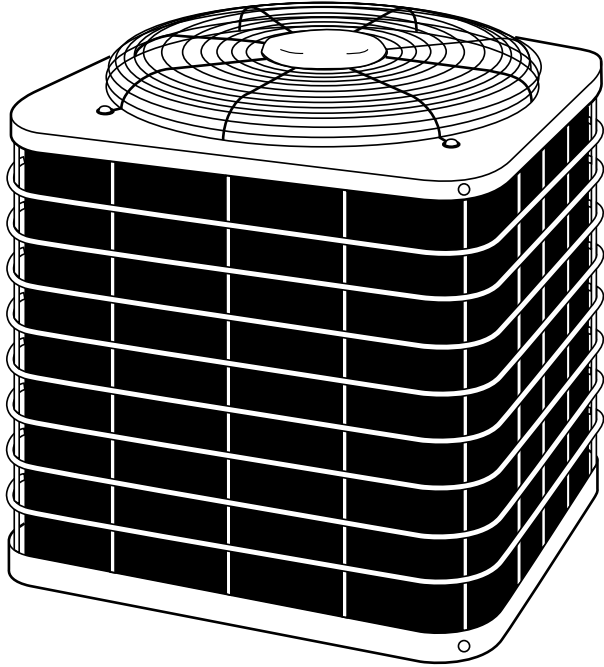




## AIR CONDITIONER with Puron®

# 533A (60 Hz)

Sizes 024 thru 060



Model 533A Energy-Efficient Air Conditioners incorporate innovative technology to provide quiet, reliable cooling performance. Built into these units are the features most desired by homeowners today including SEER ratings of at least 12.0 when combined with specific Bryant equipment. The 533A air conditioning system has been designed 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. All models are listed with UL, c-UL, ARI, CEC, and CSA-EEV. The 533A meets the Energy Star® guidelines for energy efficiency.

### AVAILABLE OPTIONS

**Puron® Environmentally Friendly Refrigerant**—Is Bryant's refrigerant designed to help protect the environment. Puron® is an HFC refrigerant that does not contain chlorine, which is damaging to 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 providing highly reliable, environmentally sound performance. For specific R-22 phase out information see your Bryant distributor.

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

**ELECTRICAL RANGE**—All units are offered in single phase 208/230v. The 030 through 060 sizes are offered in 208/230v 3 phase.

**WIDE RANGE OF SIZES**—Available in 6 nominal sizes from 024 through 060 to meet the needs of residential and light commercial applications.

**COMPRESSOR**—This unit features a scroll compressor, which is significantly more efficient than conventional compressors. Its simple design offers improved reliability and each compressor is mounted on rubber isolators for additional sound reduction. Scroll compressors start under most system loads, minimizing the need for start assistance components. For improved serviceability, all models are equipped with a compressor terminal plug. Continuous operation is approved down to 55°F (12.8°C) in the cooling mode. (See cooling performance tables.) Operation down to 0°F or -20°F is approved when low-ambient requirements are met.

**WEATHER-PROTECTIVE CABINET**—The access panels and top are protected with a galvanized coating, then treated with a layer of zinc phosphate to which a modified polyester powder coating is applied and baked on. This provides each unit with a hard, smooth finish that will last for many years.

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

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

**APPLICATION VERSATILITY**—The 533A can be combined with a wide variety of evaporator coils and blower packages to provide quiet, dependable comfort. Unit can be installed on a roof or at ground level on a slab.

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

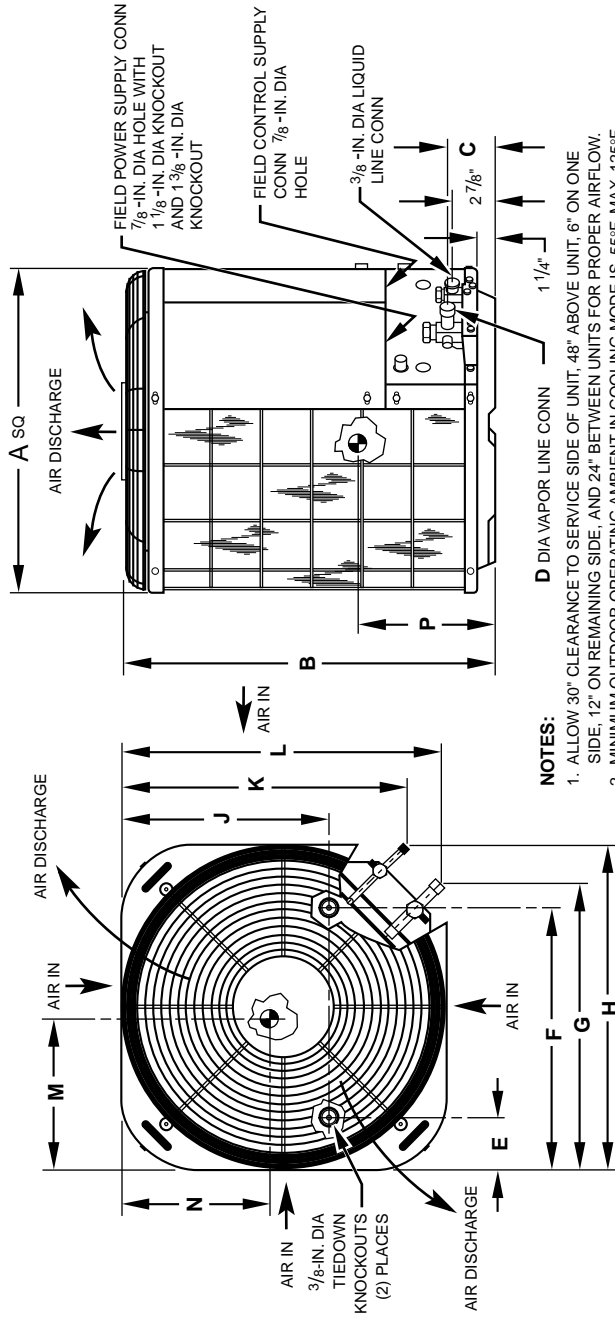
**EASY SERVICEABILITY**—One access panel provides access to electrical controls and compressor. Removal of wire dome gives access to fan motor and removal of the top gives access to the coil.

**COMPRESSOR PROTECTION**—All compressors are protected by internal temperature and current sensitive overloads. An internal pressure relief is provided for high-pressure protection to the refrigerant system.

Long term reliability is assured through the use of both high and low pressure switches. Also included is a liquid line filter drier designed to trap moisture and contaminants, which could otherwise shorten the life of the system.

**LIMITED WARRANTY**—Standard 1-year warranty on all parts. Additional 4-year warranty on compressor.

# 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 MAX. 125°F.
3. SERIES DESIGNATION IS THE 14TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY

A00015

## DIMENSIONS (IN.)

UNIT SIZE	SERIES	UNIT DIMENSIONS														MINIMUM MOUNTING PAD DIMENSIONS
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	
024	A	22-1/2	31-15/16	3-3/16	5/8	3-11/16	18-1/8	19-3/4	22-1/4	14-3/8	19-9/16	22-1/16	10-1/4	9-1/2	11-5/8	22-1/2 x 22-1/2
030	A	22-1/2	29-15/16	3-3/16	3/4	3-11/16	18-1/8	19-3/4	22-1/4	14-3/8	19-9/16	22-1/16	10-1/4	9-1/2	11-1/2	22-1/2 x 22-1/2
036	A	22-1/2	33-15/16	3-3/16	3/4	3-11/16	18-1/8	19-3/4	22-1/4	14-3/8	19-9/16	22-1/16	10-1/4	9-1/2	15-1/2	22-1/2 x 22-1/2
042	A	30	27-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-3/4	20	27-1/16	29-9/16	15	13	14-1/2	30 x 30
048	A	30	27-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-3/4	20	27-1/16	29-9/16	15	13	14-1/2	30 x 30
060	A	30	39-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-3/4	20	27-1/16	29-9/16	15-1/2	14-3/4	14-1/2	30 x 30

## 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)
024	3/8	3/8	5/8	3/4
030, 036			3/4	7/8
042, 048			7/8	1-1/8
060			1-1/8	1-1/8

\* For tube sets greater than 50 ft, consult Residential Split System Application Guideline and Service Manual.

## CHECK-FLO-RATER® PISTON

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
024-A	61
030-A	63
036-A	70
042-A	76
048-A	76
060-A	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)
024-A	10
030-A	15
036-A	12
042-A	15
048-A	15
060-A	15

\* Must be a Puron® approved hard shutoff TXV.



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



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



CERTIFICATE NO. FM 28768

**REGISTERED QUALITY SYSTEM**

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

# SPECIFICATIONS

UNIT SIZE-SERIES	024-A	030-A/A	036-A/A
Operating Weight (Lb)	143	138	156
<b>ELECTRICAL</b>			
Unit Volts—Hertz—Phase	208/230—60—1	208/230—60—1/208/230—60—3	208/230—60—1/208/230—60—3
Operating Voltage Range*	187—253	187—253/197—253	187—253/197—253
Compressor— Rated Load Amps	13.5	14.7/9.6	15.4/12.2
Locked Rotor Amps	61.0	72.5/63.0	83.0/77.0
Condenser Fan Motor—Full Load Amps	0.50	0.80	1.4
Min Unit Ampacity for Wire Sizing	17.4	19.2/12.8	20.7/16.7
Min Wire Size (60°C Copper) AWG†	14	14	12/14
Min Wire Size (75°C Copper) AWG†	14	14	12/14
Max Wire Length (Ft) (60°C Copper)‡	45	41/70	62/54
Max Wire Length (Ft) (75°C Copper)‡	43	39/67	59/51
Max Branch Circuit Fuse or Circuit Breaker Size (Amps)	25	30/20	30/25
<b>COMPRESSOR &amp; REFRIGERANT</b>			
Compressor— Type	Scroll		
Manufacturer	Copeland		
Temperature & Current Protection	Internal Line Break		
Refrigerant— Type	Puron® (R-410A)		
Amount (Lb)	5.00	5.50	5.75
<b>CONDENSER COIL &amp; FAN</b>			
Coil Face Area (Sq Ft)	11.59	10.77	12.42
Fins per In.—Rows—Circuits	25—1—2	25—1—2	25—1—2
Fan Motor—HP (PSC) & RPM	1/12 & 1100	1/10 & 1100	1/4 & 1100
Volts—Hertz—Phase	208/230—60—1		
Condenser Airflow (CFM)	1800	2400	2400
<b>OPTIONAL EQUIPMENT</b>			
Support Feet	KSASF0101AAA		
Coastal Filter	KAACF1001MED		
Time Delay Relay	KAATD0101TDR		
Cycle Protector	KSACY0101AAA		
Crankcase Heater	KAACH1201AAA		
Sound Blanket	KSASH1801COP	KSASH0601COP	
Start Assist—Capacitor/Relay Type	KSAHS1501AAA/NA		
Start Assist—PTC Type	KAACS0201PTC/NA		
TXV (Hard Shutoff)	KSATX0201HSZ	KSATX0301HSZ	
Piston Body	KSAPX0101PIS		
Filter Drier (Suction Line)	KH45LG140 (RCD)		
Evaporator Freeze Thermostat††	KAAFT0101AAA		
Liquid-Line Solenoid Valve	KAALS0201LLS		
Winter Start Control††	KAAWS0101AAA		
Low-Ambient Pressure Switch	KSALA0301410		
Low-Ambient Controller	P251-0083 (RCD)		
MotorMaster® Control**	32LT660004 (RCD)		
Ball Bearing Fan Motor	HC34GE232(RCD)	HC40GE232(RCD)	
Thermostat—Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBNAC01-B		
Thermostat—Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBPAC01-B		
Thermidistat™ Control— Programmable Thermostat with Humidity Control	TSTATBBPRH01-B		
Builder's Thermostat—Manual Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBBAC01-B		
Thermostat, Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage heat/1-Stage Cool	TSTATBBSAC01		
Outdoor Air Temperature Sensor	TSTATXXSEN01-B		
Backplate for Non-Programmable Thermostat	TSTATXXNBP01		
Backplate for Programmable Thermostat	TSTATXXPBP01		
Backplate for Builder's Thermostat	TSTATXXBBP01		
Backplate for Standard Programmable Thermostat	TSTATXXSBP01		
Thermostat Conversion Kit (4 to 5 wire)—10 Pack	TSTATXXCNV10		

See notes on page 6.

