's standard guidelines.

Bryant Coils and Fan Coils to Complete the System—Bryant specially designs both the outdoor product and indoor coil products to operate with assured reliability and performance. A wide range of indoor coil options are listed in the ratings section of this publication.

Special Protective Devices—High and low pressure switches and internal protection in the compressor including temperature and current sensing overloads prevent operation under potentially damaging circumstances. A special liquid line filter drier designed to trap nearly 4 times the volume of contaminants of standard driers provides superior protection from moisture trapped in the system.

Electrical Range—208/230v, single phase.

Wide Range of Sizes—Available in seven sizes; 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, and 5 tons.

Reliant Cabinet—Galvanized steel is coated with powder paint to provide a superior, long lasting appearance.

Totally Enclosed Fan Motor—Protected from adverse weather conditions.

Unit Design—Enhanced copper and aluminum heat transfer surfaces with vertical air discharge to direct air up and away from the area.

External Service Valves—Both service valves are back seating type valves which are externally located. These unique valves allow service technicians to evacuate or charge the system in less time than standard service valves.

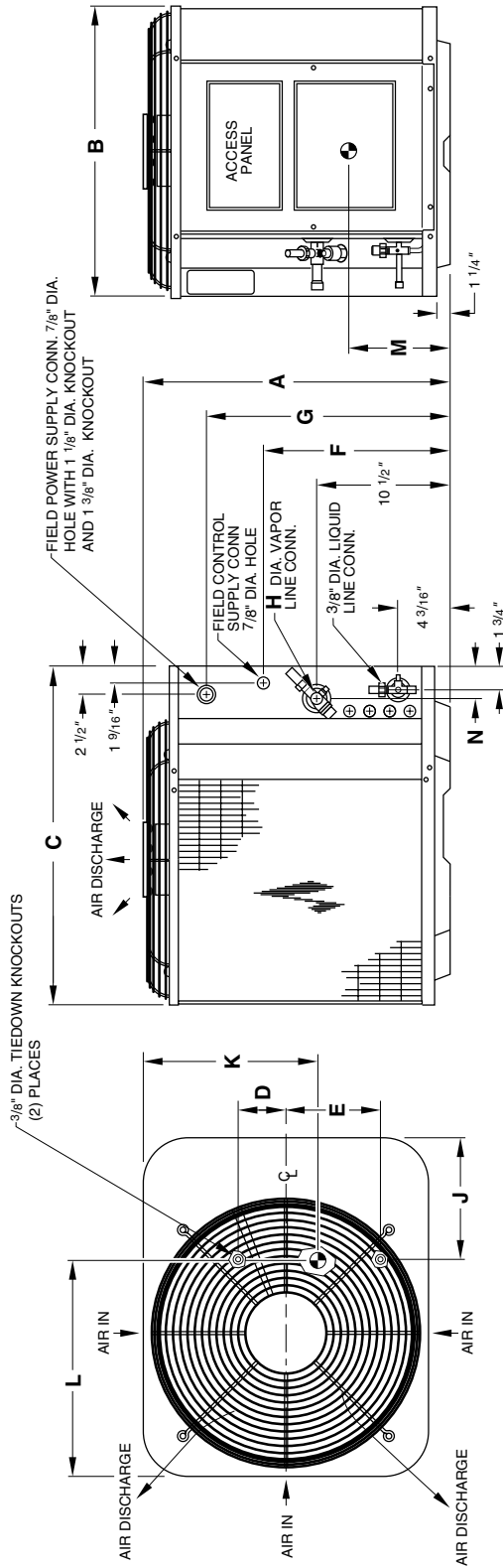
Easy Serviceability—One panel provides access to electrical controls and compressor. Removal of wire dome gives access to fan motor and removal of the top gives access to the coil.

Agency Approvals—591B models are listed with UL (U.S. and Canada), ARI and CEC. Special endorsements have also been awarded these products by Energy Star® which recognizes energy efficient products.

Limited Warranty—A standard 5-year limited warranty on parts with a 10-year limited warranty on the compressor. Optional warranties are available through your Bryant distributor.

Form No. PDS 591B.18.4

DIMENSIONS



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	J	K	L	M	N		
018	B	23-13/16	22-1/2	27-1/2	2-13/16	6-15/16	13-15/16	18-3/8	5/8	8-3/16	12-1/2	14	16-1/2	2-3/8	20 x 32	
024	B	27-13/16	22-1/2	27-1/2	2-13/16	6-15/16	15-15/16	22-3/8	5/8	8-3/16	12-1/2	14	16-1/2	2-15/16	20 x 32	
030	B	27-13/16	22-1/2	27-1/2	2-13/16	6-15/16	15-15/16	22-3/8	3/4	8-3/16	12-1/2	14	16-1/2	2-15/16	20 x 32	
036	B	33-13/16	22-1/2	27-1/2	2-13/16	6-15/16	21-15/16	28-3/8	3/4	8-3/16	12-1/2	14	17-1/2	2-15/16	20 x 32	
042	B	27-13/16	30	33	5-1/16	9-11/16	15-15/16	22-3/8	7/8	8-3/16	18-1/2	19-3/4	13	2-15/16	26 x 32	
048	B	27-13/16	30	33	5-1/16	9-11/16	15-15/16	22-3/8	7/8	8-3/16	18-1/2	19-3/4	13	2-15/16	26 x 32	
060	B	39-13/16	30	33	5-1/16	9-11/16	27-15/16	34-3/8	7/8	8-3/16	17-3/4	19	17-3/4	2-15/16	26 x 32	

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	3/8	3/8	5/8	3/4
024			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 greater than 50 ft horizontal or 20 ft vertical differential, consult Application Guideline and Service Manual for Air Conditioners and Heat Pumps Using Puron® Refrigerant.

CHECK-FLO-RATER® PISTON

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
018-B	49
024-B	59
030-B	63
036-B	67
042-B	73
048-B	78
060-B	90

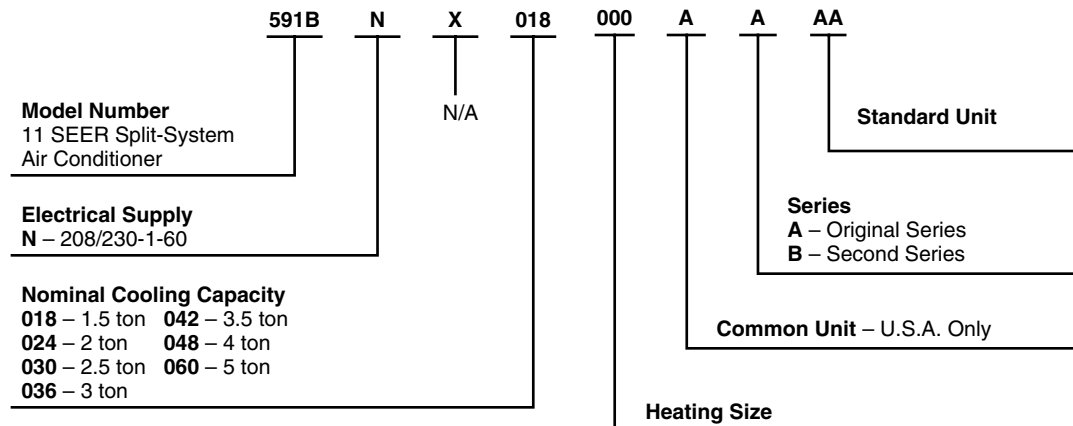
*Piston listed is for any approved non-capillary tube coil combination. Piston is shipped with outdoor unit and must be installed in an approved indoor coil.

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE*)

UNIT SIZE-SERIES	REQUIRED SUBCOOLING (°F)
018-B	15
024-B	15
030-B	16
036-B	18
042-B	18
048-B	16
060-B	14

*Must be a Puron® approved hard shutoff TXV.

Model number nomenclature



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



* As an ENERGY STAR® partner, Bryant Heating & Cooling Systems has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



REGISTERED QUALITY SYSTEM



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

*Refer to the combination ratings in the Product Data Sheet for system combinations meeting ENERGY STAR® efficiency standards.

SPECIFICATIONS

UNIT SIZE-SERIES	018-B	024-B	030-B	036-B
Operating Weight (Lb)	168	178	188	198
ELECTRICAL				
Unit Volts—Hertz—Phase	208/230-60-1			
Operating Voltage Range*	187-253			
Compressor— Rated Load Amps	10.3	13.5	15.4	17.9
Locked Rotor Amps	51.0	61.0	73.0	100.0
Condenser Fan Motor—Full Load Amps	0.50	0.75	0.75	1.40
Min Unit Ampacity for Wire Sizing	13.4	17.6	20.0	23.8
Min Wire Size (60°C Copper) AWG†	14	14	14	12
Min Wire Size (75°C Copper) AWG†	14	14	14	12
Max Wire Length (Ft) (60°C Copper)‡	56	44	39	52
Max Wire Length (Ft) (75°C Copper)‡	54	42	37	50
Max Branch Circuit Fuse or Circuit Breaker Size (Amps)	20	30	30	40
COMPRESSOR & REFRIGERANT				
Compressor— Type	Scroll			
Temperature & Current Protection	Internal Line Break			
Refrigerant— Type	Puron® (R-410A)			
Amount (Lb)	4.15	4.66	5.28	6.13
CONDENSER COIL & FAN				
Coil Face Area (Sq Ft)	7.27	8.72	8.72	10.9
Fins per In.—Rows—Circuits	20—1—1	25—1—2	25—1—2	25—1—2
Fan Motor—HP (PSC) & RPM	1/12 & 1100	1/10 & 1100	1/10 & 1100	1/10 & 1100
Volts—Hertz—Phase	208/230-60-1			
Condenser Airflow (CFM)	1700	2000	2000	2500
OPTIONAL EQUIPMENT				
Support Feet	KSASF0101AAA			
Coastal Filter	KAACF0701SML			
Time Delay Relay	KAATD0101TDR			
Cycle Protector	KSACY0101AAA			
Crankcase Heater	KAACH1201AAA			
Start Assist—Capacitor/Relay Type	KSAHS1701AAA	KSAHS1501AAA		
Start Assist—PTC Type	KAACS0201PTC			
Puron TXV (Hard Shutoff)	KSATX0201PUR			KSATX0301PUR
Piston Body	KSAPX0101PIS			
Filter Drier (Suction Line)	KH45LG140			
Evaporator Freeze Thermostat†† (RCD)	KAAFT0101AAA			
Liquid-Line Solenoid Valve	KAALS0201LLS			
Winter Start Control††	KAAWS0101AAA			
Low-Ambient Pressure Switch	KSALA0301410			
MotorMaster®—Low-Ambient Controller**	KSALA0401AAA			
Ball Bearing Fan Motor (RCD)	HC34GE232			
Thermidistat™ Control— Programmable Thermostat with Humidity Control	TSTATBBPRH01-B			
Thermostat—Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBPAC01-B			
Thermostat—Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBNAC01-B			
Thermostat-Manual Changeover 5-2 Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBSAC01			
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	TSTATXXBP01			
Backplate for Builder's Thermostat	TSTATXXBBP01			
Thermostat Conversion Kit (4 to 5 wire)—10 Pack	TSTATXXCNV10			
Evolution Controls	See chart.			

See notes on page 5.

SPECIFICATIONS Continued

UNIT SIZE-SERIES	042-B	048-B	060-B
Operating Weight (Lb)	215	217	278
ELECTRICAL			
Unit Volts—Hertz—Phase	208/230-60-1		
Operating Voltage Range*	187-253		
Compressor—Rated Load Amps	19.9	24.4	30.1
Locked Rotor Amps	127.0	131.0	172.0
Condenser Fan Motor—Full Load Amps	1.10	1.40	1.40
Min Unit Ampacity for Wire Sizing	26.0	31.9	39.0
Min Wire Size (60°C Copper) AWG†	10	8	8
Min Wire Size (75°C Copper) AWG†	10	10	8
Max Wire Length (Ft) (60°C Copper)‡	77	97	80
Max Wire Length (Ft) (75°C Copper)‡	73	59	76
Max Branch Circuit Fuse or Circuit Breaker Size (Amps)	40	50	60
COMPRESSOR & REFRIGERANT			
Compressor— Type	Scroll		
Temperature & Current Protection	Internal Line Break		
Refrigerant—Type	Puron® (R-410A)		
Amount (Lb)	6.33	6.53	7.93
CONDENSER COIL & FAN			
Coil Face Area (Sq Ft)	12.16	12.16	18.3
Fins per In.—Rows—Circuits	25—1—2	25—1—2	25—1—3
Fan Motor—HP (PSC) & RPM	1/5 & 825	1/4 & 1100	1/4 & 1100
Volts—Hertz—Phase	208/230-60-1		
Condenser Airflow (CFM)	2800	3400	3400
OPTIONAL EQUIPMENT			
Support Feet	KSASF0101AAA		
Coastal Filter	KAACF0801MED		
Time Delay Relay	KAATD0101TDR		
Cycle Protector	KSACY0101AAA		
Crankcase Heater	KAACH1201AAA		
Start Assist—Capacitor/Relay Type	KSAHS1501AAA		KSAHS1601AAA
Start Assist—PTC Type	KAACS0201PTC		
TXV (Hard Shutoff)	KSATX0301PUR	KSATX0401PUR	KSATX0501PUR
Piston Body	KSAPX0101PIS		
Filter Drier (Suction Line) (RCD)	KH45LG141		
Evaporator Freeze Thermostat††	KAAFT0101AAA		
Liquid-Line Solenoid Valve	KAALS0201LLS		
Winter Start Control††	KAAWS0101AAA		
Low-Ambient Pressure Switch	KSALA0301410		
MotorMaster®—Low-Ambient Controller**	KSALA0401AAA		
Ball Bearing Fan Motor (RCD)	HC38GE231	HC40GE232	
Thermidistat™ Control— Programmable Thermostat with Humidity Control	TSTATBBPRH01-B		
Thermostat—Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBPAC01-B		
Thermostat—Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBNAC01-B		
Thermostat-Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBSAC01		
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)—10 Pack	TSTATXXCNV10		
Evolution Controls	See chart.		

* 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.

N/A — Not Applicable.

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

EVOLUTION™* CONTROLS

DESCRIPTION	ACCESSORY
Evolution Control Deluxe 7-Day Programmable (Wall-mounted system control.)	SYSTXBBUID01
Z Evolution Zone Control Deluxe Zoning 7-Day Programmable (Wall-mounted control for a multi-zone system.)	SYSTXBBUIZ01
O Evolution 4-Zone Damper Control Module (Wall-mounted control for a four-zone system.)	SYSTXBB4ZC01
N Evolution Smart Sensor (Optional wall control used to monitor temperature and/or fan control in an individual zone.)	SYSTXBBSMS01
I Evolution Remote Room Sensor (Monitors temperature in an individual zone.)	SYSTXBBRRS01
N Evolution System Access Module (Hardware for wireless access and control via phone or internet.)	SYSTXBBSAM01
G Evolution Network Interface Module (Connects Heat Recovery or Energy Recovery Ventilators or older two-speed outdoor models to system.)	SYSTXBBNIM01**
Back Plate for Evolution Control (Decorative wall plate.)	SYSTXXXBPU01

* When applied with Bryant's Perfect Humidity™ series 355, 315 and FE Indoor Models.

** Must be installed in Dual-Fuel Evolution system applications.

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® Low-Ambient Controller, 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 horizontal or 20 ft vertical differential, refer to Application Guideline and Service Manual for Air Conditioning and Heat Pumps Using Puron® Refrigerant.

† Only when low-pressure switch is used.

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

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.

Usage Guideline:

Required on all units when low-ambient controller (full modulation feature) or Motor Master®—Low-Ambient Controller is installed.

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.

3. Compressor Start Assist – Capacitor and Relay

Start capacitor and relay gives a "hard" boost to compressor motor at each start up.

Usage Guideline:

Required for reciprocating compressors in the following applications:

- Long line
- Low ambient
- Hard shut off expansion valve on indoor coil
- Liquid line solenoid on indoor coil

Required for scroll compressors in the following applications:

- Long line
- Low ambient

Suggested for all compressors in areas with a history of low voltage problems.

4. Compressor Start Assist — PTC Type

Solid state electrical device which gives a "soft" boost to the reciprocating compressor at each start-up.

Usage Guideline:

Suggested in installations with marginal power supply.

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 the chance of liquid slugging.

Usage Guideline:

- Required in low ambient applications.
- Required in long line applications.
- Suggested in all commercial applications.

ACCESSORY DESCRIPTION AND USAGE (continued)

6. Evaporator Freeze Thermostat

An SPST temperature-actuated switch that stops unit operation when evaporator reaches freeze-up conditions.

Usage Guideline:

Required when low ambient kit has been added.

7. Liquid-Line Solenoid Valve (LLS)

This device serves two purposes. It is an electrically operated shutoff valve which stops and starts refrigerant liquid flow in response to compressor operation. It maintains a column of refrigerant liquid ready for action at next compressor operation cycle. It also provides system protection against off-cycle refrigerant migration.

Note: When LLS is used with reciprocating compressors, Compressor Start Assist — Capacitor and Relay is required.

Usage Guideline:

Required in air conditioner long line applications with a piston indoor metering device to prevent off cycle refrigerant migration. A hard shut off TXV can be used instead of an LLS in single flow air conditioner applications. See Long Line Application Guideline.

8. MotorMaster®—Low-Ambient Controller

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 (-28.9°C), it maintains condensing temperature at $100^{\circ}\text{F} \pm 10^{\circ}\text{F}$ ($37.8^{\circ}\text{C} \pm 12^{\circ}\text{C}$).

Usage Guideline:

A Motor Master ®—Low Ambient Controller or Low-Ambient Pressure Switch must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).

Suggested for all commercial applications.

9. Outdoor Air Temperature Sensor

Designed for use with Bryant Thermostats listed in this publication. This device enables the thermostat to display the outdoor temperature. This device also is required to enable special thermostat features such as auxiliary heat lock out.

Usage Guideline:

Suggested for all Bryant thermostats listed in this publication.

10. Sound Hood

Wraparound sound reducing cover for the compressor. Reduces the sound level by about 2 dBA.

