113A
Legacy™ RNC Line 13 Air Conditioner with Puron® Refrigerant
1-1/2 to 5 Nominal Tons (Sizes 018-060)

Product Data

Puron
the environmentally sound refrigerant

Bryant's Air Conditioners with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 113A 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.

As an Energy Star® Partner, Bryant Heating and Cooling has determined that this product meets the Energy Star® guidelines for energy efficiency. Refer to the combination ratings in the Product Data for system combinations that meet Energy Star® guidelines.

NOTE: **Ratings contained in this document are subject to change at any time. Always refer to the AHRI directory (www.ahridirectory.org) for the most up-to-date ratings information.**

INDUSTRY LEADING FEATURES / BENEFITS

Efficiency

- 13.0 - 13.2 SEER/10.8- 11.0 EER (based on tested combinations)
- Microtube Technology™ refrigeration system
- Indoor air quality accessories available

Sound

- Sound level as low as 75 dBA
- Sound level as low as 74 dBA with accessory sound blanket

Comfort

- System supports Thermidistat™ or standard thermostat controls

Reliability

- Puron® refrigerant - environmentally sound, won't deplete the ozone layer and low lifetime servce cost.
- Scroll compressor
- Internal pressure relief valve
- Internal thermal overload
- Filter drier
- Balanced refrigeration system for maximum reliability

Durability

DuraGuard™ protection package:

- Solid, durable sheet metal construction
- Dense wire coil guard available (3-phase units come standard with dense wire coil guard)
- Baked-on, complete outer coverage, powder paint

Applications

- Long-line - up to 250 feet (76.20 m) total equivalent length, up to 200 feet (60.96 m) condenser above evaporator, or up to 80 ft. (24.38 m) evaporator above condenser (See Longline Guide for more information.)
- Low ambient (down to -20°F/-28.9°C)) with accessory kit

MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12	14
N	N	N	A	A/N	N	N	N	N	A/N	A/N	N	A
1	1	3	A	N	A	0	3	6	0	0	0	0
Product Family	Tier	SEER	Major Series	Voltage	Grille Variations	Cooling Capacity			Open	Open	Open	Series
1=AC	1= Legacy RNC	3=13 SEER	A=Puron	N= 208–230–1 P = 208/230–3 E = 460/3	A = Dense W = Wide	1,000 Btuh (nominal)			0=Not Defined	0=Not Defined	0=Not Defined	

Puron™
the environmentally sound refrigerant

AHRI CERTIFIED™ www.ahridirectory.org

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program For verification of certification for individual products, go to www.ahridirectory.org.

ISO 9001:2000
QMI REGISTERED

c UL us

ENERGY STAR

This product has been designed and manufactured to meet Energy Star® criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow all manufacturing refrigerant charging and air flow instructions. **Failure to confirm proper charge and air flow may reduce energy efficiency and shorten equipment life.**

ASHRAE 90.1 COMPLIANT

STANDARD FEATURES

Feature	**018**	**024**	**030**	**036**	**042**	**048**	**060**
Puron Refrigerant	X	X	X	X	X	X	X
Maximum SEER	14.50	14.25	15.0	14.0	14.0	14.0	13.5
Scroll Compressor	X	X	X	X	X	X	X
Field Installed Filter Drier	X	X	X	X	X	X	X
Front Seating Service Valves	X	X	X	X	X	X	X
Internal Pressure Relief Valve	X	X	X	X	X	X	X
Internal Thermal Overload	X	X	X	X	X	X	X
Long Line capability	X	X	X	X	X	X	X
Low Ambient capability with Kit	X	X	X	X	X	X	X
Dense Grille (standard on 3–Phase only)			X	X	X	X	X