## SPECIFICATIONS Continued

UNIT SIZE-SERIES	042-A/A	048-A/A	060-A/A
Operating Weight (Lb)	197	203	238
<b>ELECTRICAL</b>			
Unit Volts—Hertz—Phase	208/230—60—1/208/230—60—3		
Operating Voltage Range*	187—253/197—253		
Compressor—Rated Load Amps	18.6/13.5	20.5/14.7	27.6/18.1
Locked Rotor Amps	105.0/77.0	109.0/91.0	158.0/137.0
Condenser Fan Motor—Full Load Amps	1.1	1.4	1.4
Min Unit Ampacity for Wire Sizing	24.4/18.0	27.0/19.8	35.9/24.0
Min Wire Size (60°C Copper) AWG†	10/14	10/12	8/10
Min Wire Size (75°C Copper) AWG†	10/14	10/12	8/10
Max Wire Length (Ft) (60°C Copper)‡	81/51	74/73	86/96
Max Wire Length (Ft) (75°C Copper)‡	77/48	70/69	82/91
Max Branch Circuit Fuse or Circuit Breaker Size (Amps)	40/25	40/30	60/40
<b>COMPRESSOR &amp; REFRIGERANT</b>			
Compressor—Type	Scroll		
Manufacturer	Copeland		
Temperature & Current Protection	Internal Line Break		
Refrigerant—Type	Puron® (R-410A)		
Amount (Lb)	6.38	7.13	9.75
<b>CONDENSER COIL &amp; FAN</b>			
Coil Face Area (Sq Ft)	14.8	14.8	22.2
Fins per In.—Rows—Circuits	20—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	2800	3300
<b>OPTIONAL EQUIPMENT</b>			
Support Feet	KSASF0101AAA		
Coastal Filter	KAACF1101LRG		
Time Delay Relay	KAATD0101TDR		
Cycle Protector	KSACY0101AAA		
Crankcase Heater	KAACH1201AAA		
Sound Blanket	KSASH0601COP	KSASH2101COP	
Start Assist—Capacitor/Relay Type	KSAHS1501AAA/NA		KSAHS1601AAA/NA
Start Assist—PTC Type	KAACS0201PTC/NA		
TXV (Hard Shutoff)	KSATX0301HSZ	KSATX0401HSZ	KSATX0501HSZ
Piston Body	KSAPX0101PIS		
Filter Drier (Suction Line)	KH45LG141 (RCD)		
Evaporator Freeze Thermostat††	KAAFT0101AAA		
Liquid-Line Solenoid Valve	KAALS0201LLS		
Winter Start Control††	KAAWS0101AAA		
Low-Ambient Pressure Switch	KSALA0301410		
Low-Ambient Controller	P251-0083 (RCD)		
MotorMaster® Control**	32LT660004 (RCD)		
Ball Bearing Fan Motor	HC38GE231 (RCD)		
Thermostat—Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBNAC01-B		
Thermostat—Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBPAC01-B		
Thermidistat™ Control— Programmable Thermostat with Humidity Control	TSTATBBPRH01-B		
Builder's Thermostat—Manual Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool	TSTATBBBAC01-B		
Thermostat, Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage heat/1-Stage Cool	TSTATBBSAC01		
Outdoor Air Temperature Sensor	TSTATXXSEN01-B		
Backplate for Non-Programmable Thermostat	TSTATXXNBP01		
Backplate for Programmable Thermostat	TSTATXXPBP01		
Backplate for Builder's Thermostat	TSTATXXBBP01		
Backplate for Standard Programmable Thermostat	TSTATXXSBP01		
Thermostat Conversion Kit (4 to 5 wire)—10 Pack	TSTATXXCNV10		

See notes on page 6.

\* 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.

## ACCESSORY USAGE GUIDELINE

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

\* For tubing line sets greater than 50 ft, refer to Residential Split-System Long-Line Application Guideline and Service Manual.

† Only when low-pressure switch is used.

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

## ACCESSORY DESCRIPTION AND USAGE (Listed Alphabetically)

### 1. Ball Bearing Fan Motor

A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication.

**SUGGESTED USE:** Required on all units where Low-Ambient Controller (full modulation feature) or MotorMaster® Control has been added.

### 2. Coastal Filter

A mesh screen inserted under the top cover and inside base pan to protect the condenser coil from corrosive atmosphere without restricting airflow.

**SUGGESTED USE:** In geographic areas where salt damage could occur.

In areas with high pollution levels.

### 3. Compressor Start Assist—Capacitor/Relay Type

Start capacitor and start relay which gives a “hard” boost to compressor motor at each start-up.

**SUGGESTED USE:** Installations where interconnecting tube length exceeds 50 ft.

Installations where outdoor design temperature exceeds 105°F (40.6°C).

Installations where Liquid-Line Solenoid Valve or hard shutoff TXV has been added.

### 4. Compressor Start Assist—PTC Type

Solid-state electrical device which gives a “soft” boost to compressor motor at each start-up.

**SUGGESTED USE:** Installations with marginal power supply.

### 5. Crankcase Heater

An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes chance of refrigerant slugging. May or may not include a thermostat control.

**SUGGESTED USE:** When interconnecting tube length exceeds 50 ft.

When unit will be operated below 55°F (12.8°C) outdoor air temperature. Use with Low-Ambient Controller.

All commercial installations.

### 6. Cycle Protector

Solid state timing device which prevents compressor rapid recycling. Control provides an approximate 5-minute delay after power to the compressor has been interrupted for any reason, including normal room thermostat cycling.

**SUGGESTED USE:** Installations in areas where power interruptions are frequent.

Where user is likely to “play” with the room thermostat.

All commercial installations.

Installations where interconnecting tube length exceeds 50 ft.

High-rise applications.

### 7. Evaporator Freeze Thermostat

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

**SUGGESTED USE:** All units where Winter Start Control has been added.

### 8. Filter Drier (Suction Line)

A device for removing contaminants from refrigerant circulating in an air conditioner: 1-direction flow.

**SUGGESTED USE:** All split-system air conditioners.

## ACCESSORY DESCRIPTION AND USAGE (Listed Alphabetically) Continued

9. **Liquid-Line Solenoid Valve (LSV)**  
 An electrically operated shutoff valve to be installed at the outdoor or indoor unit (depending on tubing configuration) and which stops and starts refrigerant liquid flow in response to compressor operation. Maintains a column of refrigerant liquid ready for action at next compressor operation cycle.  
**NOTE:** Compressor Start Assist—Capacitor/Relay Type must also be used. Do not use with hard shutoff TXV.  
**SUGGESTED USE:** For improved system performance in air conditioners for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory. In certain long-line applications. Refer to Residential Split System Long-Line Application Guideline and Service Manual.
10. **Low-Ambient Controller**  
 Head pressure controller is a cycle control device activated by a temperature sensor mounted on a header tube of the outdoor coil. It is designed to cycle the outdoor fan motor in order to maintain condensing temperature within normal operating limits (approximately 100°F/37.8°C high and 60°F/15.5°C low). The control will maintain working head pressure at low-ambient temperatures down to 0°F (-17.8°C) when properly installed.  
**SUGGESTED USE:** Cooling operation at outdoor temperatures below 55°F (12.8°C).
11. **Low-Ambient Pressure Switch**  
 A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 200 psig to 365 psig). The control will maintain working head pressure at low-ambient temperatures down to 0°F (-17.8°C) when properly installed.  
**SUGGESTED USE:** Cooling operation at outdoor temperatures below 55°F (12.8°C).
12. **MotorMaster® Control**  
 A fan speed control device activated by a temperature sensor. Designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. For outdoor temperatures down to -20°F (-28.9°C), it maintains condensing temperature at 100°F ± 10°F (37.8°C ± 5.6°C).  
**SUGGESTED USE:** Cooling operation at outdoor temperatures below 55°F (12.8°C). All commercial installations.
13. **Outdoor Air Temperature Sensor**  
 A device that allows the temperature at a remote location (outdoors) to be displayed at the thermostat.  
**SUGGESTED USE:** All Bryant programmable thermostats.
14. **Piston Body**  
 This piston body is to be used as a replacement for the FK4C Fan Coil R-22 thermostatic expansion valve when used with Puron® (R-410A) air conditioner units. Use piston and piston ring shipped with outdoor unit for installations under 50 ft.  
**SUGGESTED USE:** All Puron® air conditioner installations matched with FK4C Fan Coils.
15. **Support Feet**  
 Four stick-on plastic feet which raise the unit 4 in. above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base, minimizing corrosion.  
**SUGGESTED USE:** For improved sound ratings.  
 Coastal installations.  
 Windy areas or where debris is normally circulating.  
 Rooftop installations.
16. **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 shutoff valves are available. Do not use with Liquid-Line Solenoid Valve.  
**NOTE:** Compressor Start Assist—Capacitor/Relay Type must also be used. Do not use with Liquid Line Solenoid.  
**SUGGESTED USE:** For improved system performance in cooling mode for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory. Required for use on all zoning systems.
17. **Time-Delay Relay**  
 An SPST delay relay which briefly continues operation of the indoor blower motor to provide additional cooling after the compressor cycles off.  
**SUGGESTED USE:** For improved efficiency ratings for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory. Required for use on all zoning systems.
18. **Winter Start Control**  
 An SPST delay relay which bypasses the low-pressure switch for approximately 3 minutes to permit start-up for cooling operation under low-load conditions.  
**SUGGESTED USE:** All air conditioners where Low-Ambient Controller has been added.

## SOUND POWER (dBA)

UNIT SIZE	OCTAVE BAND CENTER FREQUENCY (Hz)						
	125	250	500	1000	2000	4000	8000
024	49.0	58.5	65.0	72.0	66.4	62.0	57.5
030	49.5	62.5	68.5	72.5	67.5	62.5	56.0
036	57.5	63.5	68.0	75.0	71.0	65.5	58.5
042	54.0	67.5	68.5	72.5	71.5	64.0	60.0
048	57.0	70.5	73.5	75.5	73.0	69.5	64.0
060	70.5	72.5	72.5	75.0	69.5	65.5	61.5

Not listed in ARI; however, tested in accordance with ARI Standard 270-95.