Usage Guideline:

Suggested when unit is installed closer than 15 ft to quiet areas—bedrooms, etc.

Suggested when unit is installed between two houses less than 10 ft apart.

11. Support Feet

Four stick-on plastic feet that raise the unit 4 in. above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base, minimizing corrosion.

Usage Guideline:

Suggested in the following applications:

Coastal installations.

Windy areas or where debris is normally circulating.

Rooftop installations.

For improved sound ratings.

12. 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. Hard shut off types are available.

Note: When using a hard shut off TXV with single phase reciprocating compressors, a Compressor Start Assist — Capacitor and Relay is required.

Usage Guideline:

Required to achieve ARI ratings in certain equipment combinations. Refer to combination ratings.

Hard shut off TXV or LLS required in air conditioner long line applications

Required for use on all zoning systems.

13. Time-Delay Relay

An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off.

Note: Most indoor unit controls include this feature. For those that do not, use the guideline below.

Usage Guideline:

For improved efficiency ratings for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory.

A-WTD. SOUND POWER (dBA)

UNIT SIZE	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018	74	52.0	63.5	65.5	69.0	64.5	58.0	51.0
024	74	57.5	64.0	67.5	68.5	66.0	60.5	53.0
030	75	58.5	66.0	69.0	69.0	66.0	61.0	53.5
036	76	61.0	67.5	71.0	71.5	70.0	67.0	58.0
042	77	61.0	67.0	68.5	66.5	63.5	56.5	51.5
048	78	61.5	68.0	71.5	72.0	68.5	65.5	60.0
060	78	61.5	65.5	69.0	69.5	65.0	64.0	56.0

NOTE: Tested in accordance with ARI standard 270.95. (Not listed with ARI.)

COMBINATION RATINGS

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
018-B	*CC5A/CD5AA024	17,400	NONE	10.50	11.00	11.00	9.95
	CC5A/CD5AA018	17,000	NONE	10.50	11.00	11.00	9.75
	CC5A/CD5AW024	17,400	NONE	10.50	11.00	11.00	9.95
	CE3AA024	17,400	NONE	10.50	11.00	11.00	10.00
	CF5AA024	17,400	NONE	10.50	11.00	11.00	10.00
	CK3BA024	17,400	NONE	10.50	11.00	11.00	10.05
	CK5A/CK5BA018	17,000	NONE	10.50	11.00	11.00	9.85
	CK5A/CK5BA024	17,400	NONE	10.50	11.00	11.00	10.05
	CK5A/CK5BW024	17,400	NONE	10.50	11.00	11.00	10.05
	CK5PA018	17,000	TXV	—	11.00	—	9.85
	CK5PA024	17,400	TXV	—	11.00	—	10.05
	CK5PW024	17,400	TXV	—	11.00	—	10.05
	F(A,B)4BN(F,C)018	17,000	TDR	11.00	—	11.00	9.85
	F(A,B)4BN(F,C)024	17,400	TDR	11.00	—	11.00	10.15
	FC4CNF024	17,400	TDR&TXV	11.00	—	—	10.15
	FE4ANF002	17,800	TDR&TXV	12.50	—	—	11.30
	FF1DNA018	17,000	TDR	11.00	—	11.00	10.10
	FF1DNA024	17,400	TDR	11.00	—	11.00	10.00
	FG3AAA024	17,300	NONE	11.00	—	—	9.85
	FK4DNF001	17,400	TDR&TXV	12.50	—	—	11.25
	FK4DNF002	17,800	TDR&TXV	12.50	—	—	11.30
	FV4BNF002	17,800	TDR&TXV	12.50	—	—	11.30
	FX4BNF018	17,400	TDR&TXV	11.00	—	—	10.15
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA018	16,800	TDR	12.00	—	12.00	10.70
	CC5A/CD5AA024	17,400	TDR	12.00	—	12.00	10.95
	CC5A/CD5AW024	17,400	TDR	12.00	—	12.00	10.95
	CE3AA024	17,400	TDR	12.00	—	12.00	11.00
	CK3BA024	17,400	TDR	12.00	—	12.00	11.10
	CK5A/CK5BA018	17,000	TDR	12.00	—	12.00	10.85
	CK5A/CK5BA024	17,400	TDR	12.00	—	12.00	11.10
	CK5A/CK5BW024	17,400	TDR	12.00	—	12.00	11.10
	CK5PA018	17,000	TDR&TXV	12.00	—	—	10.80
	CK5PA024	17,400	TDR&TXV	12.00	—	—	11.10
	CK5PW024	17,400	TDR&TXV	12.00	—	—	11.10
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	17,400	TDR	12.00	—	12.00	10.85
	CE3AA024	17,400	TDR	12.00	—	12.00	10.90
	CK5A/CK5BW024	17,400	TDR	12.00	—	12.00	10.95
	CK5PW024	17,400	TDR&TXV	11.50	—	—	10.95
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	17,400	TDR	12.00	—	12.00	10.90
024-B	*CC5A/CD5AA030	23,800	NONE	10.50	11.00	11.00	9.70
	CC5A/CD5AA024	23,400	NONE	10.50	11.00	11.00	9.60
	CC5A/CD5AW024	23,400	NONE	10.50	11.00	11.00	9.60
	CC5A/CD5AW030	23,800	NONE	10.50	11.00	11.00	9.70
	CE3AA024	23,400	NONE	10.50	11.00	11.00	9.70
	CE3AA030	23,800	NONE	10.50	11.00	11.00	9.75
	CF5AA024	23,400	NONE	10.50	11.00	11.00	9.65
	CK3BA024	23,400	NONE	10.50	11.00	11.00	9.75
	CK3BA030	23,800	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BA024	23,400	NONE	10.50	11.00	11.00	9.75
	CK5A/CK5BA030	23,800	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BW024	23,400	NONE	10.50	11.00	11.00	9.75
	CK5A/CK5BW030	23,800	NONE	10.50	11.00	11.00	9.80
	CK5PA024	23,400	TXV	—	11.00	—	9.75
	CK5PA030	23,800	TXV	—	11.00	—	9.80
	CK5PW024	23,400	TXV	—	11.00	—	9.75
	CK5PW030	23,800	TXV	—	11.00	—	9.80
	F(A,B)4BN(F,C)024	23,400	TDR	11.00	—	11.00	9.80
	F(A,B)4BN(F,C)030	23,800	TDR	11.00	—	11.00	9.70
	FC4CNF024	23,400	TDR&TXV	11.00	—	—	9.80
	FC4CNF030	23,800	TDR&TXV	11.00	—	—	10.00
	FE4ANF002	24,000	TDR&TXV	12.00	—	—	10.80
	FE4ANF003	24,200	TDR&TXV	12.50	—	—	11.05
	FF1DNA024	23,400	TDR	11.00	—	11.00	9.65
	FF1DNA030	23,800	TDR	11.00	—	11.00	9.80
	FG3AAA024	23,400	NONE	10.50	—	—	9.50
	FK4DNF001	24,000	TDR&TXV	12.00	—	—	10.75
	FK4DNF002	24,000	TDR&TXV	12.00	—	—	10.80
	FK4DNF003	24,200	TDR&TXV	12.50	—	—	11.05
	FV4BNF002	24,000	TDR&TXV	12.00	—	—	10.80
	FV4BNF003	24,200	TDR&TXV	12.50	—	—	11.05
	FX4BNF030	23,800	TDR&TXV	11.00	—	—	10.00
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA024	23,400	TDR	12.00	—	12.00	10.40
	CC5A/CD5AA030	23,800	TDR	12.00	—	12.00	10.60
	CC5A/CD5AW024	23,400	TDR	12.00	—	12.00	10.40
	CC5A/CD5AW030	23,800	TDR	12.00	—	12.00	10.60
	CE3AA024	23,400	TDR	12.00	—	12.00	10.45
	CE3AA030	23,800	TDR	12.00	—	12.00	10.65

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
024-B	CK3BA024	23,400	TDR	12.00	—	12.00	10.60
	CK3BA030	23,800	TDR	12.00	—	12.00	10.65
	CK5A/CK5BA024	23,400	TDR	12.00	—	12.00	10.60
	CK5A/CK5BA030	23,800	TDR	12.00	—	12.00	10.65
	CK5A/CK5BW024	23,400	TDR	12.00	—	12.00	10.60
	CK5A/CK5BW030	23,800	TDR	12.00	—	12.00	10.65
	CK5PA024	23,400	TDR&TXV	12.00	—	—	10.60
	CK5PA030	23,800	TDR&TXV	12.00	—	—	10.70
	CK5PW024	23,400	TDR&TXV	12.00	—	—	10.60
	CK5PW030	23,800	TDR&TXV	12.00	—	—	10.70
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	23,400	TDR	11.50	—	11.50	10.25
	CC5A/CD5AW030	23,800	TDR	11.50	—	11.50	10.50
	CE3AA024	23,400	TDR	11.50	—	11.50	10.30
	CE3AA030	23,800	TDR	11.50	—	11.50	10.50
	CK3BA024	23,400	TDR	11.50	—	11.50	10.40
	CK3BA030	23,800	TDR	11.50	—	11.50	10.50
	CK5A/CK5BW024	23,400	TDR	11.50	—	11.50	10.40
	CK5A/CK5BW030	23,800	TDR	11.50	—	11.50	10.50
	CK5PW024	23,400	TDR&TXV	11.50	—	—	10.40
	CK5PW030	23,800	TDR&TXV	11.50	—	—	10.50
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	23,400	TDR	11.50	—	11.50	10.35
	CC5A/CD5AW030	23,800	TDR	11.50	—	11.50	10.60
	CE3AA024	23,400	TDR	11.50	—	11.50	10.40
	CE3AA030	23,800	TDR	11.50	—	11.50	10.60
	CK5A/CK5BW024	23,400	TDR	11.50	—	11.50	10.60
	CK5A/CK5BW030	23,800	TDR	11.50	—	11.50	10.70
	CK5PW024	23,400	TDR&TXV	11.50	—	—	10.60
	CK5PW030	23,800	TDR&TXV	11.50	—	—	10.70
030-B	*CC5A/CD5AA036	29,000	NONE	10.50	11.00	11.00	9.75
	CC5A/CD5AA030	28,000	NONE	10.40	10.80	10.80	9.50
	CC5A/CD5AW030	28,000	NONE	10.40	10.80	10.80	9.50
	CC5A/CD5AW036	29,000	NONE	10.50	11.00	11.00	9.75
	CE3AA030	28,000	NONE	10.50	11.00	11.00	9.60
	CE3AA036	28,200	NONE	10.50	11.00	11.00	9.65
	CF5AA036	28,200	NONE	10.50	11.00	11.00	9.70
	CK3BA030	28,000	NONE	10.50	11.00	11.00	9.55
	CK3BA036	29,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BA030	28,000	NONE	10.50	11.00	11.00	9.55
	CK5A/CK5BA036	29,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BT036	29,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BW030	28,000	NONE	10.50	11.00	11.00	9.55
	CK5A/CK5BW036	29,000	NONE	10.50	11.00	11.00	9.80
	CK5PA030	28,000	TXV	—	11.00	—	9.55
	CK5PA036	29,000	TXV	—	11.00	—	9.80
	CK5PT036	29,000	TXV	—	11.00	—	9.80
	CK5PW030	28,000	TXV	—	11.00	—	9.55
	CK5PW036	29,000	TXV	—	11.00	—	9.80
	F(A,B)4BN(F,C)030	28,400	TDR	11.00	—	11.00	9.90
	F(A,B)4BN(F,C)036	28,600	TDR	11.00	—	11.00	9.55
	FC4CNF030	28,400	TDR&TXV	11.00	—	—	9.75
	FC4CNF036	28,600	TDR&TXV	10.80	—	—	9.50
	FE4ANF002	28,600	TDR&TXV	12.00	—	—	10.45
	FE4ANF003	28,800	TDR&TXV	12.00	—	—	10.75
	FE4ANF005	29,000	TDR&TXV	12.00	—	—	11.00
	FF1DNA030	28,400	TDR	11.00	—	11.00	9.60
	FG3AAA036	28,000	NONE	11.00	—	—	9.60
	FK4DNF001	28,600	TDR&TXV	12.00	—	—	10.40
	FK4DNF002	28,600	TDR&TXV	12.00	—	—	10.45
	FK4DNF003	28,800	TDR&TXV	12.00	—	—	10.75
	FK4DNF005	29,000	TDR&TXV	12.00	—	—	11.00
	FV4BNF002	28,600	TDR&TXV	12.00	—	—	10.45
	FV4BNF003	28,800	TDR&TXV	12.00	—	—	10.75
	FV4BNF005	29,000	TDR&TXV	12.00	—	—	11.00
	FX4BNF030	28,400	TDR&TXV	11.00	—	—	9.75
	FX4BNF036	28,600	TDR&TXV	11.00	—	—	9.60
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA030	28,000	TDR	11.50	—	11.50	10.15
	CC5A/CD5AA036	28,600	TDR	12.00	—	12.00	10.50
	CC5A/CD5AW030	28,000	TDR	11.50	—	11.50	10.15
	CE3AA030	28,000	TDR	11.50	—	11.50	10.25
	CE3AA036	28,400	TDR	11.50	—	11.50	10.35
	CK3BA030	28,000	TDR	11.50	—	11.50	10.20
	CK3BA036	28,600	TDR	12.00	—	12.00	10.55
	CK5A/CK5BA030	28,000	TDR	11.50	—	11.50	10.20
	CK5A/CK5BA036	28,600	TDR	12.00	—	12.00	10.55
	CK5A/CK5BT036	28,600	TDR	12.00	—	12.00	10.55
	CK5A/CK5BW030	28,000	TDR	11.50	—	11.50	10.20
	CK5PA030	28,000	TDR&TXV	11.50	—	—	10.25
	CK5PA036	28,600	TDR&TXV	12.00	—	—	10.55

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
030-B	CK5PT036	28,600	TDR&TXV	12.00	—	—	10.55
	CK5PW030	28,000	TDR&TXV	11.50	—	—	10.25
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA030	28,000	TDR	11.50	—	11.50	10.30
	CC5A/CD5AA036	28,600	TDR	12.00	—	12.00	10.60
	CC5A/CD5AW030	28,000	TDR	11.50	—	11.50	10.30
	CC5A/CD5AW036	28,600	TDR	12.00	—	12.00	10.60
	CE3AA030	28,000	TDR	11.50	—	11.50	10.40
	CE3AA036	28,400	TDR	11.50	—	11.50	10.55
	CK3BA030	28,000	TDR	11.50	—	11.50	10.35
	CK3BA036	28,600	TDR	12.00	—	12.00	10.65
	CK5A/CK5BA030	28,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BA036	28,600	TDR	12.00	—	12.00	10.65
	CK5A/CK5BW030	28,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BW036	28,600	TDR	12.00	—	12.00	10.65
	CK5PA030	28,000	TDR&TXV	11.50	—	—	10.35
	CK5PA036	28,600	TDR&TXV	12.00	—	—	10.65
	CK5PT036	28,600	TDR&TXV	12.00	—	—	10.65
	CK5PW030	28,000	TDR&TXV	11.50	—	—	10.35
	CK5PW036	28,600	TDR&TXV	12.00	—	—	10.65
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	28,600	TDR	11.50	—	11.50	10.30
	CC5A/CD5AW030	28,000	TDR	11.50	—	11.50	10.00
	CE3AA030	28,000	TDR	11.50	—	11.50	10.10
	CE3AA036	28,600	TDR	11.50	—	11.50	10.15
	CK3BA036	28,600	TDR	11.50	—	11.50	10.30
	CK5A/CK5BA036	28,600	TDR	11.50	—	11.50	10.30
	CK5A/CK5BT036	28,600	TDR	11.50	—	11.50	10.30
	CK5A/CK5BW030	28,000	TDR	11.50	—	11.50	10.00
	CK5PA036	28,600	TDR&TXV	11.50	—	—	10.30
	CK5PT036	28,600	TDR&TXV	11.50	—	—	10.30
	CK5PW030	28,000	TDR&TXV	11.50	—	—	10.00
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW030	28,000	TDR	11.50	—	11.50	10.15
	CC5A/CD5AW036	28,600	TDR	11.50	—	11.50	10.45
	CE3AA030	28,000	TDR	11.50	—	11.50	10.20
	CE3AA036	28,600	TDR	11.50	—	11.50	10.30
	CK5A/CK5BW036	28,600	TDR	11.50	—	11.50	10.40
	CK5PW036	28,600	TDR&TXV	11.50	—	—	10.40
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW036	28,600	TDR	11.50	—	11.50	10.45
	CE3AA030	28,000	TDR	11.50	—	11.50	10.25
	CE3AA036	28,600	TDR	11.50	—	11.50	10.30
	CK5A/CK5BW030	28,000	TDR	11.50	—	11.50	10.25
	CK5A/CK5BW036	28,600	TDR	12.00	—	12.00	10.60
	CK5PW030	28,000	TDR&TXV	11.50	—	—	10.25
	CK5PW036	28,600	TDR&TXV	11.50	—	—	10.60
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW036	28,600	TDR	11.50	—	11.50	10.45
	CE3AA030	28,000	TDR	11.50	—	11.50	10.25
	CE3AA036	28,600	TDR	11.50	—	11.50	10.30
	CK5A/CK5BW036	28,600	TDR	12.00	—	12.00	10.55
	CK5PW036	28,600	TDR&TXV	11.50	—	—	10.55
036-B	*CC5A/CD5AA042	35,400	NONE	10.50	11.00	11.00	9.70
	CC5A/CD5AA036	35,000	NONE	10.50	11.00	11.00	9.70
	CC5A/CD5AW036	35,000	NONE	10.50	11.00	11.00	9.70
	CE3AA036	35,000	NONE	10.50	11.00	11.00	9.60
	CE3AA042	35,400	NONE	10.50	11.00	11.00	9.75
	CF5AA036	35,000	NONE	10.50	11.00	11.00	9.65
	CK3BA036	35,000	NONE	10.50	11.00	11.00	9.70
	CK3BA042	35,400	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BA036	35,000	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BA042	35,400	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BT036	35,000	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BT042	35,400	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BW036	35,000	NONE	10.50	11.00	11.00	9.70
	CK5PA036	35,000	TXV	—	11.00	—	9.70
	CK5PA042	35,400	TXV	—	11.00	—	9.70
	CK5PT036	35,000	TXV	—	11.00	—	9.70
	CK5PT042	35,400	TXV	—	11.00	—	9.70
	CK5PW036	35,000	TXV	—	11.00	—	9.70
	F(A,B)4BN(F,B,C)042	35,400	TDR	11.00	—	11.00	9.65
	F(A,B)4BN(F,C)036	35,000	TDR	10.50	—	10.50	9.40
	FC4CN(F,B)042	35,400	TDR&TXV	11.00	—	—	9.65
	FC4CNF036	35,000	TDR&TXV	10.50	—	—	9.40
	FE4ANF002	35,000	TDR&TXV	11.50	—	—	10.15
	FE4ANF003	35,400	TDR&TXV	12.00	—	—	10.55
	FE4ANF005	36,000	TDR&TXV	12.00	—	—	10.95
	FE4BNB006	36,600	TDR&TXV	12.50	—	—	11.15