X = Standard

PHYSICAL DATA

UNIT SIZE – SERIES (VOLTAGE)	018 – D (N)	024 – D (N)	030 – E (N,P)	036 – E (N,P,E)	042 – C (N,P,E)	048 – E (N,P,E)	060 – F (N)	060 – G (P,E)
Operating Weight lb (kg)	107 (48.5)	110 (50.0)	111 (50.3)	141 (64.0)	189 (85.7)	186 (84.4)	190 (86.2)	198 (90.0)
Shipping Weight lb (kg)	130 (60.0)	134 (60.8)	136 (61.7)	170 (77.1)	217 (98.4)	224 (101.6)	226 (102.5)	230 (104.5)
Compressor Type	Scroll							
REFRIGERANT	Puron® (R – 410A)							
Control	TXV (Puron® Hard Shutoff)							
Charge lb (kg)	3.50 (1.6)	3.80 (1.7)	4.10 (1.9)	5.34 (2.4)	5.84 (2.7)	7.00 (3.2)	8.19 (3.7)	8.00 (3.6)
COND FAN	Propeller Type, Direct Drive							
Air Discharge	Vertical							
Air Qty (CFM)	1792	2218	2218	2954	3167	3365	3365	3365
Motor HP	1/12	1/10	1/10	1/4	1/5	1/4	1/4	1/4
Motor RPM	1100	1100	1100	1100	1100	1100	800	1100
COND COIL								
Face Area (Sq ft)	8.40	8.40	9.80	13.13	17.25	19.40	12.93	15.09
Fins per In.	20	25	25	25	25	25	20	20
Rows	1	1	1	1	1	1	2	2
Circuits	3	3	3	3	4	5	5	6
VALVE CONNECT. (In. ID)								
Vapor	3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8
Liquid	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
REFRIGERANT TUBES* (In. OD)								
Rated Vapor*	3/4			7/8			1 – 1/8	
Max Liquid Line†	3/8							

***** Units are rated with 25 ft (7.6 m) of lineset length. See Vapor Line Sizing and Cooling Capacity Loss table when using other sizes and lengths of lineset.
Note: See unit Installation Instruction for proper installation.

† See *Liquid Line Sizing For Cooling Only Systems with Puron Refrigerant* tables.

REFRIGERANT PIPING LENGTH LIMITATIONS

Liquid Line Sizing and Maximum Total Equivalent Lengths† for Cooling Only Systems with Puron® Refrigerant:

The maximum allowable length of a residential split system depends on the liquid line diameter and vertical separation between indoor and outdoor units.

See Table below for liquid line sizing and maximum lengths :

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Maximum Total Equivalent Length
Outdoor Unit BELOW Indoor Unit

Size	Liquid Line Connection	Liquid Line Diam. w/ TXV	AC with Puron Refrigerant Maximum Total Equivalent Length†: Outdoor unit BELOW Indoor Vertical Separation ft (m)								
			0–5 (0–1.5)	6–10 (1.8–3.0)	11–20 (3.4–6.1)	21–30 (6.4–9.1)	31–40 (9.4–12.2)	41–50 (12.5–15.2)	51–60 (15.5–18.3)	61–70 (18.6–21.3)	71–80 (21.6–24.4)
018 AC with Puron	3/8	1/4	150	150	125	100	100	75	– –	– –	– –
		5/16	250*	250*	250*	250*	250*	250*	250*	225*	150
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
024 AC with Puron	3/8	1/4	75	75	75	50	50	– –	– –	– –	– –
		5/16	250*	250*	250*	250*	250*	225*	175	125	100
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
030 AC with Puron	3/8	1/4	30	– –	– –	– –	– –	– –	– –	– –	– –
		5/16	175	225*	200	175	125	100	75	– –	– –
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
036 AC with Puron	3/8	5/16	175	150	150	100	100	100	75	– –	– –
		3//8	250*	250*	250*	250*	250*	250*	250*	250*	250*
042 AC with Puron	3/8	5/16	125	100	100	75	75	50	– –	– –	– –
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	150
048 AC with Puron	3/8	3/8	250*	250*	250*	250*	250*	250*	230	160	– –
060 AC with Puron	3/8	3/8	250*	250*	250*	225*	190	150	110	– –	– –