## SOUND POWER (dBA)

UNIT SIZE	W/SOUND BLANKET	W/O SOUND BLANKET
024	74	76
030	75	77
036	76	79
042	77	79
048	78	80
060	78	80

## 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 TXV‡		
024-A	CK5A/CK5BA030*	23,000	NONE	—	12.00	12.00	10.05	
	CC5A/CD5AA024	23,000	NONE	—	11.70	11.70	9.90	
	CC5A/CD5AA030	23,000	NONE	—	12.00	12.00	9.95	
	CC5A/CD5AW024	23,000	NONE	—	11.70	11.70	9.90	
	CC5A/CD5AW030	23,000	NONE	—	12.00	12.00	9.95	
	CE3AA024	23,000	NONE	—	11.70	11.70	10.00	
	CE3AA030	23,000	NONE	—	12.00	12.00	10.10	
	CF5AA024	23,000	NONE	—	11.70	11.70	9.95	
	CK3BA024	23,000	NONE	—	11.70	11.70	10.05	
	CK3BA030	23,000	NONE	—	12.00	12.00	10.05	
	CK5A/CK5BA024	23,000	NONE	—	11.70	11.70	10.05	
	CK5A/CK5BW024	23,000	NONE	—	11.70	11.70	10.05	
	CK5A/CK5BW030	23,000	NONE	—	12.00	12.00	10.05	
	F(A,B)4AN(F,C)024	23,200	TDR	12.00	—	12.00	10.10	
	F(A,B)4AN(F,C)030	23,600	TDR	12.20	—	12.20	10.20	
	FC4BNF024	23,200	TDR&TXV	12.00	—	—	10.05	
	FC4BNF030	23,600	TDR&TXV	12.20	—	—	10.15	
	FF1(B,C,D)NA024	23,000	TDR	11.70	—	11.70	9.95	
	FF1(B,C,D)NA030	23,600	TDR	12.00	—	12.00	10.10	
	FG3AAA024	22,800	NONE	—	11.70	11.70	9.80	
	FK4CNF001	23,400	TDR&TXV	13.00	—	—	11.05	
	FK4CNF002	23,600	TDR&TXV	13.50	—	—	11.10	
	FK4CNF003	23,600	TDR&TXV	13.50	—	—	11.30	
	FV4ANF002	23,600	NONE	13.50	—	13.50	11.10	
	FV4ANF003	23,600	NONE	13.70	—	13.70	11.30	
	FX4ANF030	23,600	NONE	12.20	—	12.20	10.25	
	<b>COILS + 333(B,J)AV036060 VARIABLE SPEED FURNACE</b>							
		CC5A/CD5AA024	23,000	TDR	12.50	—	12.50	10.65
		CC5A/CD5AA030	23,600	TDR	13.00	—	13.00	10.80
		CC5A/CD5AW030	23,600	TDR	13.00	—	13.00	10.80
		CK3BA024	23,000	TDR	12.50	—	12.50	10.85
		CK3BA030	23,200	TDR	13.00	—	13.00	10.95
		CK5A/CK5BA024	23,000	TDR	12.50	—	12.50	10.85
		CK5A/CK5BA030	23,600	TDR	13.00	—	13.00	10.95
		CK5A/CK5BW030	23,600	TDR	13.00	—	13.00	10.95
	<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AW030	23,200	TDR	13.00	—	13.00	10.75	
	CK5A/CK5BW030	23,200	TDR	13.00	—	13.00	10.80	
<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>								
	CC5A/CD5AW024	23,000	TDR	12.50	—	12.50	10.60	
	CC5A/CD5AW030	23,200	TDR	13.00	—	13.00	10.75	
	CK3BA024	23,000	TDR	12.50	—	12.50	10.75	
	CK3BA030	23,200	TDR	13.00	—	13.00	10.80	
	CK5A/CK5BW024	23,000	TDR	12.50	—	12.50	10.75	
	CK5A/CK5BW030	23,200	TDR	13.00	—	13.00	10.80	
<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>								
	CC5A/CD5AW024	23,000	TDR	12.50	—	12.50	10.80	
	CC5A/CD5AW030	23,200	TDR	13.00	—	13.00	10.95	
	CK5A/CK5BW024	23,000	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BW030	23,200	TDR	13.00	—	13.00	11.00	
030-A	CK5A/CK5BA036*	29,000	NONE	—	12.00	12.00	10.45	
	CC5A/CD5AA030	28,000	NONE	—	11.70	11.70	10.10	
	CC5A/CD5AA036	29,000	NONE	—	12.00	12.00	10.40	
	CC5A/CD5AW030	28,000	NONE	—	11.70	11.70	10.10	
	CC5A/CD5AW036	29,000	NONE	—	12.00	12.00	10.40	
	CE3AA030	28,000	NONE	—	11.70	11.70	10.25	
	CE3AA036	28,200	NONE	—	12.00	12.00	10.30	
	CF5AA036	28,800	NONE	—	12.00	12.00	10.40	
	CK3BA030	28,000	NONE	—	11.70	11.70	10.15	
	CK3BA036	29,000	NONE	—	12.00	12.00	10.45	
	CK5A/CK5BA030	28,000	NONE	—	11.70	11.70	10.15	
	CK5A/CK5BN036	28,000	NONE	—	11.70	11.70	10.45	
	CK5A/CK5BT036	29,000	NONE	—	12.00	12.00	10.45	
	CK5A/CK5BW030	28,000	NONE	—	11.70	11.70	10.15	
	CK5A/CK5BW036	29,000	NONE	—	12.00	12.00	10.45	
	F(A,B)4AN(F,C)030	27,800	TDR	11.70	—	11.70	10.30	
	F(A,B)4AN(F,C)036	28,000	TDR	11.70	—	11.70	10.20	
	FC4BNF030	27,800	TDR&TXV	11.70	—	—	10.25	
	FC4BNF036	28,000	TDR&TXV	11.70	—	—	10.10	
	FF1(B,C,D)NA030	28,400	TDR	11.70	—	11.70	10.15	
	FG3AAA036	28,400	NONE	11.70	—	11.70	10.25	
	FK4CNF001	28,000	TDR&TXV	13.00	—	—	11.10	
	FK4CNF002	28,400	TDR&TXV	13.00	—	—	11.20	
	FK4CNF003	28,400	TDR&TXV	13.50	—	—	11.55	
	FK4CNF005	29,200	TDR&TXV	14.00	—	—	11.85	
	FV4ANF002	28,400	NONE	13.20	—	13.20	11.25	
	FV4ANF003	28,800	NONE	13.70	—	13.70	11.55	
	FV4ANF005	29,200	NONE	14.00	—	14.00	11.85	
	FX4ANF030	27,800	NONE	12.00	—	12.00	10.40	
	FX4ANF036	28,000	NONE	11.70	—	11.70	10.20	

See notes on page 13.



## 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 TXV‡		
030-A	<b>COILS + 333(B,J)AV036060 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA030	27,800	TDR	12.50	—	12.50	10.80	
	CC5A/CD5AA036	29,000	TDR	13.00	—	13.00	11.25	
	CC5A/CD5AW030	27,800	TDR	12.50	—	12.50	10.80	
	CK3BA030	27,800	TDR	12.50	—	12.50	10.90	
	CK3BA036	29,000	TDR	13.00	—	13.00	11.30	
	CK5A/CK5BA030	27,800	TDR	12.50	—	12.50	10.90	
	CK5A/CK5BA036	29,000	TDR	13.00	—	13.00	11.30	
	CK5A/CK5BW030	27,800	TDR	12.50	—	12.50	10.90	
	<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AW030	27,800	TDR	12.50	—	12.50	11.00	
	CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.45	
	CK5A/CK5BW030	27,800	TDR	12.50	—	12.50	11.05	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.50	
	<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AW030	28,000	TDR	12.30	—	12.30	10.60	
	CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.05	
	CK5A/CK5BW030	28,000	TDR	12.30	—	12.30	10.65	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.10	
	<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA036	29,000	TDR	12.70	—	12.70	11.05	
	CC5A/CD5AW030	28,000	TDR	12.30	—	12.30	10.60	
	CK3BA030	28,000	TDR	12.30	—	12.30	10.65	
	CK3BA036	29,000	TDR	13.00	—	13.00	11.10	
	CK5A/CK5BA036	29,000	TDR	13.00	—	13.00	11.10	
	CK5A/CK5BW030	28,000	TDR	12.30	—	12.30	10.65	
	<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AW030	28,000	TDR	12.50	—	12.50	10.70	
	CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.15	
	CK5A/CK5BW030	28,000	TDR	12.50	—	12.50	10.75	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.20	
	<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AW030	28,000	TDR	12.30	—	12.30	10.55	
	CC5A/CD5AW036	29,000	TDR	12.70	—	12.70	11.05	
	CK5A/CK5BW030	28,000	TDR	12.30	—	12.30	10.60	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.05	
	<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AW030	28,000	TDR	12.50	—	12.50	10.95	
	CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.40	
	CK5A/CK5BW030	28,000	TDR	12.50	—	12.50	11.00	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.40	
	<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.35	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.35	
	036-A	CK5A/CK5BA042*	35,000	NONE	—	12.00	12.00	10.40
		CC5A/CD5AA036	35,000	NONE	—	12.00	12.00	10.40
		CC5A/CD5AA042	35,000	NONE	—	12.00	12.00	10.40
		CC5A/CD5AW036	35,000	NONE	—	12.00	12.00	10.40
CC5A/CD5AW042		34,800	NONE	—	12.00	12.00	10.30	
CE3AA036		34,600	NONE	—	11.70	11.70	10.25	
CE3AA042		35,000	NONE	—	12.00	12.00	10.45	
CF5AA036		34,800	NONE	—	12.00	12.00	10.35	
CK3BA036		35,000	NONE	—	12.00	12.00	10.40	
CK3BA042		35,000	NONE	—	12.00	12.00	10.40	
CK5A/CK5BA036		35,000	NONE	—	12.00	12.00	10.40	
CK5A/CK5BN042		35,000	NONE	—	12.00	12.00	10.40	
CK5A/CK5BT036		35,000	NONE	—	12.00	12.00	10.40	
CK5A/CK5BT042		35,000	NONE	—	12.00	12.00	10.40	
CK5A/CK5BW036		35,000	NONE	—	12.00	12.00	10.40	
F(A,B)4AN(F,B,C)042		35,000	TDR	12.00	—	12.00	10.35	
F(A,B)4AN(F,C)036		34,000	TDR	11.50	—	11.50	10.10	
FC4BN(F,B)042		35,000	TDR&TXV	12.00	—	—	10.30	
FC4BNF036		34,000	TDR&TXV	11.50	—	—	10.05	
FG3AAA036		34,000	NONE	—	11.50	11.50	10.20	
FK4CNB006		35,400	TDR&TXV	14.00	—	—	12.00	
FK4CNF001		33,800	TDR&TXV	12.50	—	—	10.80	
FK4CNF002		34,000	TDR&TXV	12.50	—	—	10.85	
FK4CNF003		34,200	TDR&TXV	13.00	—	—	11.30	
FK4CNF005		35,000	TDR&TXV	13.50	—	—	11.75	
FV4ANB006		35,800	NONE	14.00	—	14.00	12.00	
FV4ANF002		34,000	NONE	12.50	—	12.50	10.85	
FV4ANF003		34,200	NONE	13.00	—	13.00	11.30	
FV4ANF005		35,000	NONE	13.70	—	13.70	11.75	
FX4ANF042		34,000	NONE	12.10	—	12.10	10.45	
<b>COILS + 333(B,J)AV036060 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AA036		34,600	TDR	12.50	—	12.50	10.90	
CK3BA036		34,600	TDR	12.50	—	12.50	10.95	
CK5A/CK5BA036		34,600	TDR	12.50	—	12.50	10.95	

See notes on page 13.