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
036-B	FG3AAA036	35,000	NONE	10.50	—	—	9.50
	FK4DNB006	36,600	TDR&TXV	12.00	—	—	11.10
	FK4DNF001	35,000	TDR&TXV	11.50	—	—	10.05
	FK4DNF002	35,000	TDR&TXV	11.50	—	—	10.10
	FK4DNF003	35,400	TDR&TXV	12.00	—	—	10.50
	FK4DNF005	36,000	TDR&TXV	12.00	—	—	10.90
	FV4BNB006	36,600	TDR&TXV	12.50	—	—	11.15
	FV4BNF002	35,000	TDR&TXV	11.50	—	—	10.15
	FV4BNF003	35,400	TDR&TXV	12.00	—	—	10.55
	FV4BNF005	36,000	TDR&TXV	12.00	—	—	10.95
	FX4BNF036	35,000	TDR&TXV	10.50	—	—	9.45
	FX4BNF042	35,400	TDR&TXV	11.00	—	—	9.85
	COILS + 315(A,J)AV036070 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	35,000	TDR	11.50	—	11.50	10.20
	CE3AA036	34,800	TDR	11.50	—	11.50	10.10
	CE3AA042	35,200	TDR	11.50	—	11.50	10.30
	CK3BA036	35,000	TDR	11.50	—	11.50	10.25
	CK5A/CK5BA036	35,000	TDR	11.50	—	11.50	10.25
	CK5A/CK5BE042	35,400	TDR	11.50	—	11.50	10.35
	CK5A/CK5BT036	35,000	TDR	11.50	—	11.50	10.25
	CK5PA036	35,000	TDR&TXV	11.50	—	—	10.25
	CK5PE042	35,400	TDR&TXV	11.50	—	—	10.35
	CK5PT036	35,000	TDR&TXV	11.50	—	—	10.25
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	35,000	TDR	11.50	—	11.50	10.35
	CC5A/CD5AA042	35,400	TDR	11.50	—	11.50	10.45
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.35
	CE3AA036	34,800	TDR	11.50	—	11.50	10.25
	CE3AA042	35,200	TDR	11.50	—	11.50	10.45
	CK3BA036	35,000	TDR	11.50	—	11.50	10.40
	CK3BA042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BA036	35,000	TDR	11.50	—	11.50	10.40
	CK5A/CK5BA042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BE042	35,400	TDR	11.50	—	11.50	10.50
	CK5A/CK5BT036	35,000	TDR	11.50	—	11.50	10.40
	CK5A/CK5BT042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.40
	CK5PA036	35,000	TDR&TXV	11.50	—	—	10.40
	CK5PA042	35,400	TDR&TXV	11.50	—	—	10.45
	CK5PE042	35,400	TDR&TXV	11.50	—	—	10.50
	CK5PT036	35,000	TDR&TXV	11.50	—	—	10.40
	CK5PT042	35,400	TDR&TXV	11.50	—	—	10.45
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.40
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	35,000	TDR	11.50	—	11.50	10.40
	CC5A/CD5AA042	35,400	TDR	12.00	—	12.00	10.55
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.40
	CC5A/CD5AW042	35,400	TDR	12.00	—	12.00	10.45
	CE3AA036	34,800	TDR	11.50	—	11.50	10.30
	CE3AA042	35,200	TDR	11.50	—	11.50	10.55
	CK3BA036	35,000	TDR	11.50	—	11.50	10.45
	CK3BA042	35,400	TDR	12.00	—	12.00	10.50
	CK5A/CK5BA036	35,000	TDR	11.50	—	11.50	10.45
	CK5A/CK5BA042	35,400	TDR	12.00	—	12.00	10.50
	CK5A/CK5BT036	35,000	TDR	11.50	—	11.50	10.45
	CK5A/CK5BT042	35,400	TDR	12.00	—	12.00	10.50
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.45
	CK5PA036	35,000	TDR&TXV	11.50	—	—	10.45
	CK5PA042	35,400	TDR&TXV	12.00	—	—	10.55
	CK5PT036	35,000	TDR&TXV	11.50	—	—	10.45
	CK5PT042	35,400	TDR&TXV	12.00	—	—	10.55
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.45
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	35,400	TDR	12.00	—	12.00	10.50
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.35
	CC5A/CD5AW042	35,400	TDR	12.00	—	12.00	10.40
	CE3AA036	34,800	TDR	11.50	—	11.50	10.25
	CE3AA042	35,200	TDR	11.50	—	11.50	10.50
	CK3BA042	35,400	TDR	12.00	—	12.00	10.50
	CK5A/CK5BA042	35,400	TDR	12.00	—	12.00	10.50
	CK5A/CK5BT042	35,400	TDR	12.00	—	12.00	10.50
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.40
	CK5PA042	35,400	TDR&TXV	12.00	—	—	10.50
	CK5PT042	35,400	TDR&TXV	12.00	—	—	10.50
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.40
	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	35,400	TDR	12.00	—	12.00	10.60
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.40
	CC5A/CD5AW042	35,400	TDR	12.00	—	12.00	10.50
	CE3AA036	34,800	TDR	11.50	—	11.50	10.30
	CE3AA042	35,200	TDR	11.50	—	11.50	10.55
	CK3BA042	35,400	TDR	12.00	—	12.00	10.55

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
036-B	CK5A/CK5BA042	35,400	TDR	12.00	—	12.00	10.55
	CK5A/CK5BT042	35,400	TDR	12.00	—	12.00	10.55
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.45
	CK5PA042	35,400	TDR&TXV	12.00	—	—	10.55
	CK5PT042	35,400	TDR&TXV	12.00	—	—	10.55
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.45
	COILS + 355MAV042060 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	35,000	TDR	11.50	—	11.50	10.15
	CE3AA036	34,800	TDR	11.50	—	11.50	10.00
	CE3AA042	35,200	TDR	11.50	—	11.50	10.25
	CK3BA036	35,000	TDR	11.50	—	11.50	10.20
	CK3BA042	35,400	TDR	11.50	—	11.50	10.25
	CK5A/CK5BA036	35,000	TDR	11.50	—	11.50	10.20
	CK5A/CK5BT036	35,000	TDR	11.50	—	11.50	10.20
	CK5PA036	35,000	TDR&TXV	11.50	—	—	10.20
	CK5PT036	35,000	TDR&TXV	11.50	—	—	10.20
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	35,400	TDR	11.50	—	11.50	10.35
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.25
	CE3AA036	34,800	TDR	11.50	—	11.50	10.10
	CE3AA042	35,200	TDR	11.50	—	11.50	10.40
	CK3BA042	35,400	TDR	11.50	—	11.50	10.30
	CK5A/CK5BA042	35,400	TDR	11.50	—	11.50	10.35
	CK5A/CK5BT042	35,400	TDR	11.50	—	11.50	10.35
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.25
	CK5PA042	35,400	TDR&TXV	11.50	—	—	10.35
	CK5PT042	35,400	TDR&TXV	11.50	—	—	10.35
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.25
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	35,400	TDR	11.50	—	11.50	10.35
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.25
	CE3AA036	34,800	TDR	11.50	—	11.50	10.15
	CE3AA042	35,200	TDR	11.50	—	11.50	10.40
	CK3BA042	35,400	TDR	11.50	—	11.50	10.25
	CK5A/CK5BA042	35,400	TDR	11.50	—	11.50	10.25
	CK5A/CK5BT042	35,400	TDR	11.50	—	11.50	10.25
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.20
	CK5PA042	35,400	TDR&TXV	11.50	—	—	10.25
	CK5PT042	35,400	TDR&TXV	11.50	—	—	10.25
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.20
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	35,400	TDR	11.50	—	11.50	10.35
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.25
	CC5A/CD5AW042	35,000	TDR	11.50	—	11.50	10.30
	CE3AA036	34,800	TDR	11.50	—	11.50	10.15
	CE3AA042	35,200	TDR	11.50	—	11.50	10.40
	CK3BA042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BA042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BT042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.40
	CK5PA042	35,400	TDR&TXV	11.50	—	—	10.45
	CK5PT042	35,400	TDR&TXV	11.50	—	—	10.45
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.40
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	35,400	TDR	11.50	—	11.50	10.35
	CC5A/CD5AW036	35,000	TDR	11.50	—	11.50	10.25
	CC5A/CD5AW042	35,000	TDR	11.50	—	11.50	10.30
	CE3AA036	34,800	TDR	11.50	—	11.50	10.15
	CE3AA042	35,200	TDR	11.50	—	11.50	10.40
	CK3BA042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BA042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BT042	35,400	TDR	11.50	—	11.50	10.45
	CK5A/CK5BW036	35,000	TDR	11.50	—	11.50	10.40
	CK5PA042	35,400	TDR&TXV	11.50	—	—	10.45
	CK5PT042	35,400	TDR&TXV	11.50	—	—	10.45
	CK5PW036	35,000	TDR&TXV	11.50	—	—	10.40
042-B	*CD5AA048	41,000	NONE	10.50	11.00	11.00	9.75
	CC5A/CD5AA042	40,500	NONE	10.50	11.00	11.00	9.75
	CC5A/CD5AC048	40,500	NONE	10.50	11.00	11.00	9.65
	CC5A/CD5AW042	40,500	NONE	10.50	11.00	11.00	9.65
	CC5A/CD5AW048	41,000	NONE	10.50	11.00	11.00	9.75
	CE3AA042	40,500	NONE	10.50	11.00	11.00	9.80
	CE3AA048	41,000	NONE	10.50	11.00	11.00	9.85
	CF5AA048	41,000	NONE	10.50	11.00	11.00	9.80
	CK3BA042	40,500	NONE	10.50	11.00	11.00	9.75
	CK3BA048	41,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BA042	40,500	NONE	10.50	11.00	11.00	9.75
	CK5A/CK5BA048	41,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BT042	40,500	NONE	10.50	11.00	11.00	9.75
	CK5A/CK5BT048	41,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BW048	41,000	NONE	10.50	11.00	11.00	9.80

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
042-B	CK5PA042	40,500	TXV	—	11.00	—	9.75
	CK5PA048	41,000	TXV	—	11.00	—	9.80
	CK5PT042	40,500	TXV	—	11.00	—	9.75
	CK5PT048	41,000	TXV	—	11.00	—	9.80
	CK5PW048	41,000	TXV	—	11.00	—	9.80
	F(A,B)4BN(F,B,C)042	40,500	TDR	11.00	—	11.00	9.60
	F(A,B)4BN(F,B,C)048	41,000	TDR	11.00	—	11.00	9.80
	FC4CN(F,B)042	40,500	TDR&TXV	11.00	—	—	9.60
	FC4CN(F,B)048	41,000	TDR&TXV	11.00	—	—	9.75
	FC4CNB054	42,000	TDR&TXV	11.50	—	—	10.30
	FE4ANF003	41,000	TDR&TXV	11.50	—	—	10.35
	FE4ANF005	42,000	TDR&TXV	12.00	—	—	10.80
	FE4BNB006	43,000	TDR&TXV	12.50	—	—	11.05
	FG3AAA048	41,000	NONE	11.00	—	—	9.75
	FK4DNB006	43,000	TDR&TXV	12.50	—	—	11.05
	FK4DNF003	41,000	TDR&TXV	11.50	—	—	10.35
	FK4DNF005	42,000	TDR&TXV	12.00	—	—	10.80
	FV4BNB006	43,000	TDR&TXV	12.50	—	—	11.05
	FV4BNF003	41,000	TDR&TXV	11.50	—	—	10.35
	FV4BNF005	42,000	TDR&TXV	12.00	—	—	10.80
	FX4BNF042	40,500	TDR&TXV	11.00	—	—	9.75
	FX4BNF048	41,000	TDR&TXV	11.00	—	—	9.95
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.25
	CC5A/CD5AC048	40,500	TDR	11.50	—	11.50	10.30
	CD5AA048	40,500	TDR	11.50	—	11.50	10.40
	CE3AA042	40,000	TDR	11.50	—	11.50	10.35
	CE3AA048	40,500	TDR	11.50	—	11.50	10.35
	CK3BA042	40,000	TDR	11.50	—	11.50	10.30
	CK3BA048	40,500	TDR	11.50	—	11.50	10.40
	CK5A/CK5BA042	40,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BA048	40,500	TDR	11.50	—	11.50	10.40
	CK5A/CK5BE042	40,500	TDR	11.50	—	11.50	10.35
	CK5A/CK5BT042	40,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BT048	40,500	TDR	11.50	—	11.50	10.40
	CK5PA042	40,000	TDR&TXV	11.50	—	—	10.30
	CK5PA048	40,500	TDR&TXV	11.50	—	—	10.40
	CK5PE042	40,500	TDR&TXV	11.50	—	—	10.35
	CK5PT042	40,000	TDR&TXV	11.50	—	—	10.30
	CK5PT048	40,500	TDR&TXV	11.50	—	—	10.40
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.35
	CC5A/CD5AC048	40,500	TDR	11.50	—	11.50	10.40
	CC5A/CD5AW042	40,000	TDR	11.50	—	11.50	10.30
	CC5A/CD5AW048	40,500	TDR	12.00	—	12.00	10.50
	CD5AA048	40,500	TDR	12.00	—	12.00	10.50
	CE3AA042	40,000	TDR	11.50	—	11.50	10.45
	CE3AA048	40,500	TDR	11.50	—	11.50	10.45
	CK3BA042	40,000	TDR	11.50	—	11.50	10.40
	CK3BA048	40,500	TDR	12.00	—	12.00	10.50
	CK5A/CK5BA042	40,000	TDR	11.50	—	11.50	10.40
	CK5A/CK5BA048	40,500	TDR	12.00	—	12.00	10.50
	CK5A/CK5BT042	40,000	TDR	11.50	—	11.50	10.40
	CK5A/CK5BT048	40,500	TDR	12.00	—	12.00	10.50
	CK5A/CK5BW048	40,500	TDR	12.00	—	12.00	10.50
	CK5PA042	40,000	TDR&TXV	11.50	—	—	10.40
	CK5PA048	40,500	TDR&TXV	12.00	—	—	10.50
	CK5PT042	40,000	TDR&TXV	11.50	—	—	10.40
	CK5PT048	40,500	TDR&TXV	12.00	—	—	10.50
	CK5PW048	40,500	TDR&TXV	12.00	—	—	10.50
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.35
	CC5A/CD5AC048	40,500	TDR	11.50	—	11.50	10.40
	CC5A/CD5AW042	40,000	TDR	11.50	—	11.50	10.30
	CC5A/CD5AW048	40,500	TDR	12.00	—	12.00	10.50
	CD5AA048	40,500	TDR	12.00	—	12.00	10.50
	CE3AA042	40,000	TDR	11.50	—	11.50	10.45
	CE3AA048	40,500	TDR	11.50	—	11.50	10.45
	CK3BA042	40,000	TDR	11.50	—	11.50	10.40
	CK3BA048	40,500	TDR	12.00	—	12.00	10.50
	CK5A/CK5BA042	40,000	TDR	11.50	—	11.50	10.40
	CK5A/CK5BA048	40,500	TDR	12.00	—	12.00	10.50
	CK5A/CK5BT042	40,000	TDR	11.50	—	11.50	10.40
	CK5A/CK5BT048	40,500	TDR	12.00	—	12.00	10.50
	CK5A/CK5BW048	40,500	TDR	12.00	—	12.00	10.50
	CK5PA042	40,000	TDR&TXV	11.50	—	—	10.40
	CK5PA048	40,500	TDR&TXV	12.00	—	—	10.55
	CK5PT042	40,000	TDR&TXV	11.50	—	—	10.40
	CK5PT048	40,500	TDR&TXV	12.00	—	—	10.55
	CK5PW048	40,500	TDR&TXV	12.00	—	—	10.55
	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.40
	CC5A/CD5AC048	40,500	TDR	11.50	—	11.50	10.45
	CC5A/CD5AW042	40,000	TDR	11.50	—	11.50	10.30