*** Maximum actual length not to exceed 200 ft (61 m)**

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

– – = outside acceptable range

Maximum Total Equivalent Length
Outdoor Unit ABOVE Indoor Unit

Size	Liquid Line Connection	Liquid Line Diam. w/ TXV	AC with Puron Refrigerant Maximum Total Equivalent Length†: Outdoor unit ABOVE Indoor Vertical Separation ft (m)							
			25 (7.6)	26–50 (7.9–15.2)	51–75 (15.5–22.9)	76–100 (23.2–30.5)	101–125 (30.8–38.1)	126–150 (38.4–45.7)	151–175 (46.0–53.3)	176–200 (53.6–61.0)
018 AC with Puron	3/8	1/4	175	250*	250*	250*	250*	250*	250*	250*
		5/16	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
024 AC with Puron	3/8	1/4	100	125	175	200	225*	250*	250*	250*
		5/16	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
030 AC with Puron	3/8	1/4	30	– –	– –	– –	– –	– –	– –	– –
		5/16	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
036 AC with Puron	3/8	5/16	225*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
042 AC with Puron	3/8	5/16	175	200	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
048 AC with Puron	3/8	3/8	250*	250*	250*	250*	250*	250*	250*	250*
060 AC with Puron	3/8	3/8	250*	250*	250*	250*	250*	250*	250*	250*

*** Maximum actual length not to exceed 200 ft (61 m)**

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

– – = outside acceptable range

REFRIGERANT CHARGE ADJUSTMENTS

Liquid Line Size	Puron Charge oz/ft (g/m)
3/8	0.60 (17.74) (Factory charge for lineset = 9 oz / 266.16 g)
5/16	0.40 (11.83)
1/4	0.27 (7.98)

Units are factory charged for 15 ft (4.6 m) of 3/8" liquid line. The factory charge for 3/8" lineset 9 oz. When using other length or diameter liquid lines, charge adjustments are required per the chart above.

Charging Formula:

[(Lineset oz/ft x total length) – (factory charge for lineset)] = charge adjustment

Example 1: System has 15 ft of line set using existing 1/4" liquid line. What charge adjustment is required?

Formula: (.27 oz/ft x 15ft) – (9 oz) = (-4.95) oz.

Net result is to remove 4.95 oz of refrigerant from the system

Example 2: System has 45 ft of existing 5/16" liquid line. What is the charge adjustment?

Formula: (.40 oz/ft. x 45ft) – (9 oz.) = 9 oz.

Net result is to add 9 oz of refrigerant to the system

LONG LINE APPLICATIONS

An application is considered Long Line, when the refrigerant level in the system requires the use of accessories to maintain acceptable refrigerant management for systems reliability. See Accessory Usage Guideline table for required accessories. Defining a system as long line depends on the liquid line diameter, actual length of the tubing, and vertical separation between the indoor and outdoor units.

For Air Conditioner systems, the chart below shows when an application is considered Long Line.

AC WITH PURON® REFRIGERANT LONG LINE DESCRIPTION ft (m)
Beyond these lengths, long line accessories are required

Liquid Line Size	Units On Same Level	Outdoor Below Indoor	Outdoor Above Indoor
1/4	No accessories needed within allowed lengths	No accessories needed within allowed lengths	175 (53.3)
5/16	120 (36.6)	50 (15.2) vertical or 120 (36.6) total	120 (36.6)
3/8	80 (24.4)	35 (10.7) vertical or 80 24.4) total	80 (24.4)

Note: See Long Line Guideline for details

VAPOR LINE SIZING AND COOLING CAPACITY LOSS

Acceptable vapor line diameters provide adequate oil return to the compressor while avoiding excessive capacity loss. The suction line diameters shown in the chart below are acceptable for AC systems with Puron refrigerant:

Vapor Line Sizing and Cooling Capacity Losses — Puron® Refrigerant 1-Stage Air Conditioner Applications