## 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 TXV‡		
<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>								
036-A	CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.15	
	CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	11.05	
	CC5A/CD5AW042	34,600	TDR	13.00	—	13.00	11.05	
	CK3BA042	34,600	TDR	13.00	—	13.00	11.15	
	CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.15	
	CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	11.10	
	<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.40	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.35	
	CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.45	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.35	
	<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.30	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.25	
	CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.35	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.30	
	<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	34,600	TDR	12.50	—	12.50	11.00	
	CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BA042	34,600	TDR	12.50	—	12.50	11.05	
CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	11.00		
<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AA036	34,600	TDR	12.50	—	12.50	10.90		
CK3BA036	34,600	TDR	12.50	—	12.50	10.95		
CK5A/CK5BA036	34,600	TDR	12.50	—	12.50	10.95		
<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AA042	34,600	TDR	12.50	—	12.50	11.10		
CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	11.00		
CC5A/CD5AW042	34,600	TDR	12.50	—	12.50	11.00		
CK5A/CK5BA042	34,600	TDR	12.50	—	12.50	11.15		
CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	11.05		
<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AW042	34,600	TDR	12.50	—	12.50	10.90		
CC5A/CD5AA042	34,600	TDR	12.50	—	12.50	11.00		
CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	10.90		
CK5A/CK5BA042	34,600	TDR	12.50	—	12.50	11.05		
CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	10.95		
<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AW042	34,600	TDR	13.00	—	13.00	11.15		
CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.25		
CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.20		
CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.30		
CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.25		
<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.20		
CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.15		
CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.25		
CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.20		
042-A	CK5A/CK5BA048*	40,000	NONE	—	12.00	12.00	10.45	
	CC5A/CD5AA042	39,500	NONE	—	11.70	11.70	10.40	
	CC5A/CD5AC048	39,500	NONE	—	11.70	11.70	10.30	
	CC5A/CD5AW042	39,500	NONE	—	11.70	11.70	10.35	
	CC5A/CD5AW048	40,000	NONE	—	12.00	12.00	10.40	
	CD5AA048	40,000	NONE	—	12.00	12.00	10.45	
	CE3AA042	39,500	NONE	—	12.00	12.00	10.45	
	CE3AA048	40,000	NONE	—	12.00	12.00	10.50	
	CF5AA048	39,500	NONE	—	12.00	12.00	10.45	
	CK3BA042	39,500	NONE	—	11.70	11.70	10.40	
	CK3BA048	40,000	NONE	—	12.00	12.00	10.45	
	CK5A/CK5BA042	39,500	NONE	—	11.70	11.70	10.40	
	CK5A/CK5BN048	39,500	NONE	—	12.00	12.00	10.45	
	CK5A/CK5BT042	39,500	NONE	—	11.70	11.70	10.40	
	CK5A/CK5BT048	40,000	NONE	—	12.00	12.00	10.45	
	CK5A/CK5BW048	40,000	NONE	—	12.00	12.00	10.45	
	F(A,B)4AN(F,B,C)042	39,500	TDR	11.70	—	11.70	10.25	
	F(A,B)4AN(F,B,C)048	40,000	TDR	12.00	—	12.00	10.40	
	FC4BN(F,B)042	39,000	TDR&TXV	11.70	—	—	10.10	
	FC4BN(F,B)048	39,500	TDR&TXV	12.00	—	—	10.25	
	FC4BNB054	40,500	TDR&TXV	12.20	—	—	10.75	
	FG3AAA048	40,000	NONE	—	11.70	11.70	10.45	
	FK4CNB006	40,500	TDR&TXV	13.50	—	—	11.80	
	FK4CNF003	38,500	TDR&TXV	12.50	—	—	11.10	
	FK4CNF005	40,000	TDR&TXV	13.00	—	—	11.45	
	FV4ANB006	40,500	NONE	13.70	—	13.70	11.80	
	FV4ANF003	38,500	NONE	12.70	—	12.70	11.10	

See notes on page 13.

## 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 TXV‡		
042-A	FV4ANF005	40,500	NONE	13.20	—	13.20	11.45	
	FX4ANF042	38,500	NONE	11.70	—	11.70	10.25	
	FX4ANF048	39,500	NONE	12.00	—	12.00	10.40	
	<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.20	—	12.20	10.95	
	CD5AA048	39,500	TDR	12.50	—	12.50	11.05	
	CK3BA042	39,000	TDR	12.20	—	12.20	11.00	
	CK3BA048	39,500	TDR	12.50	—	12.50	11.10	
	CK5A/CK5BA042	39,000	TDR	12.20	—	12.20	11.00	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	11.15	
	<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	11.25	
	CC5A/CD5AW048	39,500	TDR	13.00	—	13.00	11.30	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	11.25	
	CK5A/CK5BW048	39,500	TDR	13.00	—	13.00	11.35	
	<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	11.20	
	CC5A/CD5AW048	39,500	TDR	13.00	—	13.00	11.30	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	11.25	
	CK5A/CK5BW048	39,500	TDR	13.00	—	13.00	11.35	
	<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.20	—	12.20	10.80	
	CC5A/CD5AW048	39,500	TDR	12.50	—	12.50	10.90	
	CK5A/CK5BA042	39,000	TDR	12.20	—	12.20	10.80	
	CK5A/CK5BW048	39,500	TDR	12.50	—	12.50	10.95	
	<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>							
	CK3BA042	39,000	TDR	12.20	—	12.20	10.80	
	<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	10.90	
	CD5AA048	39,500	TDR	12.50	—	12.50	11.00	
	CK3BA042	39,000	TDR	12.50	—	12.50	10.95	
	CK3BA048	39,500	TDR	12.50	—	12.50	11.10	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	11.10	
	<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.20	—	12.20	10.80	
	CD5AA048	39,500	TDR	12.50	—	12.50	10.90	
	CK3BA042	39,000	TDR	12.20	—	12.20	10.80	
	CK3BA048	39,500	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BA042	39,000	TDR	12.20	—	12.20	10.80	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	10.95	
	<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	11.10	
	CD5AA048	39,500	TDR	12.50	—	12.50	11.20	
	CK3BA042	39,000	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	11.25	
	<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>							
CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	11.10		
CC5A/CD5AW048	39,500	TDR	12.50	—	12.50	11.20		
CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	11.10		
CK5A/CK5BW048	39,500	TDR	12.50	—	12.50	11.25		
048-A	CK5A/CK5BA060*	46,000	NONE	—	12.00	12.00	10.45	
	CC5A/CD5AA060	45,000	NONE	—	11.70	11.70	10.20	
	CC5A/CD5AC048	44,000	NONE	—	11.50	11.50	10.10	
	CC5A/CD5AW048	45,000	NONE	—	11.70	11.70	10.20	
	CC5A/CD5AW060	46,500	NONE	—	12.00	12.00	10.40	
	CD5AA048	45,000	NONE	—	11.70	11.70	10.20	
	CE3AA048	45,000	NONE	—	11.70	11.70	10.30	
	CE3AA060	46,000	NONE	—	12.00	12.00	10.45	
	CF5AA048	44,000	NONE	—	11.70	11.70	10.25	
	CK3BA048	45,000	NONE	—	11.70	11.70	10.20	
	CK3BA060	46,000	NONE	—	12.00	12.00	10.45	
	CK5A/CK5BA048	45,000	NONE	—	11.70	11.70	10.20	
	CK5A/CK5BN060	45,000	NONE	—	12.00	12.00	10.55	
	CK5A/CK5BT048	45,000	NONE	—	11.70	11.70	10.20	
	CK5A/CK5BT060	46,000	NONE	—	12.00	12.00	10.45	
	CK5A/CK5BW048	45,000	NONE	—	11.70	11.70	10.20	
	CK5A/CK5BX060	46,000	NONE	—	12.00	12.00	10.55	
	F(A,B)4AN(F,B,C)048	45,000	TDR	11.70	—	11.70	10.15	
	F(A,B)4AN(F,B,C)060	46,000	TDR	11.70	—	11.70	10.15	
	FB4ANB070	46,500	TDR	12.00	—	12.00	10.50	
	FC4BN(F,B)048	44,500	TDR&TXV	11.50	—	—	10.05	
	FC4BN(F,B)060	45,000	TDR&TXV	11.50	—	—	10.05	
	FC4BNB054	45,000	TDR&TXV	12.00	—	—	10.45	
	FC4BNB070	46,000	TDR&TXV	12.00	—	—	10.40	
	FG3AAA048	44,000	NONE	—	11.50	11.50	10.20	

See notes on page 13.

**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 TXV‡		
048-A	FG3AAA060	45,000	NONE	—	11.70	11.70	10.30	
	FK4CNB006	46,000	TDR&TXV	13.20	—	—	11.45	
	FK4CNF005	45,000	TDR&TXV	12.50	—	—	11.15	
	FV4ANB006	46,000	NONE	13.20	—	13.20	11.45	
	FV4ANF005	45,000	NONE	12.70	—	12.70	11.15	
	FX4ANB060	45,500	NONE	12.00	—	12.00	10.40	
	FX4ANF048	45,000	NONE	11.70	—	11.70	10.20	
	<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>							
	CD5AA048	44,500	TDR	12.00	—	12.00	10.45	
	CK3BA048	44,500	TDR	12.00	—	12.00	10.50	
	CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.50	
	<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA060	45,000	TDR	12.50	—	12.50	10.95	
	CC5A/CD5AW048	44,500	TDR	12.50	—	12.50	10.90	
	CC5A/CD5AW060	45,500	TDR	13.00	—	13.00	11.25	
	CK3BA060	45,000	TDR	12.50	—	12.50	11.25	
	CK5A/CK5BA060	45,000	TDR	13.00	—	13.00	11.25	
	CK5A/CK5BW048	44,500	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BX060	46,000	TDR	13.00	—	13.00	11.40	
	<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>							
CC5A/CD5AA060	45,000	TDR	12.50	—	12.50	10.85		
CC5A/CD5AW048	44,500	TDR	12.50	—	12.50	10.80		
CC5A/CD5AW060	45,500	TDR	12.50	—	12.50	11.15		
CK3BA060	45,000	TDR	12.50	—	12.50	11.15		
CK5A/CK5BA060	45,000	TDR	12.50	—	12.50	11.15		
CK5A/CK5BW048	44,500	TDR	12.50	—	12.50	10.85		
CK5A/CK5BX060	46,000	TDR	13.00	—	13.00	11.30		
<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>								
CD5AA048	44,500	TDR	12.00	—	12.00	10.40		
CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.45		
<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AW060	46,000	TDR	12.00	—	12.00	10.55		
CK3BA048	44,500	TDR	12.00	—	12.00	10.35		
CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.35		
CK5A/CK5BA060	45,000	TDR	12.00	—	12.00	10.55		
CK5A/CK5BX060	45,000	TDR	12.00	—	12.00	10.70		
<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AA060	44,500	TDR	12.00	—	12.00	10.60		
CC5A/CD5AW060	45,500	TDR	12.50	—	12.50	10.85		
CD5AA048	44,500	TDR	12.00	—	12.00	10.60		
CK3BA048	44,500	TDR	12.00	—	12.00	10.65		
CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.65		
CK5A/CK5BA060	45,000	TDR	12.00	—	12.00	10.85		
CK5A/CK5BX060	46,000	TDR	12.50	—	12.50	11.05		
<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AA060	44,500	TDR	12.00	—	12.00	10.65		
CC5A/CD5AW048	45,000	TDR	12.00	—	12.00	10.65		
CC5A/CD5AW060	45,500	TDR	12.50	—	12.50	10.90		
CK5A/CK5BA060	45,000	TDR	12.00	—	12.00	10.90		
CK5A/CK5BW048	44,500	TDR	12.00	—	12.00	10.70		
CK5A/CK5BX060	46,000	TDR	12.50	—	12.50	11.05		
060-A	CK5A/CK5BA060*	58,000	NONE	—	12.00	12.00	10.30	
	CC5A/CD5AA060	55,000	NONE	—	11.50	11.50	10.10	
	CC5A/CD5AW060	58,000	NONE	—	11.70	11.70	10.30	
	CE3AA060	57,000	NONE	—	12.00	12.00	10.40	
	CK3BA060	57,000	NONE	—	12.00	12.00	10.30	
	CK5A/CK5BT060	57,000	NONE	—	12.00	12.00	10.30	
	CK5A/CK5BX060	58,000	NONE	—	12.00	12.00	10.45	
	F(A,B)4AN(F,B,C)060	57,000	TDR	11.50	—	11.50	10.00	
	FB4ANB070	58,000	TDR	12.00	—	12.00	10.40	
	FC4BN(F,B)060	57,000	TDR&TXV	11.50	—	—	9.85	
	FC4BNB070	58,000	TDR&TXV	12.00	—	—	10.30	
	FG3AAA060	56,000	NONE	—	11.50	11.50	10.20	
	FK4CNB006	58,000	TDR&TXV	12.50	—	—	10.90	
	FV4ANB006	58,000	NONE	12.50	—	12.50	10.85	
	FX4ANB060	56,000	NONE	12.00	—	12.00	10.25	
	<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>							
	CC5A/CD5AA060	56,000	TDR	12.00	—	12.00	10.30	
	CC5A/CD5AW060	58,000	TDR	12.00	—	12.00	10.65	
	CK3BA060	58,000	TDR	12.00	—	12.00	10.55	
	CK5A/CK5BA060	58,000	TDR	12.00	—	12.00	10.55	
CK5A/CK5BX060	58,000	TDR	12.50	—	12.50	10.85		
<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>								
CC5A/CD5AA060	56,000	TDR	11.70	—	11.70	10.20		
CC5A/CD5AW060	58,000	TDR	12.00	—	12.00	10.55		
CK3BA060	58,000	TDR	12.00	—	12.00	10.45		
CK5A/CK5BA060	58,000	TDR	12.00	—	12.00	10.45		
CK5A/CK5BX060	58,000	TDR	12.50	—	12.50	10.75		

See notes on page 13.