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
042-B	CC5A/CD5AW048	40,500	TDR	12.00	—	12.00	10.55
	CD5AA048	40,500	TDR	12.00	—	12.00	10.55
	CE3AA042	40,000	TDR	11.50	—	11.50	10.45
	CE3AA048	40,500	TDR	11.50	—	11.50	10.50
	CK3BA042	40,000	TDR	11.50	—	11.50	10.45
	CK3BA048	40,500	TDR	12.00	—	12.00	10.55
	CK5A/CK5BA042	40,000	TDR	11.50	—	11.50	10.45
	CK5A/CK5BA048	40,500	TDR	12.00	—	12.00	10.55
	CK5A/CK5BT042	40,000	TDR	11.50	—	11.50	10.45
	CK5A/CK5BT048	40,500	TDR	12.00	—	12.00	10.55
	CK5A/CK5BW048	40,500	TDR	12.00	—	12.00	10.55
	CK5PA042	40,000	TDR&TXV	11.50	—	—	10.45
	CK5PA048	40,500	TDR&TXV	12.00	—	—	10.55
	CK5PT042	40,000	TDR&TXV	11.50	—	—	10.45
	CK5PT048	40,500	TDR&TXV	12.00	—	—	10.55
	CK5PW048	40,500	TDR&TXV	12.00	—	—	10.55
	COILS + 355MAV042080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.15
	CD5AA048	40,500	TDR	11.50	—	11.50	10.30
	CE3AA042	40,000	TDR	11.50	—	11.50	10.20
	CE3AA048	40,500	TDR	11.50	—	11.50	10.25
	CK3BA048	40,500	TDR	11.50	—	11.50	10.20
	CK5A/CK5BA048	40,500	TDR	11.50	—	11.50	10.20
	CK5A/CK5BT048	40,500	TDR	11.50	—	11.50	10.20
	CK5PA048	40,500	TDR&TXV	11.50	—	—	10.20
	CK5PT048	40,500	TDR&TXV	11.50	—	—	10.20
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.20
	CD5AA048	40,500	TDR	11.50	—	11.50	10.30
	CE3AA042	40,000	TDR	11.50	—	11.50	10.25
	CE3AA048	40,500	TDR	11.50	—	11.50	10.30
	CK3BA048	40,500	TDR	11.50	—	11.50	10.10
	CK5A/CK5BA048	40,500	TDR	11.50	—	11.50	10.10
	CK5A/CK5BT048	40,500	TDR	11.50	—	11.50	10.10
	CK5PA048	40,500	TDR&TXV	11.50	—	—	10.10
	CK5PT048	40,500	TDR&TXV	11.50	—	—	10.10
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.20
	CD5AA048	40,500	TDR	11.50	—	11.50	10.30
	CE3AA042	40,000	TDR	11.50	—	11.50	10.25
	CE3AA048	40,500	TDR	11.50	—	11.50	10.30
	CK3BA048	40,500	TDR	11.50	—	11.50	10.40
	CK5A/CK5BA048	40,500	TDR	11.50	—	11.50	10.40
	CK5A/CK5BT048	40,500	TDR	11.50	—	11.50	10.40
	CK5PA048	40,500	TDR&TXV	11.50	—	—	10.40
	CK5PT048	40,500	TDR&TXV	11.50	—	—	10.40
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.50	—	11.50	10.20
	CC5A/CD5AW042	40,000	TDR	11.50	—	11.50	10.15
	CC5A/CD5AW048	40,500	TDR	11.50	—	11.50	10.30
	CE3AA042	40,000	TDR	11.50	—	11.50	10.25
	CE3AA048	40,500	TDR	11.50	—	11.50	10.30
	CK5A/CK5BW048	40,500	TDR	11.50	—	11.50	10.40
	CK5PW048	40,500	TDR&TXV	11.50	—	—	10.40
048-B	*CC5A/CD5AA060	47,000	NONE	10.50	11.00	11.00	9.80
	CC5A/CD5AC048	46,000	NONE	10.50	11.00	11.00	9.70
	CC5A/CD5AW048	46,500	NONE	10.50	11.00	11.00	9.80
	CC5A/CD5AW060	48,000	NONE	10.50	11.00	11.00	10.00
	CD5AA048	47,000	NONE	10.50	11.00	11.00	9.80
	CE3AA048	47,000	NONE	10.50	11.00	11.00	9.90
	CE3AA060	48,000	NONE	10.50	11.00	11.00	10.05
	CF5AA048	47,000	NONE	10.50	11.00	11.00	9.85
	CK3BA048	47,000	NONE	10.50	11.00	11.00	9.80
	CK3BA060	48,000	NONE	10.50	11.00	11.00	10.05
	CK5A/CK5BA048	47,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BA060	48,000	NONE	10.50	11.00	11.00	10.05
	CK5A/CK5BT048	47,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BT060	48,000	NONE	10.50	11.00	11.00	10.05
	CK5A/CK5BW048	47,000	NONE	10.50	11.00	11.00	9.80
	CK5A/CK5BX060	49,000	NONE	10.50	11.00	11.00	10.15
	CK5PA048	47,000	TXV	—	11.00	—	9.80
	CK5PA060	48,000	TXV	—	11.00	—	10.05
	CK5PT048	47,000	TXV	—	11.00	—	9.80
	CK5PT060	48,000	TXV	—	11.00	—	10.05
	CK5PW048	47,000	TXV	—	11.00	—	9.80
	CK5PX060	49,000	TXV	—	11.00	—	10.15
	F(A,B)4BN(F,B,C)048	47,000	TDR	11.00	—	11.00	9.75
	F(A,B)4BN(F,B,C)060	48,000	TDR	11.00	—	11.00	9.80
	FB4BNB070	49,000	TDR	11.00	—	11.00	10.10

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
048-B	FC4CN(F,B)048	47,000	TDR&TXV	11.00	—	—	9.75
	FC4CN(F,B)060	48,000	TDR&TXV	11.00	—	—	9.80
	FC4CNB054	48,500	TDR&TXV	11.00	—	—	10.15
	FC4CNB070	49,000	TDR&TXV	11.00	—	—	10.10
	FE4ANF005	48,000	TDR&TXV	12.00	—	—	10.60
	FE4ANB006	48,500	TDR&TXV	12.00	—	—	10.90
	FG3AAA048	46,000	NONE	11.00	—	—	9.75
	FG3AAA060	47,000	NONE	11.00	—	—	9.90
	FK4DNB006	48,500	TDR&TXV	12.00	—	—	10.90
	FK4DNF005	48,000	TDR&TXV	12.00	—	—	10.60
	FV4BNB006	48,500	TDR&TXV	12.00	—	—	10.90
	FV4BNF005	48,000	TDR&TXV	12.00	—	—	10.60
	FX4BNB060	48,000	TDR&TXV	11.00	—	—	10.10
	FX4BNF048	47,000	TDR&TXV	11.00	—	—	9.95
	COILS + 315(A,J)AV048090 VARIABLE-SPEED FURNACE						
	CC5A/CD5AC048	46,000	TDR	11.50	—	11.50	10.00
	CD5AA048	46,000	TDR	11.50	—	11.50	10.10
	CE3AA048	46,000	TDR	11.50	—	11.50	10.10
	CE3AA060	46,500	TDR	11.50	—	11.50	10.45
	CK3BA048	46,000	TDR	11.50	—	11.50	10.15
	CK5A/CK5BA048	46,000	TDR	11.50	—	11.50	10.15
	CK5A/CK5BT048	46,000	TDR	11.50	—	11.50	10.15
	CK5PA048	46,000	TDR&TXV	11.50	—	—	10.15
	CK5PT048	46,000	TDR&TXV	11.50	—	—	10.15
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	46,500	TDR	11.50	—	11.50	10.30
	CC5A/CD5AC048	46,000	TDR	11.50	—	11.50	10.20
	CC5A/CD5AW048	46,000	TDR	11.50	—	11.50	10.30
	CD5AA048	46,000	TDR	11.50	—	11.50	10.30
	CD5PX060	47,000	TDR&TXV	11.50	—	—	10.65
	CE3AA048	46,000	TDR	11.50	—	11.50	10.30
	CE3AA060	46,500	TDR	11.50	—	11.50	10.60
	CK3BA048	46,000	TDR	11.50	—	11.50	10.30
	CK3BA060	46,500	TDR	11.50	—	11.50	10.60
	CK5A/CK5BA048	46,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BA060	46,500	TDR	11.50	—	11.50	10.60
	CK5A/CK5BT048	46,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BT060	46,500	TDR	11.50	—	11.50	10.60
	CK5A/CK5BW048	46,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BX060	47,000	TDR	12.00	—	12.00	10.80
	CK5PA048	46,000	TDR&TXV	11.50	—	—	10.35
	CK5PA060	46,500	TDR&TXV	11.50	—	—	10.60
	CK5PT048	46,000	TDR&TXV	11.50	—	—	10.35
	CK5PT060	46,500	TDR&TXV	11.50	—	—	10.60
	CK5PW048	46,000	TDR&TXV	11.50	—	—	10.35
	CK5PX060	47,000	TDR&TXV	12.00	—	—	10.80
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	46,500	TDR	11.50	—	11.50	10.30
	CC5A/CD5AC048	46,000	TDR	11.50	—	11.50	10.15
	CC5A/CD5AW048	46,000	TDR	11.50	—	11.50	10.25
	CC5A/CD5AW060	47,000	TDR	12.00	—	12.00	10.55
	CD5AA048	46,000	TDR	11.50	—	11.50	10.25
	CE3AA048	46,000	TDR	11.50	—	11.50	10.25
	CE3AA060	46,500	TDR	11.50	—	11.50	10.60
	CK3BA048	46,000	TDR	11.50	—	11.50	10.30
	CK3BA060	46,500	TDR	11.50	—	11.50	10.55
	CK5A/CK5BA048	46,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BA060	46,500	TDR	11.50	—	11.50	10.55
	CK5A/CK5BT048	46,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BT060	46,500	TDR	11.50	—	11.50	10.55
	CK5A/CK5BW048	46,000	TDR	11.50	—	11.50	10.30
	CK5A/CK5BX060	47,000	TDR	12.00	—	12.00	10.75
	CK5PA048	46,000	TDR&TXV	11.50	—	—	10.30
	CK5PA060	46,500	TDR&TXV	11.50	—	—	10.55
	CK5PT048	46,000	TDR&TXV	11.50	—	—	10.30
	CK5PT060	46,500	TDR&TXV	11.50	—	—	10.55
	CK5PW048	46,000	TDR&TXV	11.50	—	—	10.30
	CK5PX060	47,000	TDR&TXV	12.00	—	—	10.75
	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	46,500	TDR	11.50	—	11.50	10.35
	CC5A/CD5AC048	46,000	TDR	11.50	—	11.50	10.25
	CC5A/CD5AW048	46,000	TDR	11.50	—	11.50	10.35
	CC5A/CD5AW060	47,000	TDR	12.00	—	12.00	10.65
	CD5AA048	46,000	TDR	11.50	—	11.50	10.35
	CE3AA048	46,000	TDR	11.50	—	11.50	10.35
	CE3AA060	46,500	TDR	11.50	—	11.50	10.65
	CK3BA048	46,000	TDR	11.50	—	11.50	10.35
	CK3BA060	46,500	TDR	11.50	—	11.50	10.65
	CK5A/CK5BA048	46,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BA060	46,500	TDR	11.50	—	11.50	10.65
	CK5A/CK5BT048	46,000	TDR	11.50	—	11.50	10.35

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
048-B	CK5A/CK5BT060	46,500	TDR	11.50	—	11.50	10.65
	CK5A/CK5BW048	46,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BX060	47,000	TDR	12.00	—	12.00	10.80
	CK5PA048	46,000	TDR&TXV	11.50	—	—	10.35
	CK5PA060	46,500	TDR&TXV	11.50	—	—	10.65
	CK5PT048	46,000	TDR&TXV	11.50	—	—	10.35
	CK5PT060	46,500	TDR&TXV	11.50	—	—	10.65
	CK5PW048	46,000	TDR&TXV	11.50	—	—	10.35
	CK5PX060	47,000	TDR&TXV	12.00	—	—	10.80
	COILS + 355MAV060080 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	46,000	TDR	11.50	—	11.50	9.65
	CC5A/CD5AW060	47,000	TDR	11.50	—	11.50	10.30
	CE3AA060	47,000	TDR	11.50	—	11.50	10.40
	COILS + 355MAV060100 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	46,500	TDR	11.50	—	11.50	10.10
	CC5A/CD5AW060	47,000	TDR	11.50	—	11.50	10.35
	CE3AA060	47,000	TDR	11.50	—	11.50	10.40
	CK3BA060	47,000	TDR	12.00	—	12.00	10.35
	CK5A/CK5BA060	47,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BT060	47,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BX060	47,500	TDR	12.00	—	12.00	10.50
	CK5PA060	47,000	TDR&TXV	11.50	—	—	10.35
	CK5PT060	47,000	TDR&TXV	11.50	—	—	10.35
	CK5PX060	47,500	TDR&TXV	11.50	—	—	10.50
	COILS + 355MAV060120 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	46,500	TDR	11.50	—	11.50	10.10
	CC5A/CD5AW060	47,000	TDR	11.50	—	11.50	10.35
	CE3AA060	47,000	TDR	11.50	—	11.50	10.40
	CK3BA060	47,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BA060	47,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BT060	47,000	TDR	11.50	—	11.50	10.35
	CK5A/CK5BW048	46,000	TDR	11.50	—	11.50	10.15
	CK5A/CK5BX060	47,500	TDR	12.00	—	12.00	10.55
	CK5PA060	47,000	TDR&TXV	11.50	—	—	10.35
	CK5PT060	47,000	TDR&TXV	11.50	—	—	10.35
	CK5PW048	46,000	TDR&TXV	11.50	—	—	10.15
	CK5PX060	47,500	TDR&TXV	11.50	—	—	10.55
060-B	*CC5A/CD5AW060	59,000	NONE	10.50	11.00	11.00	9.70
	CC5A/CD5AA060	56,000	NONE	10.30	10.80	10.80	9.50
	CE3AA060	59,000	NONE	10.50	11.00	11.00	9.80
	CK3BA060	59,000	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BA060	59,000	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BT060	59,000	NONE	10.50	11.00	11.00	9.70
	CK5A/CK5BX060	59,000	NONE	10.50	11.00	11.00	9.85
	CK5PA060	59,000	TXV	—	11.00	—	9.70
	CK5PT060	59,000	TXV	—	11.00	—	9.70
	CK5PX060	59,000	TXV	—	11.00	—	9.85
	F(A,B)4BN(F,B,C)060	59,000	TDR	10.50	—	10.50	9.45
	FB4BNB070	60,000	TDR	11.00	—	11.00	9.80
	FC4CN(F,B)060	59,000	TDR&TXV	10.50	—	—	9.45
	FC4CNB070	60,000	TDR&TXV	11.00	—	—	9.80
	FE4BNB006	60,000	TDR&TXV	11.50	—	—	10.40
	FG3AA060	58,000	NONE	11.00	—	—	9.60
	FK4DNB006	60,000	TDR&TXV	11.50	—	—	10.30
	FV4BNB006	60,000	TDR&TXV	11.50	—	—	10.40
	FX4BNB060	59,000	TDR&TXV	11.00	—	—	9.90
	COILS + 315(A,J)AV066110 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	56,500	TDR	11.00	—	11.00	9.75
	CD5PX060	58,500	TDR&TXV	11.00	—	—	10.05
	CE3AA060	57,500	TDR	11.00	—	11.00	10.10
	CK3BA060	57,500	TDR	11.00	—	11.00	10.00
	CK5A/CK5BA060	57,500	TDR	11.00	—	11.00	10.00
	CK5A/CK5BT060	57,500	TDR	11.00	—	11.00	10.00
	CK5A/CK5BX060	58,500	TDR	11.00	—	11.00	10.20
	CK5PA060	57,500	TDR&TXV	11.00	—	—	10.00
	CK5PT060	57,500	TDR&TXV	11.00	—	—	10.00
	CK5PX060	58,500	TDR&TXV	11.00	—	—	10.20
	COILS + 315(A,J)AV066135 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	56,500	TDR	11.00	—	11.00	9.70
	CC5A/CD5AW060	58,500	TDR	11.00	—	11.00	10.00
	CD5PX060	58,500	TDR&TXV	11.00	—	—	10.05
	CE3AA060	57,500	TDR	11.00	—	11.00	10.05
	CK3BA060	57,500	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA060	57,500	TDR	11.00	—	11.00	9.95
	CK5A/CK5BT060	57,500	TDR	11.00	—	11.00	9.95
	CK5A/CK5BX060	58,500	TDR	11.00	—	11.00	10.20
	CK5PA060	57,500	TDR&TXV	11.00	—	—	9.95
	CK5PT060	57,500	TDR&TXV	11.00	—	—	9.95
	CK5PX060	58,500	TDR&TXV	11.00	—	—	10.20

See notes on page 17.

COMBINATION RATINGS continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				Standard Rating	Bryant Gas Furnace or Accessory TDR†	Accessory Puron TXV‡	
060-B	COILS + 315(A,J)AV066155 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	56,500	TDR	11.00	—	11.00	9.80
	CC5A/CD5AW060	58,500	TDR	11.00	—	11.00	10.00
	CD5PX060	58,500	TDR&TXV	11.00	—	—	10.15
	CE3AA060	57,500	TDR	11.00	—	11.00	10.15
	CK3BA060	57,500	TDR	11.00	—	11.00	10.05
	CK5A/CK5BA060	57,500	TDR	11.00	—	11.00	10.05
	CK5A/CK5BT060	57,500	TDR	11.00	—	11.00	10.05
	CK5A/CK5BX060	58,500	TDR	11.00	—	11.00	10.25
	CK5PA060	57,500	TDR&TXV	11.00	—	—	10.05
	CK5PT060	57,500	TDR&TXV	11.00	—	—	10.05
	CK5PX060	58,500	TDR&TXV	11.00	—	—	10.25

* 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 Puron® compatible and hard shutoff type.

EER — Energy Efficiency Ratio

SEER — Seasonal Energy Efficiency Ratio

TDR — Time-Delay Relay

TXV — Puron® Thermostatic Expansion Valve

- NOTES:**
1. Ratings are net values reflecting the effects of circulating fan motor heat. Supplemental electric heat is not included.
 2. Tested outdoor/indoor combinations have been tested in accordance with DOE test procedures for electric air conditioners. Ratings for other combinations are determined under DOE computer simulation procedures.
 3. Determine actual CFM values obtainable for your system by referring to fan performance data in fan coil or furnace coil literature.
 4. Do not apply with capillary tube coils as performance and reliability are significantly affected.