Unit Nominal Size (Btuh)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In. OD)	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			26–50 (7.9–15.2)	51–80 (15.5–24.4)	81–100 (24.7–30.5)	101–125 (30.8–38.1)	126–150 (38.4–45.7)	151–175 (46.0–53.3)	176–200 (53.6–61.0)	201–225 (61.3–68.6)	226–250 (68.9–76.2)
018 1 Stage AC with Puron	3/8	1/2	1	2	3	5	6	7	8	9	11
		5/8	0	1	1	1	2	2	2	3	3
		3/4	0	0	0	0	1	1	1	1	1
024 1 Stage AC with Puron	3/8	5/8	0	1	2	2	3	3	4	5	5
		3/4	0	0	1	1	1	1	1	2	2
		7/8	0	0	0	0	0	1	1	1	1
030 1 Stage AC with Puron	3/8	5/8	1	2	3	3	4	5	6	7	8
		3/4	0	0	1	1	1	2	2	2	3
		7/8	0	0	0	0	1	1	1	1	1
036 1 Stage AC with Puron	3/8	5/8	1	2	4	5	6	8	9	10	12
		3/4	0	1	1	2	2	3	3	4	4
		7/8	0	0	0	1	1	1	1	2	2
042 1 Stage AC with Puron	3/8	3/4	0	1	2	2	3	4	4	5	6
		7/8	0	0	1	1	1	2	2	2	3
		1 1/8	0	0	0	0	0	0	0	0	0
048 1 Stage AC with Puron	3/8	3/4	0	1	2	3	4	5	5	6	7
		7/8	0	0	1	1	2	2	2	3	3
		1 1/8	0	0	0	0	0	0	0	1	1
060 1 Stage AC with Puron	3/8	3/4	1	2	4	5	6	7	9	10	11
		7/8	0	1	2	2	3	4	4	5	5
		1 1/8	0	0	0	1	1	1	1	1	1

Applications in this area may be long line and may have height restrictions. See the *Residential Piping and Long Line Guideline*.

ACCESSORIES

KIT NUMBER	DESCRIPTION	Size – Series (Voltage)															
		018–D (N)	024–D (N)	030–E(N)	030–E (P)	036–E (N)	036–E (P)	036–E (E)	042–C (N)	042–C (P)	042–C (E)	048–E (N)	048–E (P)	048–E (E)	060–F (N)	060–G (P)	060–G (E)
HC32GE234	MOTOR FAN	X															
HC34GE239	MOTOR FAN		X	X	X												
HC38GE219	MOTOR FAN								X	X							
HC38GE461	MOTOR FAN										X						
HC40GE225	MOTOR FAN														X		
HC40GE226	MOTOR FAN					X	X					X	X			X	
HC40GE466	MOTOR FAN							X						X			X
KAACH1201AAA	KIT CRKC HTR								X	X		X	X		X	X	
KAACH1401AAA	KIT CRKC HTR	X	X	X	X	X	X										
KAACH1501AAA	KIT CRKC HTR							X									
KAACH1801AAA	KIT CRKC HTR																
KAACH1901AAA	KIT CRKC HTR										X			X			X
KAACH2001AAA	KIT CRKC HTR																
KAACS0201PTC	KIT PTC	X	X	X		X			X			X			X		
KAAFT0101AAA	KIT FRZ THERM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KAAHI0501PUR	KIT PRESSURE SW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KAALP0401PUR	KIT PRESSURE SW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KAALS0201LLS	KIT SOL VALVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KAATD0101TDR	KIT TIME DELAY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KAAWS0101AAA	KIT WINTER ST	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KSACY0101AAA	KIT CYCLE PROTR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KSAHS1701AAA	KIT HARD START	X	X	X		X			X			X			X		
KSALA0301410	KIT LOW AMBIENT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KSALA0601AAA	KIT MOTOR MASTER	X	X	X	X	X	X		X	X		X	X		X	X	
KSALA0701AAA	KIT MOTOR MASTER							X			X			X			X
KSASF0101AAA	KIT SPRT FEET	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KSASH0601COP	KIT SOUND BLKT	X	X	X	X	X	X	X	X	X	X	X	X	X			
KSASH2101COP	KIT SOUND BLKT														X	X	X
KSATX0201PUR	KIT TXV	X	X	X	X												
KSATX0301PUR	KIT TXV					X	X	X	X	X	X						
KSATX0401PUR	KIT TXV											X	X	X			
KSATX0501PUR	KIT TXV														X	X	X