\* 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.

\*\* Ratings shown are with R-22 TXV replaced with Puron® TXV.

**EER** — Energy Efficiency Ratio

**SEER** — Seasonal Energy Efficiency Ratio

**TDR** — Time-Delay Relay

**TXV** — 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‡	
<b>533AN024-A Outdoor Section With CK5AA030 Indoor Section</b>																			
700	72	26.7	13.0	1.84	25.7	12.6	2.06	24.6	12.2	2.29	23.3	11.8	2.56	22.0	11.3	2.85	20.4	10.8	3.17
	67	25.2	16.7	1.83	24.1	16.3	2.04	22.8	15.8	2.27	21.5	15.2	2.53	19.9	14.6	2.80	17.3	13.6	3.08
	63††	22.4	15.9	1.80	20.9	15.2	1.99	19.3	14.4	2.21	18.3	14.0	2.46	17.3	13.6	2.74	15.3	12.8	3.02
	62	21.9	19.5	1.79	20.4	18.8	1.99	18.9	18.1	2.21	18.0	17.7	2.46	17.1	17.1	2.73	15.7	15.7	3.03
	57	20.6	20.6	1.77	19.3	19.3	1.97	18.6	18.6	2.20	17.9	17.9	2.45	17.0	17.0	2.73	15.9	15.9	3.04
800	72	26.9	13.3	1.88	26.0	13.0	2.09	24.9	12.6	2.33	23.8	12.3	2.60	22.3	11.8	2.89	20.7	11.4	3.21
	67	25.4	17.4	1.86	24.3	17.1	2.08	23.2	16.7	2.31	21.9	16.2	2.57	20.2	15.6	2.84	17.6	14.6	3.12
	63††	23.7	17.1	1.85	22.1	16.4	2.05	20.4	15.7	2.27	19.5	15.3	2.52	17.9	14.6	2.79	15.8	13.8	3.07
	62	23.2	21.3	1.84	21.7	20.6	2.04	20.2	19.8	2.26	19.3	19.3	2.52	18.5	18.5	2.80	16.6	16.6	3.09
	57	22.1	22.1	1.83	20.8	20.8	2.03	20.0	20.0	2.26	19.2	19.2	2.52	18.4	18.4	2.80	16.6	16.6	3.09
900	72	27.5	13.8	1.92	26.4	13.5	2.14	25.3	13.2	2.38	23.9	12.7	2.64	22.5	12.3	2.93	20.9	11.9	3.26
	67	25.6	18.1	1.90	24.4	17.7	2.11	23.4	17.4	2.35	22.1	17.1	2.61	20.5	16.5	2.89	18.0	15.6	3.17
	63††	24.4	18.1	1.89	23.1	17.6	2.10	21.5	16.9	2.32	20.5	16.5	2.58	18.3	15.6	2.83	16.3	14.8	3.12
	62	24.1	22.8	1.89	22.8	22.2	2.10	21.4	21.4	2.32	20.6	20.6	2.58	19.0	19.0	2.85	17.3	17.3	3.15
	57	23.4	23.4	1.88	22.0	22.0	2.08	21.3	21.3	2.32	20.4	20.4	2.58	19.0	19.0	2.85	17.1	17.1	3.15
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling													
		Capacity	Power			Capacity	Power												
CC5A/CD5AA	024	1.00	1.00	FX4ANF	030	1.03	0.98												
	030	1.00	1.00		<b>COILS + 333(B,J)AV036060 VARIABLE SPEED FURNACE</b>														
CC5A/CD5AW	024	1.00	1.00	CC5A/CD5AA	024	1.00	0.92												
	030	1.00	1.00		030	1.03	0.92												
CE3AA	024	1.00	1.00	CC5A/CD5AW	030	1.03	0.92												
	030	1.00	1.00		CK3BA	024	1.00	0.92											
CF5AA	024	1.00	1.00	030		1.01	0.92												
	CK3BA	024	1.00	1.00	CK5A/CK5BA	024	1.00	0.92											
030		1.00	1.00	030		1.03	0.92												
CK5A/CK5BA	024	1.00	1.00	CK5A/CK5BW	030	1.03	0.92												
	030	1.00	1.00		<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>														
CK5A/CK5BW	024	1.00	1.00	CC5A/CD5AW	030	1.01	0.94												
	030	1.00	1.00	CK5A/CK5BW	030	1.01	0.94												
F(A,B)4AN(F,C)	024	1.01	0.99	<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>															
	030	1.03	0.99	CC5A/CD5AW	024	1.00	0.95												
FC4BNF	024	1.01	0.98		030	1.01	0.94												
	FF1(B,C,D)NA	024	1.00	1.01	CK3BA	024	1.00	0.95											
030		1.03	1.01	030		1.01	0.94												
FG3AAA	024	0.99	1.00	CK5A/CK5BW	024	1.00	0.95												
					030	1.01	0.94												
FK4CNF	001	1.02	0.91	<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>															
	002	1.03	0.91	CC5A/CD5AW	024	1.00	0.93												
	003	1.03	0.90		030	1.01	0.93												
FV4ANF	002	1.03	0.91	CK5A/CK5BW	024	1.00	0.93												
	003	1.03	0.90		030	1.01	0.93												

See notes on page 19.

## 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‡	
<b>533AN030-A Outdoor Section With CK5AA036 Indoor Section</b>																			
875	72	33.8	16.9	2.24	32.6	16.5	2.49	31.2	16.0	2.76	29.5	15.5	3.07	27.7	14.9	3.41	25.3	14.1	3.78
	67	31.7	22.1	2.22	30.3	21.6	2.46	28.8	21.0	2.73	27.0	20.3	3.03	24.4	19.3	3.34	21.4	18.1	3.68
	63††	29.1	21.3	2.19	27.1	20.5	2.42	25.0	19.6	2.67	22.8	18.6	2.95	20.4	17.6	3.26	18.9	17.0	3.62
	62	28.5	26.6	2.18	26.6	25.6	2.41	24.7	24.6	2.66	22.8	22.8	2.95	21.8	21.8	3.28	20.3	20.3	3.65
	57	27.1	27.1	2.17	25.4	25.4	2.39	24.5	24.5	2.66	23.5	23.5	2.96	22.4	22.4	3.30	20.3	20.3	3.65
1000	72	34.1	17.4	2.30	33.0	17.2	2.54	31.6	16.8	2.82	29.9	16.3	3.12	28.0	15.7	3.47	25.5	14.9	3.84
	67	32.1	23.2	2.27	30.8	22.9	2.52	29.0	22.2	2.78	27.4	21.7	3.08	24.7	20.7	3.40	21.7	19.5	3.74
	63††	30.2	23.0	2.25	28.2	22.1	2.48	26.0	21.2	2.74	23.7	20.2	3.02	21.3	19.2	3.32	19.5	18.5	3.68
	62	30.0	28.9	2.25	28.1	27.9	2.48	26.3	26.3	2.74	24.6	24.6	3.03	23.4	23.4	3.37	21.0	21.0	3.72
	57	29.1	29.1	2.24	27.3	27.3	2.47	26.4	26.4	2.74	25.3	25.3	3.05	23.3	23.3	3.37	21.0	21.0	3.72
1125	72	34.3	18.0	2.35	33.3	17.8	2.60	31.8	17.4	2.87	30.2	17.0	3.18	28.2	16.4	3.52	25.8	15.7	3.90
	67	32.4	24.4	2.32	31.0	24.0	2.56	29.3	23.5	2.83	27.7	23.0	3.14	25.2	22.1	3.46	21.9	20.8	3.80
	63††	30.6	24.3	2.31	29.0	23.6	2.54	26.9	22.7	2.80	24.5	21.7	3.08	22.2	20.7	3.39	19.9	19.6	3.74
	62	30.7	30.6	2.31	29.4	29.4	2.55	27.7	27.7	2.81	26.1	26.1	3.11	24.4	24.4	3.44	21.6	21.6	3.79
	57	30.7	30.7	2.31	29.0	29.0	2.54	28.0	28.0	2.82	26.5	26.5	3.12	24.1	24.1	3.43	21.7	21.7	3.79
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	CK5A/CK5BA	036	1.00	0.93												
	036	1.00	1.00	CK5A/CK5BW	030	0.96	0.93												
CC5A/CD5AW	030	0.97	0.99	<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>															
	036	1.00	1.00	CC5A/CD5AW	030	0.96	0.92												
CE3AA	030	0.97	1.00	CK5A/CK5BW	036	1.00	0.91												
	036	0.97	1.00		030	0.96	0.92												
CF5AA	036	0.99	1.00	036	1.00	0.91													
	036	0.99	1.00		0.96	0.92													
CK3BA	030	0.97	0.99	<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>															
	036	1.00	1.00	CC5A/CD5AW	030	0.97	0.96												
CK5A/CK5BA	030	0.97	0.99	CK5A/CK5BW	036	1.00	0.95												
	036	1.00	1.00		030	0.97	0.96												
CK5A/CK5BN	036	0.97	1.00	036	1.00	0.95													
CK5A/CK5BT	036	1.00	1.00	<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>															
CK5A/CK5BW	030	0.97	0.99	CC5A/CD5AA	036	1.00	0.96												
	036	1.00	1.00	CC5A/CD5AW	030	0.97	0.96												
F(A,B)4AN(F,C)	030	0.96	0.99	CK3BA	030	0.97	0.96												
	036	0.97	1.01		036	1.00	0.96												
FC4BNF	030	0.96	0.98	CK5A/CK5BA	036	1.00	0.96												
	036	0.97	1.00	CK5A/CK5BW	030	0.97	0.96												
FF1(B,C,D)NA	030	0.98	1.01	<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>															
FG3AAA	036	0.98	1.00	CC5A/CD5AW	030	0.97	0.95												
FK4CNF	001	0.97	0.92	CK5A/CK5BW	036	1.00	0.95												
	002	0.98	0.92		030	0.97	0.95												
	003	0.98	0.90	036	1.00	0.95													
	005	1.01	0.90		<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>														
FV4ANF	002	0.98	0.92	CC5A/CD5AW	030	0.97	0.96												
	003	0.99	0.90	036	1.00	0.96													
	005	1.01	0.90	CK5A/CK5BW	030	0.97	0.96												
FX4ANF	030	0.96	0.98	036	1.00	0.96													
	036	0.97	1.00		<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>														
<b>COILS + 333(B,J)AV036060 VARIABLE SPEED FURNACE</b>				CC5A/CD5AW	030	0.97	0.94												
CC5A/CD5AA	030	0.96	0.93	CK5A/CK5BW	036	1.00	0.93												
	036	1.00	0.92		030	0.97	0.94												
CC5A/CD5AW	030	0.96	0.93	036	1.00	0.93													
CK3BA	030	0.96	0.93	<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>															
	036	1.00	0.93	CC5A/CD5AW	036	1.00	0.94												
CK5A/CK5BA	030	0.96	0.93	CK5A/CK5BW	036	1.00	0.94												

See notes on page 19.