DETAILED COOLING CAPACITIES*

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																			
		75			85			95			105			115			125				
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**		
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡			
591BN018-B Outdoor Section Total With CC5A/CD5AA024 Indoor Section																					
525	72	19.72	10.53	1.36	19.33	10.38	1.56	18.62	10.04	1.78	17.71	9.64	2.03	16.64	9.21	2.29	15.43	8.75	2.58		
	67	18.66	12.85	1.34	17.95	12.62	1.54	17.05	12.25	1.76	15.99	11.80	2.01	14.89	11.35	2.26	13.68	10.86	2.54		
	62	17.08	15.20	1.32	16.15	14.80	1.52	15.20	14.33	1.73	14.22	13.83	1.95	13.19	13.19	2.20	12.30	12.30	2.47		
	57	16.12	16.12	1.32	15.46	15.46	1.51	14.75	14.75	1.72	13.99	13.99	1.95	13.18	13.18	2.20	12.30	12.30	2.47		
600	72	19.97	10.72	1.40	19.58	10.64	1.59	18.91	10.44	1.82	17.99	10.10	2.06	16.90	9.69	2.32	15.65	9.22	2.61		
	67	18.98	13.38	1.37	18.32	13.28	1.57	17.40	12.99	1.79	16.35	12.60	2.04	15.19	12.14	2.31	13.95	11.64	2.58		
	62	17.51	16.15	1.36	16.55	15.83	1.56	15.57	15.29	1.77	14.61	14.61	1.99	13.77	13.77	2.25	12.84	12.84	2.53		
	57	16.86	16.86	1.35	16.15	16.15	1.55	15.39	15.39	1.76	14.61	14.61	1.99	13.77	13.77	2.25	12.85	12.85	2.53		
675	72	20.11	10.86	1.43	19.70	10.82	1.63	19.10	10.72	1.85	18.19	10.44	2.09	17.08	10.06	2.35	15.81	9.60	2.64		
	67	19.16	13.74	1.41	18.57	13.83	1.60	17.66	13.65	1.82	16.59	13.32	2.07	15.44	12.89	2.34	14.14	12.36	2.62		
	62	17.82	16.94	1.39	16.89	16.67	1.59	15.93	15.93	1.81	15.13	15.13	2.04	14.25	14.25	2.30	13.30	13.30	2.58		
	57	17.43	17.43	1.38	16.74	16.74	1.59	15.94	15.94	1.81	15.13	15.13	2.04	14.25	14.25	2.30	13.30	13.30	2.58		
Multipliers for Determining the Performance With Other Indoor Sections																					
Indoor Section		Size	Cooling		Indoor Section		Size	Cooling													
			Capacity	Power				Capacity	Power												
CC5A/CD5AA		018	0.98 1.00		FV4BNF		002	1.02 0.90													
		024	1.00 1.00					018 1.00 0.98													
CC5A/CD5AW		024	1.00 1.00		COILS + 315(A,J)AV036070 VARIABLE SPEED FURNACE																
CE3AA		024	1.00 0.99		CC5A/CD5AA		018	0.97 0.90													
CF5AA		024	1.00 0.99				024	1.00 0.91													
CK3BA		024	1.00 0.99		CC5A/CD5AW		024	1.00 0.91													
CK5A/CK5BA		018	0.98 0.99		CE3AA		024	1.00 0.90													
		024	1.00 0.99		CK3BA		024	1.00 0.90													
CK5A/CK5BW		024	1.00 0.99		CK5A/CK5BA		018	0.98 0.90													
CK5PA		018	0.98 0.99					024 1.00 0.90													
		024	1.00 0.99		CK5A/CK5BW		024	1.00 0.90													
CK5PW		024	1.00 0.99		CK5PA		018	0.98 0.90													
“F(A,B)4BN(F,C)		018	0.98 0.99					024 1.00 0.90													
		024	1.00 0.98		CK5PW		024	1.00 0.90													
FC4CNF		024	1.00 0.98		COILS + 315(A,J)AV042060 VARIABLE SPEED FURNACE																
FE4ANF		002	1.02 0.90		CC5A/CD5AW		024	1.00 0.92													
FF1DNA		018	0.98 0.96		CE3AA		024	1.00 0.91													
		024	1.00 0.99		CK5A/CK5BW		024	1.00 0.91													
FG3AAA		024	0.99 1.00		CK5PW		024	1.00 0.91													
FK4DNF		001	1.00 0.88		COILS + 355MAV042080 VARIABLE SPEED FURNACE																
		002	1.02 0.90		CC5A/CD5AW		024	1.00 0.91													

See notes on page 28.

DETAILED COOLING CAPACITIES Continued*

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
591BN024-B Outdoor Section With CC5A/CD5AA030 Indoor Section																			
700	72	28.41	14.57	2.00	27.22	14.15	2.21	25.86	13.63	2.44	24.37	13.07	2.70	22.74	12.46	2.97	20.94	11.80	3.26
	67	26.03	17.80	1.96	24.66	17.24	2.18	23.22	16.64	2.42	21.72	16.02	2.68	20.16	15.38	2.94	18.50	14.72	3.23
	62	23.22	20.72	1.95	21.95	20.11	2.15	20.68	19.49	2.36	19.29	18.79	2.60	17.87	17.87	2.86	16.66	16.66	3.14
	57	22.00	22.00	1.93	21.06	21.06	2.13	20.09	20.09	2.35	19.02	19.02	2.59	17.88	17.88	2.86	16.66	16.66	3.14
800	72	28.88	15.11	2.04	27.73	14.74	2.25	26.33	14.25	2.49	24.81	13.70	2.74	23.14	13.11	3.02	21.29	12.44	3.31
	67	26.67	18.87	2.01	25.28	18.35	2.22	23.80	17.77	2.45	22.25	17.16	2.71	20.61	16.51	2.99	18.87	15.81	3.29
	62	23.93	22.26	1.98	22.51	21.57	2.20	21.21	20.88	2.42	19.92	19.92	2.66	18.73	18.73	2.93	17.44	17.44	3.22
	57	23.05	23.05	1.98	22.05	22.05	2.19	21.03	21.03	2.41	19.92	19.92	2.66	18.73	18.73	2.93	17.45	17.44	3.22
900	72	29.21	15.59	2.09	28.04	15.24	2.30	26.65	14.80	2.53	25.11	14.26	2.79	23.41	13.68	3.06	21.51	13.00	3.35
	67	27.09	19.81	2.05	25.72	19.36	2.26	24.22	18.81	2.49	22.64	18.21	2.75	20.95	17.56	3.03	19.13	16.83	3.32
	62	24.49	23.63	2.02	22.96	22.96	2.25	21.81	21.81	2.48	20.67	20.67	2.73	19.43	19.43	3.00	18.11	18.11	3.29
	57	24.03	24.03	2.02	22.89	22.89	2.25	21.82	21.82	2.48	20.67	20.67	2.73	19.43	19.43	3.00	18.11	18.11	3.30
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size	Cooling		Indoor Section		Size	Cooling											
			Capacity	Power				Capacity	Power										
CC5A/CD5AA		024	0.98 0.99		CC5A/CD5AW		024	0.98 0.92											
		030	1.00 1.00				030	1.00 0.92											
CC5A/CD5AW		024	0.98 0.99		CE3AA		024	0.98 0.91											
		030	1.00 1.00				030	1.00 0.91											
CE3AA		024	0.98 0.98		CK3BA		024	0.98 0.90											
		030	1.00 0.99				030	1.00 0.91											
CF5AA		024	0.98 0.99		CK5A/CK5BA		024	0.98 0.90											
		030	1.00 0.99				030	1.00 0.91											
CK3BA		024	0.98 0.98		CK5A/CK5BW		024	0.98 0.90											
		030	1.00 0.99				030	1.00 0.91											
CK5A/CK5BA		024	0.98 0.98		CK5PA		024	0.98 0.90											
		030	1.00 0.99				030	1.00 0.91											
CK5A/CK5BW		024	0.98 0.98		CK5PW		024	0.98 0.90											
		030	1.00 0.99				030	1.00 0.91											
CK5PA		024	0.98 0.98		COILS + 355MAV042060 VARIABLE SPEED FURNACE														
		030	1.00 0.99																
CK5PW		024	0.98 0.98		CC5A/CD5AW		024	0.98 0.93											
		030	1.00 0.99				030	1.00 0.92											
F(A,B)4BN(F,C)		024	0.98 0.97		CE3AA		024	0.98 0.93											
		030	1.00 1.00				030	1.00 0.92											
FC4CNF		024	0.98 0.97		CK3BA		024	0.98 0.92											
		030	1.00 0.97				030	1.00 0.92											
FE4ANF		002	1.01 0.91		CK5A/CK5BW		024	0.98 0.92											
		003	1.02 0.89				030	1.00 0.92											
FF1DNA		024	0.98 0.99		CK5PW		024	0.98 0.92											
		030	1.00 0.99				030	1.00 0.92											
FG3AAA		024	0.98 1.00		COILS + 355MAV042080 VARIABLE SPEED FURNACE														
FK4DNF		001	1.01 0.91		CC5A/CD5AW		024	0.98 0.92											
		002	1.01 0.91				030	1.00 0.92											
		003	1.02 0.89		CE3AA		024	0.98 0.92											
FV4BNF		002	1.01 0.91				030	1.00 0.92											
		003	1.02 0.89		CK5A/CK5BW		024	0.98 0.90											
FX4BNF		030	1.00 0.97				030	1.00 0.91											
		COILS + 315(A,J)AV036070 VARIABLE SPEED FURNACE						CK5PW		024	0.98 0.90								
CC5A/CD5AA		024	0.98 0.92		030	1.00 0.91													
		030	1.00 0.92		— — —														

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
591BN030-B Outdoor Section With CC5A/CD5AA036 Indoor Section																			
875	72	34.62	17.93	2.44	33.18	17.42	2.69	31.51	16.82	2.97	29.70	16.15	3.28	27.73	15.42	3.61	25.54	14.62	3.96
	67	31.79	22.11	2.40	30.14	21.45	2.66	28.38	20.74	2.94	26.59	20.02	3.25	24.67	19.23	3.58	22.68	18.44	3.93
	62	28.42	25.88	2.38	26.87	25.12	2.62	25.30	24.33	2.88	23.65	23.42	3.17	22.12	22.12	3.49	20.65	20.65	3.84
	57	27.16	27.16	2.36	26.00	26.00	2.61	24.79	24.79	2.87	23.49	23.49	3.17	22.13	22.13	3.49	20.65	20.65	3.84
1000	72	35.12	18.58	2.50	33.68	18.08	2.76	32.01	17.56	3.03	30.15	16.90	3.33	28.13	16.19	3.66	25.88	15.37	4.02
	67	32.51	23.38	2.46	30.79	22.79	2.71	29.00	22.11	2.99	27.13	21.38	3.30	25.16	20.62	3.64	23.07	19.77	3.99
	62	29.22	27.72	2.43	27.49	26.83	2.69	25.92	25.92	2.95	24.53	24.53	3.25	23.08	23.08	3.57	21.54	21.54	3.93
	57	28.41	28.41	2.43	27.12	27.12	2.67	25.87	25.87	2.95	24.54	24.54	3.25	23.09	23.09	3.57	21.54	21.54	3.93
1125	72	35.48	19.15	2.56	34.01	18.69	2.81	32.35	18.23	3.09	30.46	17.59	3.39	28.41	16.89	3.72	26.10	16.06	4.07
	67	32.97	24.50	2.51	31.28	24.04	2.76	29.45	23.39	3.04	27.55	22.69	3.35	25.52	21.89	3.68	23.34	21.00	4.03
	62	29.87	29.32	2.48	28.16	28.16	2.75	26.82	26.82	3.03	25.41	25.41	3.33	23.90	23.90	3.66	22.33	22.33	4.03
	57	29.53	29.53	2.48	28.15	28.15	2.75	26.83	26.83	3.03	25.42	25.42	3.33	23.92	23.92	3.66	22.34	22.34	4.03
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling				Indoor Section		Size		Cooling							
				Capacity		Power						Capacity		Power					
CC5A/CD5AA		030		0.97		0.99		CC5A/CD5AW		030		0.97		0.93					
		036		1.00		1.00				CE3AA		030		0.97		0.92			
CC5A/CD5AW		030		0.97		0.99		CK3BA		036		0.98		0.92					
		036		1.00		1.00				030		0.97		0.92					
CE3AA		030		0.97		0.98		CK5A/CK5BA		036		0.99		0.91					
		036		0.97		0.98				030		0.97		0.92					
CF5AA		036		0.97		0.98				036		0.99		0.91					
CK3BA		030		0.97		0.99		CK5A/CK5BT		036		0.99		0.91					
		036		1.00		0.99				CK5A/CK5BW		030		0.97		0.92			
CK5A/CK5BA		030		0.97		0.99		CK5PA		030		0.97		0.92					
		036		1.00		0.99				036		0.99		0.91					
CK5A/CK5BT		036		1.00		0.99		CK5PT		036		0.99		0.91					
CK5A/CK5BW		030		0.97		0.99		CK5PW		030		0.97		0.92					
		036		1.00		0.99				COILS + 315(A,J)AV048090 VARIABLE SPEED FURNACE									
CK5PA		030		0.97		0.99		CC5A/CD5AA				030		0.97		0.91			
		036		1.00		0.99		036				0.99		0.91					
CK5PT		036		1.00		0.99		CC5A/CD5AW				030		0.97		0.91			
CK5PW		030		0.97		0.99		CE3AA				036		0.99		0.91			
		036		1.00		0.99						030		0.97		0.91			
F(A,B)4BN(F,C)		030		0.98		0.96		CK3BA				036		0.98		0.91			
		036		0.99		1.01						030		0.97		0.91			
FC4CNF		030		0.98		0.98		CK5A/CK5BA				036		0.99		0.90			
		036		0.99		1.01						030		0.97		0.91			
FE4ANF		002		0.99		0.92		CK5A/CK5BW		036		0.99		0.90					
		003		0.99		0.90				030		0.97		0.91					
FV4BNF		005		1.00		0.89				036		0.99		0.90					
FF1DNA		030		0.98		0.99		CK5PA		030		0.97		0.91					
FG3AAA		036		0.97		0.98				036		0.99		0.90					
FK4DNF		001		0.99		0.92		CK5PT		036		0.99		0.90					
		002		0.99		0.92				CK5PW		030		0.97		0.91			
		003		0.99		0.90		036				0.99		0.90					
		005		1.00		0.89		COILS + 355MAV042060 VARIABLE SPEED FURNACE											
FV4BNF		002		0.99		0.92				CC5A/CD5AA		036		0.99		0.93			
		003		0.99		0.90				CC5A/CD5AW		030		0.97		0.94			
		005		1.00		0.89				CE3AA		030		0.97		0.93			
FX4BNF		030		0.98		0.98				CE3AA		036		0.99		0.95			
		036		0.99		1.00				CK3BA		036		0.99		0.93			
COILS + 315(A,J)AV036070 VARIABLE SPEED FURNACE										CK5A/CK5BA		036		0.99		0.93			
CC5A/CD5AA		030		0.97		0.93				CK5A/CK5BT		036		0.99		0.93			
		036		0.99		0.92				CK5A/CK5BW		030		0.97		0.94			

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																			
		75			85			95			105			115			125				
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**		
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡			
591BN030-B Outdoor Section With CC5A/CD5AA036 Indoor Section continued																					
875	72	34.62	17.93	2.44	33.18	17.42	2.69	31.51	16.82	2.97	29.70	16.15	3.28	27.73	15.42	3.61	25.54	14.62	3.96		
	67	31.79	22.11	2.40	30.14	21.45	2.66	28.38	20.74	2.94	26.59	20.02	3.25	24.67	19.23	3.58	22.68	18.44	3.93		
	62	28.42	25.88	2.38	26.87	25.12	2.62	25.30	24.33	2.88	23.65	23.42	3.17	22.12	22.12	3.49	20.65	20.65	3.84		
	57	27.16	27.16	2.36	26.00	26.00	2.61	24.79	24.79	2.87	23.49	23.49	3.17	22.13	22.13	3.49	20.65	20.65	3.84		
1000	72	35.12	18.58	2.50	33.68	18.08	2.76	32.01	17.56	3.03	30.15	16.90	3.33	28.13	16.19	3.66	25.88	15.37	4.02		
	67	32.51	23.38	2.46	30.79	22.79	2.71	29.00	22.11	2.99	27.13	21.38	3.30	25.16	20.62	3.64	23.07	19.77	3.99		
	62	29.22	27.72	2.43	27.49	26.83	2.69	25.92	25.92	2.95	24.53	24.53	3.25	23.08	23.08	3.57	21.54	21.54	3.93		
	57	28.41	28.41	2.43	27.12	27.12	2.67	25.87	25.87	2.95	24.54	24.54	3.25	23.09	23.09	3.57	21.54	21.54	3.93		
1125	72	35.48	19.15	2.56	34.01	18.69	2.81	32.35	18.23	3.09	30.46	17.59	3.39	28.41	16.89	3.72	26.10	16.06	4.07		
	67	32.97	24.50	2.51	31.28	24.04	2.76	29.45	23.39	3.04	27.55	22.69	3.35	25.52	21.89	3.68	23.34	21.00	4.03		
	62	29.87	29.32	2.48	28.16	28.16	2.75	26.82	26.82	3.03	25.41	25.41	3.33	23.90	23.90	3.66	22.33	22.33	4.03		
	57	29.53	29.53	2.48	28.15	28.15	2.75	26.83	26.83	3.03	25.42	25.42	3.33	23.92	23.92	3.66	22.34	22.34	4.03		
Multipliers for Determining the Performance With Other Indoor Sections																					
Indoor Section		Size		Cooling		Indoor Section		Size		Cooling											
				Capacity	Power					Capacity	Power										
CK5PA		036		0.99 0.93		CE3AA		030		0.97 0.92											
CK5PT		036		0.99 0.93				036		0.99 0.93											
CK5PW		030		0.97 0.94		CK5A/CK5BW		030		0.97 0.92											
								036		0.99 0.91											
COILS + 355MAV042080 VARIABLE SPEED FURNACE																					
CC5A/CD5AW		030		0.97 0.93		CK5PW		030		0.97 0.92											
		036		0.99 0.92				036		0.99 0.91											
CE3AA		030		0.97 0.92		COILS + 355MAV060120 VARIABLE SPEED FURNACE															
		036		0.99 0.93		CC5A/CD5AW		036		0.99 0.92											
CK5A/CK5BW		036		0.99 0.92		CE3AA		030		0.97 0.92											
CK5PW		036		0.99 0.92				036		0.99 0.93											
COILS + 355MAV060100 VARIABLE SPEED FURNACE						CK5A/CK5BW		036		0.99 0.91											
CC5A/CD5AW		036		0.99 0.92		CK5PW		036		0.99 0.91											