X = Accessory

ACCESSORY THERMOSTATS

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
T6–PRH01–A	Programmable Thermidistat
T6–NRH01–A	Non–programmable Thermidistat
T2–PAC01	Legacy Series Programmable AC Stat
T2–NAC01	Legacy Series Non–programmable AC Stat
T1–PAC01	Legacy RNC Series Programmable AC Stat
T1–NAC01	Legacy RNC Series Non–programmable AC Stat
TSTATBBSEN01–B	Outdoor Air Temperature Sensor
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXNBP01	Backplate for Non–Programmable Thermostat
TSTATXXPBP01	Backplate for Programmable Thermostat
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 wires) – 10 Pack

ACCESSORY USAGE GUIDELINE

ACCESSORY	REQUIRED FOR LOW–AMBIENT COOLING APPLICATIONS (Below 55°F/12.8°C)	REQUIRED FOR LONG LINE APPLICATIONS*	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles/3.22 km)
Ball Bearing Fan Motor	Yes†	No	No
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Hard Shut–Off TXV	Yes	Yes	Yes
Liquid Line Solenoid Valve	No	No	No
Motor Master® Control or Low–ambient Pressure Switch	Yes	No	No
Support Feet	Recommended	No	Recommended
Winter Start Control	Yes #	No	No

* For tubing set lengths between 80 and 200 ft. (24.38 and 60.96 m) horizontal or 35 ft. (10.7 m) vertical differential (total equivalent length), refer to the Residential Split–System Longline Application Guideline.

† Required for Low–Ambient Controller (full modulation feature) MotorMaster® Control.

\# Required if Low Pressure Switch is factory or field installed.

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 MotorMaster® is used.

2. 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 cooling

Hard shut off expansion valve on indoor coil

Liquid line solenoid on indoor coil

Required for single-phase scroll compressors in the following applications:

Long line

Low ambient cooling

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

3. Compressor Start Assist — PTC Type

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

Usage Guideline:

Suggested in installations with marginal power supply.

4. Crankcase Heater

An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes the chance of liquid slugging.

Usage Guideline:

Required in low ambient cooling applications.

Required in long line applications.

Suggested in all commercial applications.

5. Cycle Protector

The cycle protector is designed to prevent compressor short cycling. This control provides an approximate 5-minute delay after power to the compressor has been interrupted for any reason, including power outage, protector control trip, thermostat jiggling, or normal cycling.

Accessory Description and Usage (Listed Alphabetically) (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. Low-Ambient Pressure Switch Kit

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 100 psig to 225 psig). The control will maintain working head pressure at low-ambient temperatures down to 0°F (-18°C) when properly installed.

Usage Guideline:

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

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°F ±10°F (37.8°C ± 5.5°C).

Usage Guideline:

A MotorMaster® 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 (4.57 m) to quiet areas, bedrooms, etc.

Suggested when unit is installed between two houses less than 10 ft (3.05 m) apart.

11. Support Feet

Four stick-on plastic feet that raise the unit 4 in. (101.6 mm) 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 AHRI 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 AHRI Unitary Directory.

14. Winter Start Control

This control is designed to alleviate nuisance opening of the low-pressure switch by bypassing it for the first 3 minutes of operation.