**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‡	
<b>533AN036-A Outdoor Section With CK5AA042 Indoor Section</b>																			
1050	72	40.6	20.1	2.70	39.1	19.6	3.00	37.3	19.0	3.33	35.3	18.3	3.70	33.0	17.6	4.08	30.5	16.8	4.52
	67	38.2	26.3	2.68	36.3	25.5	2.98	34.5	24.8	3.30	32.4	24.0	3.66	30.2	23.2	4.04	26.5	21.9	4.43
	63††	35.9	25.8	2.67	34.1	25.1	2.96	32.0	24.1	3.27	29.6	23.1	3.62	26.8	21.9	3.97	23.4	20.5	4.35
	62	35.4	32.2	2.67	32.6	30.8	2.94	29.7	29.4	3.24	28.2	28.2	3.59	26.8	26.8	3.98	24.9	24.9	4.39
	57	33.6	33.6	2.64	31.7	31.7	3.17	29.6	29.6	3.23	28.3	28.3	3.59	26.9	26.9	3.98	24.6	24.6	4.38
1200	72	41.1	20.8	2.76	39.6	20.3	3.06	37.8	19.8	3.40	35.7	19.2	3.76	33.4	18.4	4.15	30.8	17.7	4.59
	67	38.9	27.8	2.75	36.9	27.0	3.04	35.0	26.4	3.37	32.9	25.6	3.72	30.6	24.9	4.11	26.9	23.5	4.50
	63††	36.6	27.4	2.73	34.7	26.6	3.02	32.5	25.7	3.34	30.1	24.7	3.68	27.2	23.5	4.04	23.7	22.0	4.42
	62	36.2	34.5	2.73	33.4	33.0	3.00	31.7	31.7	3.32	30.2	30.2	3.68	28.7	28.7	4.07	25.9	25.9	4.47
	57	35.0	35.0	2.71	33.9	33.9	3.01	31.8	31.8	3.32	30.5	30.5	3.69	29.0	29.0	4.08	25.9	25.9	4.47
1350	72	41.4	21.4	2.82	39.9	21.0	3.13	38.1	20.5	3.46	36.0	19.9	3.82	33.7	19.2	4.22	31.0	18.6	4.65
	67	39.1	29.0	2.80	37.4	28.5	3.10	35.4	27.8	3.43	33.3	27.1	3.78	31.0	26.5	4.18	27.5	25.1	4.58
	63††	37.0	28.8	2.79	35.2	28.1	3.08	32.9	27.1	3.40	30.4	26.1	3.74	27.5	24.9	4.11	24.1	23.4	4.49
	62	37.0	36.5	2.79	35.4	35.4	3.09	33.6	33.6	3.41	31.8	31.8	3.76	29.8	29.8	4.16	26.7	26.7	4.56
	57	36.9	36.9	2.79	35.4	35.4	3.09	33.7	33.7	3.41	31.8	31.8	3.76	29.8	29.8	4.16	27.0	27.0	4.56
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling													
		Capacity	Power			Capacity	Power												
CC5A/CD5AA	036	1.00	1.00	<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>															
	042	1.00	1.00	CC5A/CD5AA	042	0.99	0.92												
CC5A/CD5AW	036	1.00	1.00	CC5A/CD5AW	036	0.99	0.92												
	042	0.99	1.00	CK5A/CK5BA	042	0.99	0.92												
CE3AA	036	0.99	1.00	CK5A/CK5BW	036	0.99	0.92												
	042	1.00	1.00	<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>															
CF5AA	036	0.99	1.00	CC5A/CD5AA	042	0.99	0.92												
CK3BA	036	1.00	1.00	CC5A/CD5AW	036	0.99	0.92												
	042	1.00	1.00	CK5A/CK5BA	042	0.99	0.92												
CK5A/CK5BA	036	1.00	1.00	CK5A/CK5BW	036	0.99	0.92												
CK5A/CK5BN	042	1.00	1.00	<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>															
CK5A/CK5BT	036	1.00	1.00	CC5A/CD5AA	042	0.99	0.93												
	042	1.00	1.00	CC5A/CD5AW	036	0.99	0.94												
CK5A/CK5BW	036	1.00	1.00	CK5A/CK5BA	042	0.99	0.93												
F(A,B)4AN(F,B,C)	042	1.00	1.01	CK5A/CK5BW	036	0.99	0.94												
F(A,B)4AN(F,C)	036	0.97	1.02	<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>															
FC4BN(F,B)	042	1.00	1.00	CC5A/CD5AA	036	0.99	0.94												
FCBNF	036	0.97	1.01	CK3BA	036	0.99	0.94												
FG3AAA	036	0.97	1.00	CK5A/CK5BA	036	0.99	0.94												
FK4CNB	006	1.01	0.90	<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>															
FK4CNF	001	0.97	0.94	CC5A/CD5AA	042	0.99	0.93												
	002	0.97	0.94	CC5A/CD5AW	036	0.99	0.93												
	003	0.98	0.91																
	005	1.00	0.91	CK5A/CK5BA	042	0.99	0.93												
FV4ANB	006	1.02	0.90	CK5A/CK5BW	036	0.99	0.93												
FV4ANF	002	0.97	0.94	<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>															
	003	0.98	0.91	CC5A/CD5AA	042	0.99	0.93												
	005	1.00	0.91	CC5A/CD5AW	036	0.99	0.94												
FX4ANF	042	0.97	1.00		042	0.99	0.93												
<b>COILS + 333(B,J)AV036060 VARIABLE SPEED FURNACE</b>				CK5A/CK5BA	042	0.99	0.94												
CC5A/CD5AA	036	0.99	0.95	CK5A/CK5BW	036	0.99	0.94												
CK3BA	036	0.99	0.95	<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>															
CK5A/CK5BA	036	0.99	0.95	CC5A/CD5AA	042	0.99	0.92												
<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>				CC5A/CD5AW	036	0.99	0.92												
CC5A/CD5AA	042	0.99	0.93		042	0.99	0.92												
CC5A/CD5AW	036	0.99	0.94	CK5A/CK5BA	042	0.99	0.92												
	042	0.99	0.93	CK5A/CK5BW	036	0.99	0.92												
CK3BA	042	0.99	0.93	<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>															
CK5A/CK5BA	042	0.99	0.93	CC5A/CD5AA	042	0.99	0.92												
CK5A/CK5BW	036	0.99	0.94	CC5A/CD5AW	036	0.99	0.92												
	—	—	—	CK5A/CK5BA	042	0.99	0.92												
	—	—	—	CK5A/CK5BW	036	0.99	0.92												

See notes on page 19.



**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‡		Total
<b>533AN042-A Outdoor Section With CK5AA048 Indoor Section</b>																				
1225	72	46.5	23.0	3.09	45.1	22.7	3.44	43.0	21.9	3.81	40.7	21.2	4.23	38.1	20.3	4.69	35.2	19.4	5.20	
	67	44.0	30.4	3.06	41.9	29.6	3.39	39.6	28.6	3.77	37.3	27.7	4.17	34.4	26.6	4.61	30.2	25.0	5.09	
	63††	38.6	28.5	2.98	35.8	27.3	3.29	33.1	26.2	3.64	31.8	25.6	4.06	30.2	25.0	4.53	26.6	23.5	4.99	
	62	38.1	35.8	2.97	35.4	34.4	3.29	33.1	33.1	3.64	32.0	32.0	4.07	30.7	30.7	4.54	28.1	28.1	5.03	
	57	37.3	37.3	2.96	35.1	35.1	3.28	33.8	33.8	3.65	32.4	32.4	4.08	30.8	30.8	4.54	28.1	28.1	5.03	
1400	72	47.1	23.9	3.16	45.3	23.3	3.50	43.2	22.7	3.88	41.0	22.0	4.30	38.4	21.2	4.75	35.6	20.4	5.29	
	67	44.5	32.0	3.13	42.2	31.0	3.46	40.0	30.2	3.83	37.8	29.5	4.24	35.2	28.6	4.70	30.9	27.0	5.18	
	63††	39.7	30.5	3.07	36.8	29.3	3.38	34.4	28.3	3.74	33.1	27.7	4.16	31.2	26.9	4.61	27.6	25.4	5.08	
	62	39.2	38.4	3.06	37.7	37.5	3.39	35.5	35.5	3.76	34.4	34.4	4.19	32.8	32.8	4.64	29.8	29.8	5.14	
	57	38.9	38.9	3.05	37.6	37.6	3.39	36.2	36.2	3.77	34.8	34.8	4.20	32.4	32.4	4.64	29.6	29.6	5.14	
1575	72	47.6	24.7	3.24	45.9	24.3	3.59	43.7	23.7	3.96	41.4	23.0	4.38	38.7	22.2	4.84	35.8	21.4	5.38	
	67	44.9	33.4	3.20	42.5	32.5	3.53	40.4	31.9	3.90	38.1	31.1	4.31	35.6	30.4	4.78	31.6	28.8	5.26	
	63††	41.0	32.5	3.15	39.1	31.7	3.48	35.9	30.4	3.83	34.2	29.7	4.25	32.0	28.7	4.70	28.0	27.0	5.17	
	62	41.5	41.3	3.16	39.9	39.9	3.50	37.6	37.6	3.87	36.5	36.5	4.29	34.0	34.0	4.74	31.0	31.0	5.24	
	57	41.3	41.3	3.16	39.8	39.8	3.49	38.4	38.4	3.88	36.5	36.5	4.29	33.8	33.8	4.74	30.9	30.9	5.24	
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	1.00	CK5A/CK5BA	042	0.98	0.92													
CC5A/CD5AC	048	0.99	1.00	CK5A/CK5BW	048	0.99	0.92													
CC5A/CD5AW	042	0.99	1.00	<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>																
	048	1.00	1.00	CC5A/CD5AA	042	0.98	0.93													
CD5AA	048	1.00	1.00	CC5A/CD5AW	048	0.99	0.92													
CE3AA	042	0.99	1.00	CK5A/CK5BA	042	0.98	0.93													
	048	1.00	1.00	CK5A/CK5BW	048	0.99	0.92													
CF5AA	048	0.99	1.00	<b>COILS + 355MAV042040 VARIABLE SPEED FURNACE</b>																
CK3BA	042	0.99	1.00	CC5A/CD5AA	042	0.98	0.95													
	048	1.00	1.00	CC5A/CD5AW	048	0.99	0.95													
CK5A/CK5BA	042	0.99	1.00	CK5A/CK5BA	042	0.98	0.95													
	048	1.00	1.00	CK5A/CK5BW	048	0.99	0.95													
CK5A/CK5BN	048	0.99	1.00	<b>COILS + 355MAV042060 VARIABLE SPEED FURNACE</b>																
CK5A/CK5BT	042	0.99	1.00	CK3BA	042	0.98	0.95													
	048	1.00	1.00	<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>																
CK5A/CK5BW	048	1.00	1.00	CC5A/CD5AA	042	0.98	0.94													
F(A,B)4AN(F,B,C)	042	0.99	1.01	CD5AA	048	0.99	0.94													
	048	1.00	1.02	CK3BA	042	0.98	0.94													
FC4BN(F,B)	042	0.98	1.00		048	0.99	0.94													
	048	0.99	1.00	CK5A/CK5BA	042	0.98	0.94													
FC4BNB	054	1.01	0.99		048	0.99	0.94													
FG3AAA	048	1.00	1.00	<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>																
FK4CNB	006	1.01	0.90	CC5A/CD5AA	042	0.98	0.95													
	003	0.96	0.91	CD5AA	048	0.99	0.95													
FK4CNF	005	1.00	0.92	CK3BA	042	0.98	0.95													
	006	1.01	0.90		048	0.99	0.95													
FV4ANB	003	0.96	0.91	CK5A/CK5BA	042	0.98	0.95													
	005	1.01	0.92		048	0.99	0.95													
FX4ANF	042	0.96	1.00	<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>																
	048	0.99	1.00	CC5A/CD5AA	042	0.98	0.93													
<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>				CD5AA	048	0.99	0.93													
CC5A/CD5AA	042	0.98	0.94	CK3BA	042	0.98	0.93													
CD5AA	048	0.99	0.94	CK5A/CK5BA	042	0.98	0.93													
CK3BA	042	0.98	0.94		048	0.99	0.93													
	048	0.99	0.94	<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>																
CK5A/CK5BA	042	0.98	0.94	CC5A/CD5AA	042	0.98	0.93													
	048	0.99	0.94	CC5A/CD5AW	048	0.99	0.93													
<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>				CK5A/CK5BA	042	0.98	0.93													
CC5A/CD5AA	042	0.98	0.92	CK5A/CK5BW	048	0.99	0.93													
CC5A/CD5AW	048	0.99	0.92	—																

See notes on page 19.