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																			
		75			85			95			105			115			125				
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**		
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡
591BN036-B Outdoor Section With CC5A/CD5AA042 Indoor Section																					
1050	72	42.30	21.87	2.99	40.41	21.15	3.28	38.37	20.38	3.62	36.15	19.55	3.98	33.63	18.62	4.36	30.84	17.60	4.77		
	67	38.65	26.76	2.96	36.69	25.95	3.26	34.62	25.11	3.60	32.26	24.14	3.96	29.82	23.15	4.33	27.19	22.09	4.73		
	62	34.55	31.25	2.93	32.77	30.37	3.22	30.78	29.36	3.53	28.62	28.18	3.86	26.52	26.52	4.23	24.67	24.67	4.64		
	57	32.91	32.91	2.91	31.49	31.49	3.20	30.00	30.00	3.52	28.33	28.33	3.85	26.53	26.53	4.23	24.67	24.67	4.64		
1200	72	42.98	22.71	3.05	41.08	22.02	3.35	39.04	21.28	3.69	36.71	20.45	4.04	34.14	19.54	4.43	31.26	18.50	4.84		
	67	39.54	28.35	3.02	37.61	27.61	3.32	35.40	26.76	3.65	32.99	25.83	4.01	30.43	24.83	4.41	27.75	23.73	4.82		
	62	35.51	33.48	3.00	33.57	32.47	3.30	31.49	31.49	3.61	29.61	29.61	3.95	27.80	27.80	4.33	25.79	25.79	4.75		
	57	34.40	34.40	2.99	32.98	32.98	3.28	31.37	31.37	3.60	29.62	29.62	3.95	27.81	27.81	4.33	25.80	25.80	4.75		
1350	72	43.46	23.44	3.12	41.56	22.80	3.42	39.45	22.06	3.75	37.09	21.25	4.11	34.48	20.36	4.49	31.55	19.31	4.90		
	67	40.23	29.84	3.08	38.21	29.10	3.38	35.97	28.29	3.71	33.52	27.39	4.07	30.89	26.36	4.46	28.15	25.23	4.88		
	62	36.33	35.44	3.06	34.27	34.27	3.37	32.49	32.49	3.70	30.76	30.76	4.05	28.81	28.81	4.43	26.74	26.74	4.85		
	57	35.80	35.80	3.06	34.19	34.19	3.37	32.50	32.50	3.70	30.78	30.78	4.05	28.82	28.82	4.43	26.76	26.76	4.85		
Multipliers for Determining the Performance With Other Indoor Sections																					
Indoor Section		Size	Cooling		Indoor Section		Size	Cooling													
			Capacity	Power				Capacity	Power												
CC5A/CD5AA		036	0.99		CK5A/CK5BE		042	1.00		0.94											
		042	1.00				036	0.99		0.94											
CC5A/CD5AW		036	0.99		CK5PA		036	0.99		0.94											
CE3AA		036	0.99		CK5PE		042	1.00		0.94											
		042	1.00				036	0.99		0.94											
CF5AA		036	0.99		COILS + 315(A,J)AV048090 VARIABLE SPEED FURNACE																
CK3BA		036	0.99		CC5A/CD5AA		036	0.99		0.93											
		042	1.00		CC5A/CD5AA		042	1.00		0.93											
CK5A/CK5BA		036	0.99		CC5A/CD5AW		036	0.99		0.93											
		042	1.00		CE3AA		036	0.98		0.93											
CK5A/CK5BT		036	0.99				042	0.99		0.92											
		042	1.00		CK3BA		036	0.99		0.92											
CK5A/CK5BW		036	0.99				042	1.00		0.93											
CK5PA		036	0.99		CK5A/CK5BA		036	0.99		0.92											
		042	1.00				042	1.00		0.93											
CK5PT		036	0.99		CK5A/CK5BE		042	1.00		0.92											
		042	1.00		CK5A/CK5BT		036	0.99		0.92											
CK5PW		036	0.99		042	1.00		0.93													
F(A,B)4BN(F,B,C)		042	1.00		CK5A/CK5BW		036	0.99		0.92											
F(A,B)4BN(F,C)		036	0.99		CK5PA		036	0.99		0.92											
FC4CN(F,B)		042	1.00				042	1.00		0.93											
FC4CNF		036	0.99		CK5PE		042	1.00		0.92											
FE4ANF		002	0.99		CK5PT		036	0.99		0.92											
		003	1.00				042	1.00		0.93											
		005	1.02		0.90		CK5PW		036	0.99		0.92									
FE4BNB		006	1.03		0.90		COILS + 315(A,J)AV066110 VARIABLE SPEED FURNACE														
FG3AAA		036	0.99		1.01		CC5A/CD5AA		036	0.99		0.92									
FK4DNB		006	1.03		0.90		CC5A/CD5AW		042	1.00		0.92									
FK4DNF		001	0.99		0.95				036	0.99		0.92									
		002	0.99		0.95		042	1.00		0.93											
		003	1.00		0.92		CE3AA		036	0.98		0.93									
		005	1.02		0.90				042	0.99		0.91									
FV4BNB		006	1.03		0.90		CK3BA		036	0.99		0.92									
FV4BNF		002	0.99		0.94		CK5A/CK5BA		042	1.00		0.92									
		003	1.00		0.92				036	0.99		0.92									
		005	1.02		0.90		042	1.00		0.92											
FX4BNF		036	0.99		1.01		CK5A/CK5BT		036	0.99		0.92									
		042	1.00		0.98		042	1.00		0.92											
COILS + 315(A,J)AV036070 VARIABLE SPEED FURNACE								CK5A/CK5BW		036	0.99		0.92								
CC5A/CD5AA		036	0.99		0.94		CK5PA		036	0.99		0.92									
CE3AA		036	0.98		0.94				042	1.00		0.92									
		042	0.99		0.94		CK5PT		036	0.99		0.92									
CK3BA		036	0.99		0.94		042		1.00		0.92										

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
591BN036-B Outdoor Section With CC5A/CD5AA042 Indoor Section continued																			
1050	72	42.30	21.87	2.99	40.41	21.15	3.28	38.37	20.38	3.62	36.15	19.55	3.98	33.63	18.62	4.36	30.84	17.60	4.77
	67	38.65	26.76	2.96	36.69	25.95	3.26	34.62	25.11	3.60	32.26	24.14	3.96	29.82	23.15	4.33	27.19	22.09	4.73
	62	34.55	31.25	2.93	32.77	30.37	3.22	30.78	29.36	3.53	28.62	28.18	3.86	26.52	26.52	4.23	24.67	24.67	4.64
	57	32.91	32.91	2.91	31.49	31.49	3.20	30.00	30.00	3.52	28.33	28.33	3.85	26.53	26.53	4.23	24.67	24.67	4.64
1200	72	42.98	22.71	3.05	41.08	22.02	3.35	39.04	21.28	3.69	36.71	20.45	4.04	34.14	19.54	4.43	31.26	18.50	4.84
	67	39.54	28.35	3.02	37.61	27.61	3.32	35.40	26.76	3.65	32.99	25.83	4.01	30.43	24.83	4.41	27.75	23.73	4.82
	62	35.51	33.48	3.00	33.57	32.47	3.30	31.49	31.49	3.61	29.61	29.61	3.95	27.80	27.80	4.33	25.79	25.79	4.75
	57	34.40	34.40	2.99	32.98	32.98	3.28	31.37	31.37	3.60	29.62	29.62	3.95	27.81	27.81	4.33	25.80	25.80	4.75
1350	72	43.46	23.44	3.12	41.56	22.80	3.42	39.45	22.06	3.75	37.09	21.25	4.11	34.48	20.36	4.49	31.55	19.31	4.90
	67	40.23	29.84	3.08	38.21	29.10	3.38	35.97	28.29	3.71	33.52	27.39	4.07	30.89	26.36	4.46	28.15	25.23	4.88
	62	36.33	35.44	3.06	34.27	34.27	3.37	32.49	32.49	3.70	30.76	30.76	4.05	28.81	28.81	4.43	26.74	26.74	4.85
	57	35.80	35.80	3.06	34.19	34.19	3.37	32.50	32.50	3.70	30.78	30.78	4.05	28.82	28.82	4.43	26.76	26.76	4.85
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling		Indoor Section		Size		Cooling		Indoor Section		Size		Cooling		Indoor Section	
				Capacity		Power						Capacity		Power					
CK5PW		036		0.99		0.92		CK5A/CK5BA		042		1.00		0.94		CK5A/CK5BT		042	
COILS + 315(A,J)AV066135 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.92		CK5A/CK5BW		036		0.99		0.94		CK5PA		042	
CC5A/CD5AW		036		0.99		0.93		CK5PT		042		1.00		0.94		CE3AA		036	
CE3AA		042		0.98		0.93		CK5PW		036		0.99		0.94		COILS + 355MAV060080 VARIABLE SPEED FURNACE			
CK3BA		042		0.99		0.92		CC5A/CD5AA		042		1.00		0.94		CC5A/CD5AW		036	
CK5A/CK5BA		042		1.00		0.92		CC5A/CD5AW		036		0.99		0.94		CK5PA		042	
CK5A/CK5BT		042		1.00		0.92		CE3AA		036		0.98		0.94		CK5PT		042	
CK5A/CK5BW		036		0.99		0.92		CK3BA		042		1.00		0.95		CK5PW		036	
CK5PA		042		1.00		0.92		CK5A/CK5BA		042		1.00		0.95		CK5A/CK5BT		042	
CK5PT		042		1.00		0.92		CK5A/CK5BT		042		1.00		0.95		COILS + 315(A,J)AV066155 VARIABLE SPEED FURNACE			
CK5PW		036		0.99		0.92		CK5A/CK5BW		036		0.99		0.94		CC5A/CD5AA		042	
COILS + 315(A,J)AV066155 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.92		CK5PA		042		1.00		0.95		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.92		CK5PT		042		1.00		0.95		CE3AA		036	
CE3AA		042		0.98		0.93		CK5PW		036		0.99		0.94		COILS + 355MAV060100 VARIABLE SPEED FURNACE			
CK3BA		042		0.99		0.91		CC5A/CD5AA		042		1.00		0.94		CC5A/CD5AW		036	
CK5A/CK5BA		042		1.00		0.92		CE3AA		036		0.98		0.94		CK5PA		042	
CK5A/CK5BT		042		1.00		0.92		CK3BA		042		1.00		0.93		CK5PT		042	
CK5A/CK5BW		036		0.99		0.92		CK5A/CK5BA		042		1.00		0.93		CK5PW		036	
CK5PA		042		1.00		0.92		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV042060 VARIABLE SPEED FURNACE			
CK5PT		042		1.00		0.92		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
CK5PW		036		0.99		0.92		CK5PA		042		1.00		0.93		CE3AA		036	
COILS + 355MAV042060 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		036		0.98		0.95		CK5PW		036		0.99		0.92		COILS + 355MAV060120 VARIABLE SPEED FURNACE			
CK3BA		042		0.99		0.94		CC5A/CD5AA		042		1.00		0.94		CC5A/CD5AW		036	
CK5A/CK5BA		036		0.99		0.94		CE3AA		036		0.98		0.94		CK5PA		042	
CK5A/CK5BT		036		0.99		0.94		CK3BA		042		1.00		0.93		CK5PT		042	
CK5PA		036		0.99		0.94		CK5A/CK5BA		042		1.00		0.93		COILS + 355MAV042080 VARIABLE SPEED FURNACE			
CK5PT		036		0.99		0.94		CK5A/CK5BT		042		1.00		0.93		CC5A/CD5AA		042	
COILS + 355MAV042080 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PA		042		1.00		0.93		CE3AA		036	
CE3AA		042		0.98		0.94		CK5PT		042		1.00		0.93		CK3BA		042	
CK3BA		042		1.00		0.94		CK5PW		036		0.99		0.92		COILS + 355MAV060100 VARIABLE SPEED FURNACE			
COILS + 355MAV060100 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060120 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060120 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060100 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060100 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060120 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060120 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060100 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060100 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060120 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060120 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060100 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060100 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060120 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060120 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060100 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060100 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042		1.00		0.93		COILS + 355MAV060120 VARIABLE SPEED FURNACE			
CK3BA		042		1.00		0.94		CK5A/CK5BW		036		0.99		0.92		CC5A/CD5AA		042	
COILS + 355MAV060120 VARIABLE SPEED FURNACE																			
CC5A/CD5AA		042		1.00		0.94		CK5A/CK5BA		042		1.00		0.93		CC5A/CD5AW		036	
CC5A/CD5AW		036		0.99		0.94		CK5PT		042		1.00		0.93		CK5PW		036	
CE3AA		042		0.98		0.94		CK5A/CK5BT		042									

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
591BN042-B Outdoor Section With CC5A/CD5AA048 Indoor Section																			
1225	72	47.78	25.26	3.42	46.00	24.38	3.78	43.85	23.49	4.19	41.49	22.54	4.63	38.88	21.53	5.10	35.81	20.41	5.59
	67	44.33	30.45	3.39	42.28	29.55	3.76	40.14	28.60	4.16	37.79	27.59	4.60	35.15	26.47	5.07	32.28	25.29	5.56
	62	40.04	35.47	3.36	38.02	34.48	3.71	35.89	33.42	4.09	33.50	32.20	4.49	30.89	30.89	4.92	28.70	28.70	5.41
	57	37.66	37.66	3.32	36.11	36.11	3.67	34.45	34.45	4.05	32.72	32.71	4.47	30.75	30.75	4.91	28.72	28.72	5.41
1400	72	48.46	26.11	3.50	46.75	25.46	3.86	44.56	24.57	4.27	42.17	23.61	4.71	39.41	22.52	5.18	36.25	21.27	5.67
	67	45.25	31.99	3.46	43.20	31.19	3.83	41.00	30.29	4.23	38.52	29.29	4.67	35.80	28.20	5.13	32.85	27.01	5.63
	62	41.07	37.81	3.44	38.93	36.76	3.80	36.69	35.57	4.18	34.26	34.26	4.58	32.10	32.10	5.03	29.99	29.99	5.54
	57	39.27	39.27	3.42	37.68	37.68	3.77	36.01	36.01	4.16	34.12	34.12	4.58	32.12	32.12	5.04	30.00	30.00	5.54
1575	72	49.00	26.67	3.57	47.32	26.16	3.94	45.13	25.32	4.35	42.65	24.37	4.78	39.82	23.28	5.25	36.57	21.99	5.74
	67	45.98	33.35	3.53	43.95	32.71	3.90	41.63	31.84	4.30	39.09	30.87	4.74	36.30	29.80	5.20	33.28	28.57	5.70
	62	41.98	39.93	3.51	39.70	38.79	3.88	37.42	37.42	4.27	35.38	35.38	4.69	33.34	33.34	5.16	31.09	31.09	5.67
	57	40.80	40.80	3.50	39.11	39.11	3.88	37.31	37.31	4.27	35.39	35.39	4.69	33.36	33.36	5.16	31.10	31.10	5.67
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling				Indoor Section		Size		Cooling							
				Capacity		Power						Capacity		Power					
CC5A/CD5AA		042		0.99		0.99		CE3AA		042		0.98		0.92					
CC5A/CD5AC		048		0.99		1.00				048		0.99		0.93					
CC5A/CD5AW		042		0.99		1.00		CK3BA		042		0.98		0.92					
		048		1.00		048				0.99		0.93							
CD5AA		048		1.00		1.00		CK5A/CK5BA		042		0.98		0.92					
CE3AA		042		0.99		0.98				048		0.99		0.93					
		048		1.00		0.99		CK5A/CK5BE		042		0.99		0.93					
CF5AA		048		1.00		0.99		CK5A/CK5BT		042		0.98		0.92					
CK3BA		042		0.99		0.99				048		0.99		0.93					
		048		1.00		0.99		CK5PA		042		0.98		0.92					
CK5A/CK5BA		042		0.99		0.99				048		0.99		0.93					
		048		1.00		0.99		CK5PE		042		0.99		0.93					
CK5A/CK5BT		042		0.99		0.99		CK5PT		042		0.98		0.92					
		048		1.00		0.99				048		0.99		0.93					
CK5A/CK5BW		048		1.00		0.99		COILS + 315(A,J)AV066110 VARIABLE SPEED FURNACE											
CK5PA		042		0.99		0.99		CC5A/CD5AA		042		0.98		0.92					
		048		1.00		0.99		CC5A/CD5AC		048		0.99		0.93					
CK5PT		042		0.99		0.99		CC5A/CD5AW		042		0.98		0.92					
		048		1.00		0.99				048		0.99		0.92					
CK5PW		048		1.00		0.99		CD5AA		048		0.99		0.92					
F(A,B)4BN(F,B,C)		042		0.99		1.00		CE3AA		042		0.98		0.91					
		048		1.00		0.99				048		0.99		0.92					
FC4CN(F,B)		042		0.99		1.00		CK3BA		042		0.98		0.91					
		048		1.00		1.00				048		0.99		0.92					
FC4CNB		054		1.02		0.97		CK5A/CK5BA		042		0.98		0.91					
FE4ANF		003		1.00		0.94				CK5A/CK5BT		042		0.98		0.91			
		005		1.02		0.92		048				0.99		0.92					
FE4BNB		006		1.05		0.93				048		0.99		0.92					
FG3AAA		048		1.00		1.00		CK5A/CK5BW		048		0.99		0.92					
FK4DNB		006		1.05		0.93		CK5PA		042		0.98		0.91					
FK4DNF		003		1.00		0.94				048		0.99		0.92					
FK4DNF		005		1.02		0.92		CK5PT		042		0.98		0.91					
FV4BNB		006		1.05		0.93				048		0.99		0.92					
FV4BNF		003		1.00		0.94		CK5PW		048		0.99		0.92					
		005		1.02		0.92		COILS + 315(A,J)AV066135 VARIABLE SPEED FURNACE											
FX4BNF		042		0.99		0.99		CC5A/CD5AA		042		0.98		0.92					
		048		1.00		0.98		CC5A/CD5AC		048		0.99		0.93					
		COILS + 315(A,J)AV048090 VARIABLE SPEED FURNACE												CC5A/CD5AW		042		0.98	
CC5A/CD5AA		042		0.98		0.93				048		0.99		0.92					
CC5A/CD5AC		048		0.99		0.94				CD5AA		048		0.99		0.92			
CD5AA		048		0.99		0.93				—		—		—					