**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‡		Total	Sens‡		
<b>533AN048-A Outdoor Section With CK5AA060 Indoor Section</b>																							
1400	72	53.1	26.3	3.58	51.2	25.7	3.96	49.3	25.2	4.40	47.0	24.4	4.88	44.1	23.5	5.41	41.0	22.4	6.03				
	67	49.9	34.4	3.53	47.7	33.5	3.90	45.3	32.6	4.31	42.9	31.8	4.79	39.8	30.6	5.31	35.3	28.9	5.87				
	63††	46.8	33.8	3.49	44.6	32.9	3.85	40.8	31.2	4.24	36.7	29.5	4.68	34.0	28.3	5.18	31.0	27.1	5.76				
	62	46.2	42.1	3.48	42.7	40.5	3.83	39.1	38.7	4.22	37.0	37.0	4.68	34.9	34.9	5.21	32.4	32.4	5.80				
	57	44.7	44.7	3.46	42.3	42.3	3.82	39.7	39.7	4.23	37.0	37.0	4.68	35.3	35.3	5.21	32.2	32.2	5.80				
1600	72	53.7	27.3	3.67	51.8	26.7	4.05	50.0	26.3	4.49	47.4	25.5	4.96	44.4	24.6	5.49	41.4	23.7	6.13				
	67	50.5	36.2	3.61	48.3	35.4	3.98	46.0	34.8	4.41	43.5	34.0	4.88	40.3	32.8	5.41	35.8	31.1	5.97				
	63††	47.7	35.9	3.58	45.4	34.9	3.95	41.4	33.3	4.34	37.6	31.7	4.77	34.8	30.5	5.28	31.7	29.2	5.86				
	62	47.2	45.2	3.57	44.1	43.6	3.93	42.0	42.0	4.35	40.0	40.0	4.82	37.8	37.8	5.34	33.8	33.8	5.92				
	57	46.7	46.7	3.57	44.1	44.1	3.93	41.7	41.7	4.34	40.1	40.1	4.82	37.4	37.4	5.34	34.2	34.2	5.93				
1800	72	54.0	28.1	3.75	52.2	27.6	4.13	50.0	27.1	4.56	47.5	26.4	5.03	44.8	25.7	5.58	41.7	24.8	6.23				
	67	50.8	37.7	3.69	48.9	37.4	4.07	46.5	36.8	4.50	44.0	36.0	4.98	40.8	34.9	5.50	36.0	33.1	6.07				
	63††	48.2	37.6	3.66	46.0	36.9	4.04	43.5	35.9	4.45	40.0	34.4	4.89	35.9	32.7	5.39	32.4	31.2	5.96				
	62	48.1	47.7	3.66	46.2	46.2	4.04	44.2	44.2	4.46	42.0	42.0	4.94	39.3	39.3	5.46	35.0	35.0	6.04				
	57	47.9	47.9	3.65	46.2	46.2	4.04	44.2	44.2	4.46	42.0	42.0	4.94	39.2	39.2	5.46	35.5	35.5	6.04				
Multipliers for Determining the Performance With Other Indoor Sections																							
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling																	
		Capacity	Power			Capacity	Power																
CC5A/CD5AA	060	0.98	0.99	CC5A/CD5AW	048	0.97	0.93																
CC5A/CD5AC	048	0.96	0.98		060	0.99	0.92																
CC5A/CD5AW	048	0.98	0.99	CK3BA	060	0.98	0.93																
	060	1.01	1.00	CK5A/CK5BA	060	0.98	0.93																
CD5AA	048	0.98	0.99	CK5A/CK5BW	048	0.97	0.93																
CE3AA	048	0.98	1.00	CK5A/CK5BX	060	1.00	0.93																
	060	1.00	1.00	<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>																			
CF5AA	048	0.96	0.98	CC5A/CD5AA	060	0.98	0.93																
CK3BA	048	0.98	0.99	CC5A/CD5AW	048	0.97	0.93																
	060	1.00	1.00		060	0.99	0.93																
CK5A/CK5BA	048	0.98	0.99	CK3BA	060	0.98	0.94																
	060	1.00	1.00	CK5A/CK5BA	060	0.98	0.94																
CK5A/CK5BN	060	0.98	1.00	CK5A/CK5BW	048	0.97	0.93																
CK5A/CK5BT	048	0.98	0.99	CK5A/CK5BX	060	1.00	0.94																
	060	1.00	1.00	<b>COILS + 355MAV042080 VARIABLE SPEED FURNACE</b>																			
CK5A/CK5BW	048	0.98	0.99	CD5AA	048	0.97	0.96																
CK5A/CK5BX	060	1.00	1.00	CK5A/CK5BA	048	0.97	0.96																
F(A,B)4AN(F,B,C)	048	0.98	1.02	<b>COILS + 355MAV060080 VARIABLE SPEED FURNACE</b>																			
	060	1.00	1.03	CC5A/CD5AW	060	1.00	0.97																
FB4ANB	070	1.01	1.02	CK3BA	048	0.97	0.97																
FC4BN(F,B)	048	0.97	0.99	CK5A/CK5BA	048	0.97	0.97																
	060	0.98	1.00		060	0.98	0.98																
FC4BNB	054	0.98	0.99	CK5A/CK5BX	060	0.98	0.97																
	070	1.00	0.99	<b>COILS + 355MAV060100 VARIABLE SPEED FURNACE</b>																			
FG3AAA	048	0.96	0.99	CC5A/CD5AA	060	0.97	0.95																
	060	0.98	1.00	CC5A/CD5AW	060	0.99	0.95																
FK4CNB	006	1.00	0.90	CD5AA	048	0.97	0.95																
FK4CNF	005	0.98	0.91	CK3BA	048	0.97	0.95																
FV4ANB	006	1.00	0.90	CK5A/CK5BA	048	0.97	0.95																
FV4ANF	005	0.98	0.91		060	0.98	0.95																
FX4ANB	060	0.99	0.99	CK5A/CK5BX	060	1.00	0.95																
FX4ANF	048	0.98	0.99	<b>COILS + 355MAV060120 VARIABLE SPEED FURNACE</b>																			
<b>COILS + 333(B,J)AV048080 VARIABLE SPEED FURNACE</b>				CC5A/CD5AA	060	0.97	0.94																
CD5AA	048	0.97	0.96	CC5A/CD5AW	048	0.98	0.94																
CK3BA	048	0.97	0.96		060	0.99	0.95																
CK5A/CK5BA	048	0.97	0.96	CK5A/CK5BA	060	0.98	0.95																
<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>				CK5A/CK5BW	048	0.97	0.95																
CC5A/CD5AA	060	0.98	0.92	CK5A/CK5BX	060	1.00	0.95																

See notes on page 19.

## 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‡	
<b>533AN060-A Outdoor Section With CK5AA060 Indoor Section</b>																			
1600	72	67.5	32.8	4.50	64.6	31.8	4.99	61.6	30.7	5.54	58.3	29.5	6.14	54.8	28.3	6.81	50.8	26.9	7.57
	67	62.8	41.9	4.44	59.7	40.6	4.91	56.7	39.4	5.45	53.3	38.0	6.06	49.9	36.7	6.71	44.2	34.5	7.42
	63††	55.5	39.5	4.32	51.6	37.8	4.77	47.6	36.0	5.27	45.3	35.1	5.88	42.7	33.9	6.55	39.1	32.5	7.28
	62	54.2	48.8	4.30	50.5	47.1	4.75	46.7	45.2	5.26	44.5	44.1	5.86	42.7	42.7	6.55	40.2	40.2	7.30
	57	50.9	50.9	4.25	47.8	47.8	4.70	46.1	46.1	5.25	44.2	44.2	5.85	42.4	42.4	6.54	40.4	40.4	7.30
1800	72	68.2	33.7	4.58	65.4	32.8	5.08	62.4	31.7	5.63	59.0	30.6	6.24	55.4	29.4	6.91	51.3	28.1	7.66
	67	63.8	43.9	4.52	60.8	42.8	5.01	57.4	41.4	5.54	54.1	40.1	6.15	50.5	38.8	6.82	44.8	36.6	7.52
	63††	56.6	41.6	4.41	52.6	39.9	4.87	50.4	39.0	5.41	48.0	38.0	6.01	45.4	36.8	6.69	39.9	34.6	7.38
	62	55.5	51.9	4.40	51.8	50.1	4.85	49.7	49.1	5.39	47.7	47.7	6.01	45.8	45.8	6.70	41.7	41.7	7.43
	57	52.9	52.9	4.36	51.2	51.2	4.84	49.4	49.4	5.38	47.4	47.4	6.00	45.6	45.6	6.70	41.9	41.9	7.43
2000	72	68.8	34.6	4.67	66.0	33.7	5.16	62.9	32.7	5.72	59.5	31.7	6.33	55.8	30.5	7.00	51.7	29.2	7.75
	67	64.4	45.6	4.60	61.5	44.6	5.09	58.0	43.2	5.62	54.7	42.1	6.23	51.1	40.9	6.91	45.8	38.9	7.62
	63††	57.6	43.6	4.51	53.9	42.1	4.96	52.9	41.7	5.53	50.5	40.7	6.14	45.6	38.7	6.78	40.5	36.6	7.47
	62	56.8	54.9	4.49	54.7	53.9	4.97	52.5	52.5	5.52	50.5	50.5	6.15	47.8	47.8	6.82	43.0	43.0	7.55
	57	56.1	56.1	4.48	54.1	54.1	4.97	52.3	52.3	5.52	50.3	50.3	6.14	47.8	47.8	6.82	43.1	43.1	7.55
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	0.98	FX4ANB	060	0.97	1.01												
CC5A/CD5AW	060	1.00	1.00	<b>COILS + 333(B,J)AV060100 VARIABLE SPEED FURNACE</b>															
CE3AA	060	0.98	1.00	CC5A/CD5AA	060	0.97	0.96												
CK3BA	060	0.98	1.00	CC5A/CD5AW	060	1.00	0.96												
CK5A/CK5BA	060	1.00	1.00	CK3BA	060	1.00	0.96												
CK5A/CK5BT	060	0.98	1.00	CK5A/CK5BA	060	1.00	0.96												
CK5A/CK5BX	060	1.00	1.00	CK5A/CK5BX	060	1.00	0.96												
F(A,B)4AN(F,B,C)	060	0.98	1.04	<b>COILS + 333(B,J)AV060120 VARIABLE SPEED FURNACE</b>															
FB4ANB	070	1.00	1.02	CC5A/CD5AA	060	0.97	0.97												
FC4BN(F,B)	060	0.98	1.03	CC5A/CD5AW	060	1.00	0.96												
FC4BNB	070	1.00	1.01	CK3BA	060	1.00	0.97												
FG3AAA	060	0.97	1.00	CK5A/CK5BA	060	1.00	0.97												
FK4CNB	006	1.00	0.95	CK5A/CK5BX	060	1.00	0.97												
FV4ANB	006	1.00	0.95																

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

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

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

\*\* Unit kw is outdoor unit kilowatts only.