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
591BN042-B Outdoor Section With CC5A/CD5AA048 Indoor Section continued																			
1225	72	47.78	25.26	3.42	46.00	24.38	3.78	43.85	23.49	4.19	41.49	22.54	4.63	38.88	21.53	5.10	35.81	20.41	5.59
	67	44.33	30.45	3.39	42.28	29.55	3.76	40.14	28.60	4.16	37.79	27.59	4.60	35.15	26.47	5.07	32.28	25.29	5.56
	62	40.04	35.47	3.36	38.02	34.48	3.71	35.89	33.42	4.09	33.50	32.20	4.49	30.89	30.89	4.92	28.70	28.70	5.41
	57	37.66	37.66	3.32	36.11	36.11	3.67	34.45	34.45	4.05	32.72	32.71	4.47	30.75	30.75	4.91	28.72	28.72	5.41
1400	72	48.46	26.11	3.50	46.75	25.46	3.86	44.56	24.57	4.27	42.17	23.61	4.71	39.41	22.52	5.18	36.25	21.27	5.67
	67	45.25	31.99	3.46	43.20	31.19	3.83	41.00	30.29	4.23	38.52	29.29	4.67	35.80	28.20	5.13	32.85	27.01	5.63
	62	41.07	37.81	3.44	38.93	36.76	3.80	36.69	35.57	4.18	34.26	34.26	4.58	32.10	32.10	5.03	29.99	29.99	5.54
	57	39.27	39.27	3.42	37.68	37.68	3.77	36.01	36.01	4.16	34.12	34.12	4.58	32.12	32.12	5.04	30.00	30.00	5.54
1575	72	49.00	26.67	3.57	47.32	26.16	3.94	45.13	25.32	4.35	42.65	24.37	4.78	39.82	23.28	5.25	36.57	21.99	5.74
	67	45.98	33.35	3.53	43.95	32.71	3.90	41.63	31.84	4.30	39.09	30.87	4.74	36.30	29.80	5.20	33.28	28.57	5.70
	62	41.98	39.93	3.51	39.70	38.79	3.88	37.42	37.42	4.27	35.38	35.38	4.69	33.34	33.34	5.16	31.09	31.09	5.67
	57	40.80	40.80	3.50	39.11	39.11	3.88	37.31	37.31	4.27	35.39	35.39	4.69	33.36	33.36	5.16	31.10	31.10	5.67
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size	Cooling		Indoor Section		Size	Cooling											
			Capacity	Power				Capacity	Power										
CE3AA		042	0.98		CD5AA		048	0.99											
		048	0.99				042	0.98											
CK3BA		042	0.98		CK3BA		048	0.99											
		048	0.99				048	0.99											
CK5A/CK5BA		042	0.98		CK5A/CK5BA		048	0.99											
		048	0.99				048	0.99											
CK5A/CK5BT		042	0.98		CK5A/CK5BT		048	0.99											
		048	0.99				048	0.99											
CK5A/CK5BT		042	0.98		CK5PA		048	0.99											
		048	0.99				048	0.99											
CK5A/CK5BW		048	0.99		COILS + 355MAV060080 VARIABLE SPEED FURNACE														
		042	0.98		CC5A/CD5AA		042	0.98											
CK5PA		048	0.99				048	0.99											
		042	0.98		CD5AA		048	0.98											
CK5PT		048	0.99				042	0.98											
		048	0.99		048	0.99													
CK5PW		048	0.99		CK3BA		048	0.99											
		0.99		0.95															
COILS + 315(A,J)AV066155 VARIABLE SPEED FURNACE						CK5A/CK5BA		048	0.99		0.95								
CC5A/CD5AA		042	0.98		CK5A/CK5BT		048	0.99		0.95									
CC5A/CD5AC		048	0.99		CK5PA		048	0.99		0.95									
CC5A/CD5AW		042	0.98		CK5PT		048	0.99		0.95									
		048	0.99		COILS + 355MAV060100 VARIABLE SPEED FURNACE														
CD5AA		048	0.99		CC5A/CD5AA		042	0.98		0.93									
CE3AA		042	0.98		CD5AA		048	0.99		0.94									
		048	0.99				042	0.98											
CK3BA		042	0.98		CE3AA		048	0.99		0.94									
		048	0.99				048	0.99											
CK5A/CK5BA		042	0.98		CK3BA		048	0.99		0.93									
		048	0.99				048	0.99											
CK5A/CK5BT		042	0.98		CK5A/CK5BA		048	0.99		0.93									
		048	0.99				048	0.99											
CK5A/CK5BT		042	0.98		CK5A/CK5BT		048	0.99		0.93									
		048	0.99				048	0.99											
CK5A/CK5BW		048	0.99		COILS + 355MAV060120 VARIABLE SPEED FURNACE														
		042	0.98		CC5A/CD5AA		042	0.98		0.93									
CK5PA		048	0.99				048	0.99		0.94									
		042	0.98		CC5A/CD5AW		042	0.98		0.94									
CK5PT		048	0.99				048	0.99		0.94									
		042	0.98		CE3AA		042	0.98		0.93									
CK5PW		048	0.99				048	0.99		0.94									
		COILS + 355MAV042080 VARIABLE SPEED FURNACE						CK5A/CK5BW		048	0.99		0.93						
CC5A/CD5AA		042	0.98		CK5PW		048	0.99		0.93									

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																			
		75			85			95			105			115			125				
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**		
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡			
591BN048-B Outdoor Section With CC5A/CD5AA060 Indoor Section																					
1400	72	54.78	28.94	3.91	52.62	27.99	4.34	50.14	26.93	4.80	47.39	25.81	5.29	44.34	24.61	5.82	40.75	23.23	6.36		
	67	50.84	34.84	3.89	48.53	33.83	4.31	45.99	32.74	4.77	43.27	31.58	5.27	40.17	30.27	5.79	36.82	28.91	6.32		
	62	46.15	40.77	3.87	43.72	39.57	4.27	41.17	38.30	4.70	38.38	36.84	5.15	35.31	35.31	5.62	32.71	32.71	6.15		
	57	43.27	43.27	3.84	41.47	41.47	4.24	39.48	39.48	4.66	37.41	37.41	5.12	35.12	35.12	5.61	32.72	32.72	6.15		
1600	72	55.80	30.03	3.99	53.49	29.07	4.42	50.96	28.05	4.88	48.16	26.92	5.37	44.99	25.67	5.90	41.26	24.20	6.44		
	67	51.91	36.61	3.96	49.55	35.68	4.38	47.00	34.68	4.84	44.12	33.54	5.34	40.93	32.27	5.86	37.45	30.88	6.39		
	62	47.28	43.40	3.94	44.79	42.23	4.38	42.17	40.82	4.80	39.28	39.28	5.25	36.69	36.69	5.74	34.25	34.25	6.30		
	57	45.21	45.21	3.93	43.31	43.31	4.34	41.33	41.33	4.78	39.10	39.10	5.25	36.71	36.71	5.74	34.27	34.27	6.30		
1800	72	56.50	30.79	4.07	54.14	29.87	4.50	51.55	28.88	4.96	48.72	27.79	5.45	45.43	26.53	5.97	41.61	24.99	6.52		
	67	52.71	38.15	4.03	50.34	37.31	4.46	47.72	36.38	4.92	44.74	35.29	5.41	41.48	34.06	5.93	37.90	32.60	6.47		
	62	48.24	45.71	4.02	45.73	44.50	4.45	42.97	42.97	4.90	40.50	40.50	5.37	38.11	38.11	5.88	35.49	35.49	6.44		
	57	46.87	46.87	4.01	44.98	44.98	4.45	42.82	42.82	4.90	40.52	40.52	5.37	38.13	38.13	5.88	35.51	35.51	6.44		
Multipliers for Determining the Performance With Other Indoor Sections																					
Indoor Section		Size		Cooling				Indoor Section		Size		Cooling									
				Capacity	Power							Capacity	Power								
CC5A/CD5AA		060		1.00		1.00		COILS + 315(A,J)AV048090 VARIABLE SPEED FURNACE													
CC5A/CD5AC		048		0.98		0.99		CC5A/CD5AC		048		0.98		0.96							
CC5A/CD5AW		048		0.99		0.99		CD5AA		048		0.98		0.95							
		060		1.02		1.00		CE3AA		048		0.98		0.95							
CD5AA		048		1.00		1.00				060		0.99		0.93							
CE3AA		048		1.00		0.99		CK3BA		048		0.98		0.94							
		060		1.02		1.00		CK5A/CK5BA		048		0.98		0.94							
CF5AA		048		1.00		0.99		CK5A/CK5BT		048		0.98		0.94							
CK3BA		048		1.00		1.00		CK5PA		048		0.98		0.94							
		060		1.02		1.00		CK5PT		048		0.98		0.94							
CK5A/CK5BA		048		1.00		1.00		COILS + 315(A,J)AV066110 VARIABLE SPEED FURNACE													
		060		1.02		1.00		CC5A/CD5AA		060		0.99		0.94							
CK5A/CK5BT		048		1.00		1.00		CC5A/CD5AC		048		0.98		0.94							
		060		1.02		1.00		CC5A/CD5AW		048		0.98		0.93							
CK5A/CK5BW		048		1.00		1.00		CD5AA		048		0.98		0.93							
CK5A/CK5BX		060		1.04		1.01		CD5PX		060		1.00		0.92							
CK5PA		048		1.00		1.00		CE3AA		048		0.98		0.93							
		060		1.02		1.00				060		0.99		0.91							
CK5PT		048		1.00		1.00		CK3BA		048		0.98		0.93							
		060		1.02		1.00				060		0.99		0.91							
CK5PW		048		1.00		1.00		CK5A/CK5BA		048		0.98		0.93							
CK5PX		060		1.04		1.01				060		0.99		0.91							
F(A,B)4BN(F,B,C)		048		1.00		1.01		CK5A/CK5BT		048		0.98		0.93							
		060		1.02		1.02				060		0.99		0.91							
FB4BNB		070		1.04		1.01		CK5A/CK5BW		048		0.98		0.93							
FC4CN(F,B)		048		1.00		1.01		CK5A/CK5BX		060		1.00		0.91							
		060		1.02		1.02		CK5PA		048		0.98		0.93							
FC4CNB		054		1.03		1.00				060		0.99		0.91							
		070		1.04		1.01		CK5PT		048		0.98		0.93							
FE4ANF		005		1.02		0.94				060		0.99		0.91							
FE4BNB		006		1.03		0.93		CK5PW		048		0.98		0.93							
FG3AAA		048		0.98		0.98		CK5PX		060		1.00		0.91							
		060		1.00		0.99		COILS + 315(A,J)AV066135 VARIABLE SPEED FURNACE													
FK4DNB		006		1.03		0.93		CC5A/CD5AA		060		0.99		0.94							
FK4DNF		005		1.02		0.94		CC5A/CD5AC		048		0.98		0.94							
FV4BNB		006		1.03		0.93		CC5A/CD5AW		048		0.98		0.94							
FV4BNF		005		1.02		0.94				060		1.00		0.93							
FX4BNB		060		1.02		0.99		CD5AA		048		0.98		0.94							
FX4BNF		048		1.00		0.98		CE3AA		048		0.98		0.94							
		—		—		—				060		0.99		0.91							

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
591BN048-B Outdoor Section With CC5A/CD5AA060 Indoor Section continued																			
1400	72	54.78	28.94	3.91	52.62	27.99	4.34	50.14	26.93	4.80	47.39	25.81	5.29	44.34	24.61	5.82	40.75	23.23	6.36
	67	50.84	34.84	3.89	48.53	33.83	4.31	45.99	32.74	4.77	43.27	31.58	5.27	40.17	30.27	5.79	36.82	28.91	6.32
	62	46.15	40.77	3.87	43.72	39.57	4.27	41.17	38.30	4.70	38.38	36.84	5.15	35.31	35.31	5.62	32.71	32.71	6.15
	57	43.27	43.27	3.84	41.47	41.47	4.24	39.48	39.48	4.66	37.41	37.41	5.12	35.12	35.12	5.61	32.72	32.72	6.15
1600	72	55.80	30.03	3.99	53.49	29.07	4.42	50.96	28.05	4.88	48.16	26.92	5.37	44.99	25.67	5.90	41.26	24.20	6.44
	67	51.91	36.61	3.96	49.55	35.68	4.38	47.00	34.68	4.84	44.12	33.54	5.34	40.93	32.27	5.86	37.45	30.88	6.39
	62	47.28	43.40	3.94	44.79	42.23	4.38	42.17	40.82	4.80	39.28	39.28	5.25	36.69	36.69	5.74	34.25	34.25	6.30
	57	45.21	45.21	3.93	43.31	43.31	4.34	41.33	41.33	4.78	39.10	39.10	5.25	36.71	36.71	5.74	34.27	34.27	6.30
1800	72	56.50	30.79	4.07	54.14	29.87	4.50	51.55	28.88	4.96	48.72	27.79	5.45	45.43	26.53	5.97	41.61	24.99	6.52
	67	52.71	38.15	4.03	50.34	37.31	4.46	47.72	36.38	4.92	44.74	35.29	5.41	41.48	34.06	5.93	37.90	32.60	6.47
	62	48.24	45.71	4.02	45.73	44.50	4.45	42.97	42.97	4.90	40.50	40.50	5.37	38.11	38.11	5.88	35.49	35.49	6.44
	57	46.87	46.87	4.01	44.98	44.98	4.45	42.82	42.82	4.90	40.52	40.52	5.37	38.13	38.13	5.88	35.51	35.51	6.44
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling Capacity		Power		Indoor Section		Size		Cooling Capacity		Power					
CK3BA		048		0.98		0.93		CK5PT		048		0.98		0.93					
		060		0.99		0.92													
CK5A/CK5BA		048		0.98		0.93		CK5PW		048		0.98		0.93					
		060		0.99		0.92													
CK5A/CK5BT		048		0.98		0.93		COILS + 355MAV060080 VARIABLE SPEED FURNACE											
		060		0.99		0.92		CC5A/CD5AA		060		0.98		0.99					
CK5A/CK5BW		048		0.98		0.93		CC5A/CD5AW		060		1.00		0.95					
CK5A/CK5BX		060		1.00		0.91		CE3AA		060		1.00		0.94					
CK5PA		048		0.98		0.93		COILS + 355MAV060100 VARIABLE SPEED FURNACE											
		060		0.99		0.92		CC5A/CD5AA		060		0.99		0.96					
CK5PT		048		0.98		0.93		CC5A/CD5AW		060		1.00		0.95					
		060		0.99		0.92		CE3AA		060		1.00		0.94					
CK5PW		048		0.98		0.93		CK3BA		060		1.00		0.95					
CK5PX		060		1.00		0.91		CK5A/CK5BA		060		1.00		0.95					
COILS + 315(A,J)AV066155 VARIABLE SPEED FURNACE								CK5A/CK5BT		060		1.00		0.95					
CC5A/CD5AA		060		0.99		0.94		CK5A/CK5BX		060		1.01		0.94					
CC5A/CD5AC		048		0.98		0.94		CK5PA		060		1.00		0.95					
CC5A/CD5AW		048		0.98		0.93		CK5PT		060		1.00		0.95					
		060		1.00		0.92		CK5PX		060		1.01		0.94					
CD5AA		048		0.98		0.93		COILS + 355MAV060120 VARIABLE SPEED FURNACE											
CE3AA		048		0.98		0.93		CC5A/CD5AA		060		0.99		0.96					
		060		0.99		0.91		CC5A/CD5AW		060		1.00		0.95					
CK3BA		048		0.98		0.93		CE3AA		060		1.00		0.94					
		060		0.99		0.91		CK3BA		060		1.00		0.95					
CK5A/CK5BA		048		0.98		0.93		CK5A/CK5BA		060		1.00		0.95					
		060		0.99		0.91		CK5A/CK5BT		060		1.00		0.95					
CK5A/CK5BT		048		0.98		0.93		CK5A/CK5BW		048		0.98		0.94					
		060		0.99		0.91		CK5A/CK5BX		060		1.01		0.94					
CK5A/CK5BW		048		0.98		0.93		CK5PA		060		1.00		0.95					
CK5A/CK5BX		060		1.00		0.91		CK5PT		060		1.00		0.95					
CK5PA		48		0.98		0.93		CK5PW		048		0.98		0.94					
		060		0.99		0.91		CK5PX		060		1.01		0.94					

See notes on page 28.