†† At TVA rating indoor condition (75°F edb/63°F ewb). All other indoor air temperatures are at 80°F edb.

‡‡ Data are with FC4 and FK4 R-22 TXV replaced with Puron® TXV.

## CONDENSER ONLY RATINGS\*

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
<b>533AN024-A</b>									
30	TCG	23.3	22.1	20.8	19.6	18.3	17.0	15.7	14.4
	SDT	76.9	86.8	96.6	107.	117.	127.	136.	146.
	KW	1.20	1.37	1.55	1.76	1.98	2.22	2.48	2.74
35	TCG	25.6	24.3	22.9	21.5	20.2	18.7	17.3	15.9
	SDT	78.1	87.9	97.7	108.	117.	127.	137.	147.
	KW	1.20	1.37	1.56	1.76	1.99	2.24	2.50	2.76
40	TCG	28.1	26.6	25.1	23.6	22.1	20.6	19.0	17.4
	SDT	79.5	89.2	98.9	109.	119.	128.	138.	148.
	KW	1.20	1.37	1.57	1.78	2.00	2.25	2.52	2.79
45	TCG	30.6	29.0	27.4	25.8	24.2	22.5	20.8	19.1
	SDT	81.1	90.7	100.	110.	120.	130.	140.	149.
	KW	1.20	1.38	1.58	1.79	2.02	2.27	2.55	2.82
50	TCG	33.4	31.6	29.9	28.2	26.4	24.6	22.7	20.8
	SDT	82.8	92.4	102.	112.	121.	131.	141.	151.
	KW	1.21	1.39	1.59	1.80	2.04	2.30	2.57	2.85
55	TCG	36.2	34.4	32.5	30.6	28.7	26.7	24.7	22.6
	SDT	84.7	94.2	104.	113.	123.	133.	142.	152.
	KW	1.22	1.40	1.60	1.82	2.06	2.32	2.60	2.88
<b>533AN030-A</b>									
30	TCG	26.7	25.2	23.8	22.4	20.9	19.5	18.0	16.4
	SDT	76.8	86.6	96.5	106.	116.	126.	136.	146.
	KW	1.44	1.63	1.84	2.09	2.36	2.67	3.01	3.39
35	TCG	29.3	27.7	26.2	24.6	23.1	21.5	19.8	18.1
	SDT	77.9	87.6	97.4	107.	117.	127.	137.	147.
	KW	1.44	1.63	1.85	2.09	2.37	2.68	3.02	3.39
40	TCG	32.1	30.4	28.7	27.0	25.3	23.6	21.8	19.9
	SDT	79.2	88.9	98.6	108.	118.	128.	138.	148.
	KW	1.46	1.65	1.86	2.10	2.38	2.68	3.02	3.40
45	TCG	35.0	33.2	31.4	29.6	27.7	25.8	23.8	21.8
	SDT	80.7	90.3	100.	110.	119.	129.	139.	149.
	KW	1.47	1.66	1.88	2.12	2.39	2.70	3.04	3.42
50	TCG	38.2	36.2	34.2	32.2	30.2	28.2	26.0	23.7
	SDT	82.4	91.9	101.	111.	121.	131.	140.	150.
	KW	1.49	1.68	1.90	2.14	2.41	2.72	3.06	3.44
55	TCG	41.4	39.3	37.2	35.1	32.9	30.7	28.3	25.8
	SDT	84.2	93.7	103.	113.	122.	132.	142.	151.
	KW	1.51	1.71	1.92	2.16	2.44	2.74	3.08	3.46
<b>533AN036-A</b>									
30	TCG	32.3	30.5	28.7	26.8	24.9	22.8	20.7	18.3
	SDT	77.0	86.7	96.6	106.	116.	126.	136.	146.
	KW	1.76	2.00	2.27	2.55	2.86	3.19	3.53	3.87
35	TCG	35.4	33.6	31.7	29.7	27.6	25.4	23.1	20.7
	SDT	78.2	87.9	97.6	107.	117.	127.	137.	146.
	KW	1.76	2.00	2.27	2.56	2.88	3.21	3.56	3.93
40	TCG	38.8	36.8	34.7	32.6	30.4	28.1	25.7	23.1
	SDT	79.6	89.2	98.9	109.	118.	128.	138.	147.
	KW	1.76	2.00	2.27	2.57	2.89	3.24	3.60	3.98
45	TCG	42.3	40.2	38.0	35.7	33.4	30.9	28.3	25.5
	SDT	81.2	90.7	100.	110.	120.	129.	139.	148.
	KW	1.77	2.01	2.28	2.58	2.91	3.26	3.63	4.03
50	TCG	45.9	43.7	41.4	39.0	36.5	33.9	31.1	28.1
	SDT	82.9	92.4	102.	111.	121.	131.	140.	150.
	KW	1.78	2.02	2.29	2.60	2.93	3.29	3.67	4.07
55	TCG	49.8	47.4	45.0	42.4	39.8	36.9	34.0	30.8
	SDT	84.8	94.2	104.	113.	123.	132.	142.	151.
	KW	1.79	2.04	2.31	2.61	2.95	3.31	3.70	4.12

See notes on page 21.

## CONDENSER ONLY RATINGS\* Continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
<b>533AN042-A</b>									
30	TCG	36.9	35.0	33.0	31.1	29.1	27.1	25.1	22.9
	SDT	77.8	87.5	97.2	107.	117.	127.	136.	146.
	KW	1.90	2.17	2.46	2.80	3.17	3.59	4.07	4.60
35	TCG	40.4	38.3	36.2	34.1	32.0	29.9	27.6	25.2
	SDT	79.3	88.8	98.5	108.	118.	127.	137.	147.
	KW	1.93	2.19	2.49	2.82	3.20	3.61	4.08	4.60
40	TCG	44.2	41.9	39.7	37.4	35.1	32.8	30.3	27.7
	SDT	81.0	90.4	100.0	110.	119.	129.	138.	148.
	KW	1.97	2.23	2.53	2.86	3.23	3.64	4.11	4.63
45	TCG	48.2	45.7	43.3	40.8	38.3	35.8	33.1	30.3
	SDT	82.8	92.2	102.	111.	121.	130.	140.	149.
	KW	2.01	2.27	2.57	2.90	3.27	3.68	4.14	4.66
50	TCG	52.4	49.7	47.1	44.4	41.7	39.0	36.1	33.0
	SDT	84.9	94.1	103.	113.	122.	132.	141.	150.
	KW	2.05	2.31	2.61	2.95	3.32	3.73	4.19	4.70
55	TCG	56.8	54.0	51.1	48.2	45.3	42.3	39.2	35.8
	SDT	87.0	96.1	105.	115.	124.	133.	142.	152.
	KW	2.11	2.37	2.66	3.00	3.37	3.78	4.24	4.75
<b>533AN048-A</b>									
30	TCG	42.2	40.0	37.8	35.6	33.4	31.1	28.7	26.2
	SDT	76.9	86.5	96.3	106.	116.	126.	136.	146.
	KW	2.23	2.53	2.87	3.26	3.69	4.17	4.72	5.32
35	TCG	46.3	43.9	41.5	39.1	36.7	34.3	31.7	29.0
	SDT	78.2	87.7	97.4	107.	117.	127.	137.	146.
	KW	2.26	2.56	2.90	3.28	3.70	4.18	4.72	5.32
40	TCG	50.7	48.1	45.5	42.9	40.3	37.6	34.8	31.8
	SDT	79.8	89.2	98.7	108.	118.	128.	137.	147.
	KW	2.30	2.59	2.93	3.31	3.73	4.21	4.74	5.33
45	TCG	55.2	52.5	49.7	46.9	44.0	41.1	38.1	34.9
	SDT	81.5	90.8	100.	110.	119.	129.	138.	148.
	KW	2.35	2.64	2.97	3.35	3.77	4.24	4.77	5.36
50	TCG	60.1	57.1	54.1	51.1	48.0	44.9	41.6	38.1
	SDT	83.5	92.6	102.	111.	121.	130.	140.	149.
	KW	2.40	2.69	3.02	3.40	3.82	4.29	4.81	5.40
55	TCG	65.1	62.0	58.8	55.5	52.2	48.8	45.2	41.4
	SDT	85.6	94.6	104.	113.	122.	132.	141.	151.
	KW	2.45	2.75	3.08	3.45	3.88	4.34	4.86	5.44
<b>533AN060-A</b>									
30	TCG	53.6	50.8	48.1	45.3	42.5	39.6	36.5	32.7
	SDT	78.4	87.9	97.7	108.	117.	127.	137.	146.
	KW	2.84	3.22	3.64	4.12	4.65	5.24	5.86	6.46
35	TCG	58.7	55.7	52.7	49.7	46.7	43.6	40.3	36.5
	SDT	79.9	89.5	99.2	109.	119.	128.	138.	147.
	KW	2.89	3.26	3.68	4.16	4.70	5.28	5.93	6.59
40	TCG	64.0	60.8	57.6	54.3	51.0	47.7	44.2	40.3
	SDT	81.8	91.2	101.	110.	120.	130.	139.	149.
	KW	2.94	3.31	3.74	4.22	4.75	5.34	5.99	6.69
45	TCG	69.7	66.3	62.8	59.2	55.6	52.0	48.2	44.0
	SDT	83.7	93.1	103.	112.	122.	131.	141.	150.
	KW	3.00	3.37	3.80	4.28	4.82	5.41	6.06	6.78
50	TCG	75.6	72.0	68.2	64.4	60.5	56.5	52.4	47.9
	SDT	85.8	95.1	104.	114.	123.	133.	142.	151.
	KW	3.06	3.44	3.87	4.35	4.89	5.48	6.14	6.85
55	TCG	81.9	78.0	74.0	69.9	65.6	61.2	56.8	51.9
	SDT	88.1	97.3	107.	116.	125.	135.	144.	153.
	KW	3.14	3.52	3.95	4.43	4.97	5.57	6.22	6.94

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

**KW** — Total Power (Kw)

**SDT** — Saturated Temperature Leaving Compressor (°F)

**SST** — Saturated Temperature Entering Compressor (°F)

**TCG** — Gross Cooling Capacity (1000 Btuh).

## SYSTEM DESIGN 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 accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Maximum elevation of indoor coil above or below base of outdoor unit is: Indoor coil above = 30 ft, indoor coil below = 30 ft.
6. For interconnecting refrigerant tube lengths greater than 50 ft, consult the Residential Split-System Application Guideline and Service Manual for Air Conditioners and Heat Pumps using Puron® Refrigerant available from equipment distributor.
7. If any refrigerant tubing is buried, provide a 6 in. vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. may be buried without further consideration. For buried lines longer than 3 ft, consult your local distributor.
8. Use only copper wire for electric connection at unit. Aluminum and clad aluminum 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.
11. Do not deviate from factory specified TXV's and Liquid Line Solenoids.



## 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 250 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 an SEER of \_\_\_\_\_ Btuh/watt or greater at DOE conditions.

### Electrical Requirements

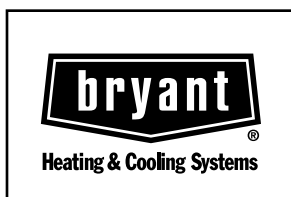
Nominal unit electrical characteristics will be \_\_\_\_\_ v, single phase, 60 hertz. The unit will be capable of satisfactory operation within voltage limits of \_\_\_\_\_ v to \_\_\_\_\_ v.

Unit electrical power will be single point connection.

Control circuit will be 24v.

### Special Features

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT MUST BE INSTALLED IN ACCORDANCE  
WITH INSTALLATION INSTRUCTIONS

Cancels: NEW