DETAILED COOLING CAPACITIES* Continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
591BN060-B Outdoor Section With CC5A/CD5AW060 Indoor Section continued																			
1750	72	69.22	36.58	4.95	66.19	35.29	5.48	62.78	33.88	6.04	58.99	32.38	6.64	54.84	30.79	7.28	50.05	28.81	7.96
	67	64.38	44.16	4.89	61.20	42.74	5.40	57.80	41.24	5.97	54.15	39.67	6.59	50.11	37.96	7.23	45.63	36.09	7.89
	62	58.36	51.45	4.84	55.10	49.85	5.35	51.71	48.16	5.89	48.08	46.29	6.47	44.11	44.11	7.08	40.86	40.86	7.78
	57	54.62	54.62	4.77	52.25	52.25	5.27	49.61	49.61	5.82	46.91	46.91	6.43	43.95	43.95	7.07	40.88	40.88	7.78
2000	72	70.41	38.02	5.07	67.22	36.67	5.59	63.69	35.21	6.15	59.83	33.63	6.76	55.55	31.86	7.40	50.53	29.71	8.06
	67	65.69	46.32	4.99	62.45	44.98	5.51	59.00	43.56	6.08	55.22	42.01	6.69	50.99	40.29	7.32	46.36	38.32	7.98
	62	59.82	54.78	4.94	56.52	53.20	5.47	53.02	51.35	6.03	49.22	49.22	6.60	45.93	45.93	7.25	42.82	42.82	7.97
	57	57.09	57.09	4.92	54.55	54.55	5.43	51.94	51.94	6.00	49.04	49.04	6.59	45.95	45.95	7.25	42.84	42.84	7.97
2250	72	71.30	38.92	5.18	67.96	37.56	5.70	64.36	36.12	6.25	60.44	34.53	6.86	56.03	32.73	7.50	50.83	30.44	8.16
	67	66.69	48.23	5.10	63.44	46.97	5.62	59.94	45.63	6.19	55.98	44.11	6.78	51.64	42.39	7.42	46.91	40.31	8.08
	62	61.06	57.75	5.04	57.76	56.12	5.56	54.11	54.11	6.13	50.87	50.87	6.75	47.74	47.74	7.40	44.19	44.19	8.06
	57	59.25	59.25	5.03	56.71	56.71	5.56	53.92	53.92	6.13	50.89	50.89	6.75	47.76	47.76	7.40	44.21	44.21	8.06
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size		Cooling				Indoor Section		Size		Cooling							
Capacity				Power		Capacity		Power											
CC5A/CD5AA		060		0.95		0.97		CK5PA		060		0.97		0.95					
CC5A/CD5AW		060		1.00		1.00		CK5PT		060		0.97		0.95					
CE3AA		060		1.00		0.99		CK5PX		060		0.99		0.94					
CK3BA		060		1.00		1.00		COILS + 315(A,J)AV066135 VARIABLE SPEED FURNACE											
CK5A/CK5BA		060		1.00		1.00		CC5A/CD5AA		060		0.96		0.96					
CK5A/CK5BT		060		1.00		1.00		CC5A/CD5AW		060		0.99		0.96					
CK5A/CK5BX		060		1.00		0.98		CD5PX		060		0.99		0.96					
CK5PA		060		1.00		1.00		CE3AA		060		0.97		0.94					
CK5PT		060		1.00		1.00		CK3BA		060		0.97		0.95					
CK5PX		060		1.00		0.98		CK5A/CK5BA		060		0.97		0.95					
F(A,B)4BN(F,B,C)		060		1.00		1.03		CK5A/CK5BT		060		0.97		0.95					
FB4BNB		070		1.02		1.01		CK5A/CK5BX		060		0.99		0.94					
FC4CN(F,B)		060		1.00		1.03		CK5PA		060		0.97		0.95					
FC4CNB		070		1.02		1.01		CK5PT		060		0.97		0.95					
FE4BNB		006		1.02		0.95		CK5PX		060		0.99		0.94					
FG3AAA		060		0.98		0.99		COILS + 315(A,J)AV066155 VARIABLE SPEED FURNACE											
FK4DNB		006		1.02		0.96		CC5A/CD5AA		060		0.96		0.95					
FV4BNB		006		1.02		0.95		CC5A/CD5AW		060		0.99		0.96					
FX4BNB		060		1.00		0.98		CD5PX		060		0.99		0.95					
COILS + 315(A,J)AV066110 VARIABLE SPEED FURNACE								CE3AA		060		0.97		0.93					
CC5A/CD5AA		060		0.96		0.95		CK3BA		060		0.97		0.94					
CD5PX		060		0.99		0.96		CK5A/CK5BA		060		0.97		0.94					
CE3AA		060		0.97		0.94		CK5A/CK5BT		060		0.97		0.94					
CK3BA		060		0.97		0.95		CK5A/CK5BX		060		0.99		0.94					
CK5A/CK5BA		060		0.97		0.95		CK5PA		060		0.97		0.94					
CK5A/CK5BT		060		0.97		0.95		CK5PT		060		0.97		0.94					
CK5A/CK5BX		060		0.99		0.94		CK5PX		060		0.99		0.94					

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 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 fall 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	125
591BN018-B									
30	TCG	15.90	15.00	14.20	13.30	12.30	11.40	10.40	9.30
	SDT	73.70	83.10	92.60	102.00	111.40	120.80	130.20	139.50
	KW	0.77	0.92	1.10	1.28	1.49	1.71	1.95	2.20
35	TCG	17.50	16.60	15.60	14.70	13.70	12.70	11.60	10.40
	SDT	75.30	84.60	93.90	103.30	112.60	122.00	131.20	140.50
	KW	0.79	0.94	1.11	1.30	1.51	1.74	1.98	2.24
40	TCG	19.20	18.20	17.20	16.20	15.10	14.00	12.90	11.60
	SDT	76.80	86.10	95.40	104.60	113.90	123.20	132.30	141.50
	KW	0.80	0.96	1.13	1.32	1.53	1.76	2.01	2.27
45	TCG	21.10	20.00	18.90	17.80	16.70	15.50	14.20	12.90
	SDT	78.40	87.60	96.80	106.00	115.20	124.40	133.50	142.50
	KW	0.82	0.97	1.15	1.34	1.55	1.79	2.03	2.30
50	TCG	23.00	21.90	20.70	19.50	18.30	17.00	15.70	14.20
	SDT	80.20	89.20	98.30	107.40	116.50	125.60	134.60	143.50
	KW	0.84	1.00	1.17	1.37	1.58	1.81	2.06	2.32
55	TCG	25.10	23.90	22.60	21.30	20.00	18.60	17.10	15.50
	SDT	82.00	90.90	99.90	109.00	117.90	126.90	135.80	144.60
	KW	0.87	1.02	1.20	1.39	1.60	1.83	2.08	2.35
591BN024-B									
30	TCG	22.10	20.90	19.70	18.40	17.10	15.80	14.40	12.90
	SDT	76.10	85.50	94.90	104.20	113.40	122.60	131.70	140.70
	KW	1.29	1.46	1.64	1.84	2.06	2.29	2.54	2.80
35	TCG	24.40	23.10	21.70	20.40	19.00	17.50	16.00	14.40
	SDT	77.80	87.10	96.40	105.60	114.80	123.90	132.90	141.80
	KW	1.31	1.48	1.67	1.86	2.08	2.32	2.57	2.83
40	TCG	26.70	25.30	23.90	22.40	20.90	19.30	17.70	15.90
	SDT	79.50	88.70	98.00	107.10	116.20	125.20	134.10	142.80
	KW	1.33	1.50	1.69	1.89	2.11	2.35	2.60	2.87
45	TCG	29.20	27.70	26.10	24.50	22.90	21.20	19.40	17.40
	SDT	81.30	90.50	99.60	108.60	117.60	126.50	135.30	143.90
	KW	1.36	1.53	1.71	1.92	2.13	2.38	2.63	2.90
50	TCG	31.90	30.20	28.50	26.80	25.00	23.10	21.10	19.00
	SDT	83.20	92.20	101.30	110.20	119.10	127.90	136.50	145.00
	KW	1.38	1.55	1.74	1.94	2.16	2.40	2.66	2.93
55	TCG	34.60	32.80	31.00	29.10	27.10	25.10	22.90	20.60
	SDT	85.10	94.10	103.00	111.90	120.60	129.30	137.70	146.00
	KW	1.41	1.58	1.77	1.97	2.19	2.43	2.68	2.95
591BN030-B									
30	TCG	26.30	24.80	23.30	21.90	20.40	18.80	17.20	15.50
	SDT	77.10	86.40	95.70	105.00	114.30	123.50	132.60	141.60
	KW	1.58	1.78	2.00	2.24	2.50	2.79	3.10	3.43
35	TCG	28.90	27.30	25.70	24.10	22.50	20.80	19.00	17.20
	SDT	78.80	88.10	97.30	106.50	115.70	124.80	133.80	142.60
	KW	1.60	1.81	2.03	2.27	2.53	2.82	3.13	3.46
40	TCG	31.70	30.00	28.30	26.50	24.70	22.90	20.90	18.90
	SDT	80.60	89.80	98.90	108.00	117.10	126.00	135.00	143.70
	KW	1.63	1.83	2.05	2.29	2.56	2.85	3.16	3.49
45	TCG	34.70	32.80	30.90	29.00	27.10	25.00	22.90	20.60
	SDT	82.50	91.50	100.60	109.60	118.50	127.40	136.10	144.70
	KW	1.65	1.86	2.08	2.32	2.58	2.88	3.18	3.51
50	TCG	37.80	35.70	33.70	31.60	29.50	27.30	24.90	22.40
	SDT	84.40	93.40	102.30	111.20	120.00	128.80	137.30	145.70
	KW	1.68	1.88	2.11	2.35	2.61	2.91	3.21	3.54
55	TCG	41.00	38.80	36.60	34.30	32.00	29.60	27.00	24.20
	SDT	86.40	95.30	104.10	112.90	121.60	130.10	138.60	146.70
	KW	1.71	1.91	2.14	2.39	2.65	2.94	3.24	3.56

See notes on page 31.

CONDENSER ONLY RATINGS* Continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
591BN036-B									
30	TCG	32.70	30.90	29.10	27.30	25.40	23.50	21.50	19.40
	SDT	77.00	86.20	95.40	104.60	113.80	122.90	132.00	140.90
	KW	1.99	2.23	2.49	2.77	3.09	3.43	3.79	4.19
35	TCG	36.00	34.00	32.10	30.10	28.10	26.00	23.80	21.50
	SDT	78.70	87.90	97.00	106.10	115.20	124.20	133.20	142.00
	KW	2.01	2.25	2.52	2.80	3.12	3.46	3.83	4.22
40	TCG	39.50	37.40	35.30	33.10	30.90	28.60	26.20	23.60
	SDT	80.60	89.60	98.70	107.70	116.60	125.50	134.40	143.00
	KW	2.04	2.28	2.55	2.83	3.14	3.49	3.86	4.25
45	TCG	43.20	40.90	38.60	36.30	33.90	31.40	28.70	25.90
	SDT	82.50	91.40	100.40	109.30	118.10	126.90	135.60	144.10
	KW	2.07	2.31	2.58	2.87	3.18	3.52	3.89	4.28
50	TCG	47.10	44.60	42.10	39.60	37.00	34.20	31.30	28.20
	SDT	84.50	93.30	102.10	110.90	119.70	128.30	136.80	145.20
	KW	2.10	2.34	2.61	2.90	3.21	3.56	3.92	4.31
55	TCG	51.20	48.50	45.80	43.10	40.20	37.20	34.00	30.50
	SDT	86.50	95.20	104.00	112.60	121.20	129.80	138.10	146.20
	KW	2.14	2.37	2.65	2.94	3.25	3.59	3.95	4.34
591BN042-B									
30	TCG	39.20	37.10	34.90	32.70	30.50	28.20	25.70	23.10
	SDT	78.20	87.30	96.50	105.60	114.70	123.60	132.60	141.40
	KW	2.25	2.54	2.85	3.19	3.56	3.96	4.38	4.82
35	TCG	43.10	40.80	38.50	36.10	33.70	31.20	28.50	25.60
	SDT	80.10	89.10	98.10	107.10	116.10	125.00	133.80	142.50
	KW	2.28	2.57	2.89	3.23	3.60	4.01	4.43	4.88
40	TCG	47.20	44.80	42.30	39.70	37.10	34.30	31.40	28.20
	SDT	82.00	90.90	99.90	108.80	117.60	126.40	135.10	143.70
	KW	2.31	2.61	2.93	3.27	3.64	4.05	4.49	4.94
45	TCG	51.60	49.00	46.30	43.50	40.60	37.60	34.40	30.90
	SDT	84.00	92.80	101.70	110.50	119.20	127.90	136.40	144.80
	KW	2.36	2.65	2.97	3.32	3.69	4.10	4.53	4.99
50	TCG	56.30	53.40	50.40	47.40	44.30	41.00	37.40	33.60
	SDT	86.20	94.90	103.50	112.20	120.80	129.40	137.80	145.90
	KW	2.40	2.69	3.01	3.36	3.73	4.15	4.58	5.03
55	TCG	61.10	58.00	54.80	51.50	48.10	44.50	40.60	36.40
	SDT	88.40	96.90	105.50	114.00	122.50	130.90	139.10	147.10
	KW	2.45	2.74	3.06	3.41	3.78	4.19	4.62	5.08
591BN048-B									
30	TCG	45.50	43.10	40.70	38.30	35.80	33.20	30.50	27.50
	SDT	80.40	89.40	98.50	107.50	116.50	125.50	134.40	143.10
	KW	2.62	2.96	3.32	3.69	4.10	4.54	4.99	5.47
35	TCG	50.00	47.40	44.80	42.10	39.40	36.50	33.50	30.20
	SDT	82.40	91.30	100.30	109.20	118.10	126.90	135.70	144.30
	KW	2.64	2.99	3.35	3.74	4.15	4.59	5.05	5.54
40	TCG	54.80	51.90	49.10	46.20	43.20	40.00	36.70	33.10
	SDT	84.50	93.20	102.10	110.90	119.70	128.40	137.00	145.40
	KW	2.66	3.01	3.38	3.78	4.20	4.65	5.11	5.60
45	TCG	59.80	56.70	53.60	50.40	47.10	43.70	40.00	36.00
	SDT	86.60	95.30	104.00	112.70	121.30	129.90	138.30	146.50
	KW	2.68	3.04	3.42	3.81	4.24	4.70	5.17	5.66
50	TCG	65.10	61.70	58.30	54.80	51.20	47.40	43.40	38.90
	SDT	88.90	97.40	106.00	114.50	123.00	131.40	139.70	147.70
	KW	2.71	3.07	3.45	3.86	4.28	4.74	5.22	5.71
55	TCG	70.60	67.00	63.20	59.40	55.50	51.30	46.80	41.90
	SDT	91.20	99.60	108.00	116.40	124.80	133.00	141.10	148.90
	KW	2.73	3.10	3.49	3.89	4.33	4.79	5.26	5.75

See notes on page 31.

CONDENSER ONLY RATINGS* Continued

591BN060-B									
30	TCG SDT KW	58.20 83.60 3.22	55.10 92.50 3.62	52.00 101.40 4.06	48.80 110.40 4.54	45.50 119.20 5.08	42.10 127.90 5.63	38.20 136.40 6.19	33.80 144.70 6.71
35	TCG SDT KW	63.90 85.80 3.30	60.40 94.60 3.70	57.00 103.40 4.14	53.50 112.20 4.61	49.90 120.90 5.15	46.20 129.50 5.71	42.00 137.90 6.30	37.40 146.00 6.87
40	TCG SDT KW	69.80 88.20 3.38	66.10 96.80 3.78	62.30 105.50 4.22	58.40 114.10 4.69	54.50 122.60 5.23	50.30 131.10 5.79	45.90 139.40 6.39	40.80 147.30 6.98
45	TCG SDT KW	76.10 90.60 3.47	71.90 99.10 3.87	67.80 107.60 4.31	63.50 116.10 4.78	59.20 124.50 5.31	54.60 132.70 5.87	49.70 140.80 6.47	44.20 148.50 7.07
50	TCG SDT KW	82.60 93.20 3.57	78.10 101.50 3.97	73.50 109.80 4.41	68.80 118.10 4.87	64.00 126.30 5.40	59.00 134.40 5.95	53.60 142.20 6.54	47.50 149.80 7.14
55	TCG SDT KW	89.40 95.80 3.67	84.40 104.00 4.07	79.30 112.10 4.51	74.20 120.20 4.97	68.90 128.20 5.49	63.40 136.10 6.03	57.40 143.70 6.61	50.90 150.90 7.20

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

KW — Outdoor Unit Kilowatts Only

SDT — Saturated Temperature Leaving Compressor (°F)

SST — Saturated Temperature Entering Compressor (°F)

TCG — Gross Cooling Capacity (1000 Btuh).

SYSTEM DESIGN SUMMARY

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 accessories is 55°F (12.8°C). For Low Ambient applications see the Accessory Usage Guideline in this literature for accessory requirements.
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation unit should be level in all horizontal planes within 2 degrees (+/- 3/8 in./ft).
5. Maximum elevation of indoor coil above or below base of outdoor unit without additional consideration is 20 ft. For applications greater than 20 ft, consult the Application Guideline and Service Manual for Air Conditioners and Heat Pumps Using Puron® Refrigerant, Long Line Guideline section. For long line accessories see Accessory Usage Guideline in this literature.
6. For vapor line sizing and capacity losses for interconnecting refrigerant tubing lengths greater than 50 ft consult the Application Guideline and Service Manual for Air Conditioners and Heat Pumps Using Puron® Refrigerant. Only 3/8 in. liquid lines are approved for long line applications on Residential products.
7. If any refrigerant tubing is buried, provide a 6 in. vertical rise to the outdoor unit service valve connections. Refrigerant tubing lengths up to 36 in. may be buried without further consideration. Do NOT bury refrigerant lines longer than 36 in.
8. Use only copper wire for electric connections at unit. Aluminum and clad aluminum wiring are NOT acceptable for the type of connector provided.
9. Do not apply capillary tube indoor coils to these units.
10. Factory-supplied filter drier must be installed. Filter drier must be replaced whenever refrigerant system is opened to the atmosphere for servicing.
11. If factory-supplied TXV (Thermostatic Expansion Valve) or LLS (Liquid Line Solenoid) is provided, do not deviate or substitute them. If they are not provided from the factory and are required for the application, use only the approved TXV or LLS listed in the Accessories section of this literature.

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 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 450 psig.

Unit constructed in ISO9001 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 is all factory wiring, piping, controls, compressor, refrigerant charge Puron® (R-410A), and special features required prior to field start-up.

Refrigerant

Refrigerant will be Puron HFC Refrigerant with zero ozone depletion potential. Puron® is approved under the EPA's Significant New Alternatives Program (SNAP).

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.

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, vapor-line shutoff valve with sweat connections, system charge of Puron® (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 a SEER of _____ Btuh/watt or greater at DOE conditions.

Electrical Requirements

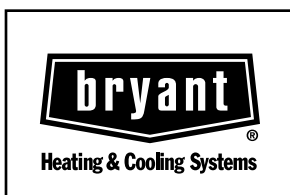
Nominal unit electrical characteristics will be _____ v, single phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of _____ v to _____ v.

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 591B.18.3