ELECTRICAL DATA

UNIT SIZE – SERIES (VOLTAGE)	V/PH	OPER VOLTS*		COMPR		FAN	MCA	MIN WIRE SIZE†	MIN WIRE SIZE†	MAX LENGTH ft. (m)‡	MAX LENGTH ft. (m)‡	MAX FUSE** or CKT BRK AMPS
		MAX	MIN	LRA	RLA	FLA		60° C	75° C	60° C	75° C	
018 – D (N)	208/230/1	253	197	48.0	9.0	0.5	11.8	14	14	67 (20.4)	63 (19.2)	20
024 – D (N)				58.3	13.5	0.77	17.6	14	14	45 (13.7)	43 (13.1)	25
030 – E (N)				64.0	12.8	0.77	16.8	14	14	47 (14.3)	45 (13.7)	25
036 – E (N)				77.0	15.3	1.4	21.5	12	12	58 (17.7)	55 (16.8)	30
042 – C (N)				112.0	17.9	1.1	23.5	12	12	53 (16.2)	51 (15.5)	40
048 – E (N)				109.0	19.9	1.4	26.2	10	10	76 (23.2)	73 (22.3)	40
060 – F (N)				134.0	26.4	1.2	34.2	8	10	91 (27.7)	56 (17.1)	50
030 – E (P)	208/230 – 3	253	197	58.0	8.3	0.77	11.2	14	14	81 (24.7)	77 (23.5)	20
036 – E (P)				71.0	10.5	1.4	14.5	14	14	63 (19.2)	60 (18.3)	20
042 – C (P)				88.0	13.5	1.1	18.0	14	14	51 (15.5)	48 (14.6)	30
048 – E (P)				83.1	13.1	1.4	17.8	10	10	130 (39.6)	123 (37.5)	30
060 – G (P)				110.0	16.0	1.4	21.4	12	12	67 (20.4)	64 (16.5)	30
036 – E (E)	460 – 3	506	414	38.0	5.6	0.7	7.7	14	14	236 (71.9)	225 (68.5)	15
042 – C (E)				44.0	6.0	0.6	8.1	14	14	225 (68.5)	214 (65.2)	15
048 – E (E)				41.0	6.1	0.7	8.3	14	14	219 (66.8)	208 (63.4)	15
060 – G (E)				52.0	7.8	0.7	10.5	14	14	173 (52.7)	165 (50.3)	15

* Permissible limits of the voltage range at which the unit will operate satisfactorily

† If wire is applied at ambient greater than 30°C , consult table 310 – 16 of the NEC (NFPA 70). The ampacity of non – metallic – sheathed cable (NM), trade name ROMEX, shall be that of 60°C conditions, per the NEC (NFPA 70) Article 336 – 26. If other than uncoated (no – plated), 60 or 75°C insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (NFPA 70).

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

** Time – Delay fuse.

FLA – Full Load Amps

LRA – Locked Rotor Amps

MCA – Minimum Circuit Amps

RLA – Rated Load Amps

NOTE: Control circuit is 24 – V on all units and requires external power source. Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

Complies with 2007 requirements of ASHRAE Standards 90.1

A-WEIGHTED SOUND POWER LEVEL

UNIT SIZE – SERIES (VOLTAGE)	STANDARD RATING dBA	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018 – D (N)	72	53.5	59.5	63.5	67.0	63.5	59.0	52.5
024 – D (N)	76	55.0	61.5	67.0	71.5	69.0	61.0	55.0
030 – E (N,P)	74	55.0	63.5	68.5	68.5	65.5	61.0	54.0
036 – E (N, P, E)	75	59.5	63.0	68.5	70.0	65.5	61.5	53.5
042 – C (N, P, E)	78	57.5	65.0	71.0	73.0	70.5	67.5	62.5
048 – E (N, P, E)	80	58.5	67.5	73.5	75.0	70.5	67.5	64.5
060 – F (N)	78	59.0	67.5	71.5	73.5	69.0	66.0	63.5
060 – G (P, E)	79	59.5	69.5	72.5	73.5	71.0	68.0	63.5

NOTE: Tested in accordance with AHRI Standard 270 – 2008 (not listed in AHRI).

A-WEIGHTED SOUND POWER LEVEL WITH SOUND SHIELD

UNIT SIZE – SERIES (VOLTAGE)	STANDARD RATING dBA	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018 – D (N)	71	55.5	60.5	64.0	66.0	63.0	58.5	52.0
024 – D (N)	74	55.5	60.5	66.5	70.0	67.0	61.0	53.5
030 – E (N,P)	73	55.5	64.0	68.0	67.0	64.0	60.0	52.5
036 – E (N, P, E)	74	59.5	63.0	68.0	69.5	65.0	60.5	50.5
042 – C (N, P, E)	77	57.5	65.0	70.5	72.0	70.0	67.0	62.0
048 – E (N, P, E)	79	60.5	67.5	73.5	74.5	71.0	68.0	63.5
060 – F (N)	78	59.0	68.0	70.5	72.5	68.0	67.0	63.0
060 – G (P, E)	78	60.5	69.5	72.5	73.0	71.0	67.5	61.5

NOTE: Tested in accordance with AHRI Standard 270 – 2008 (not listed in AHRI).

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

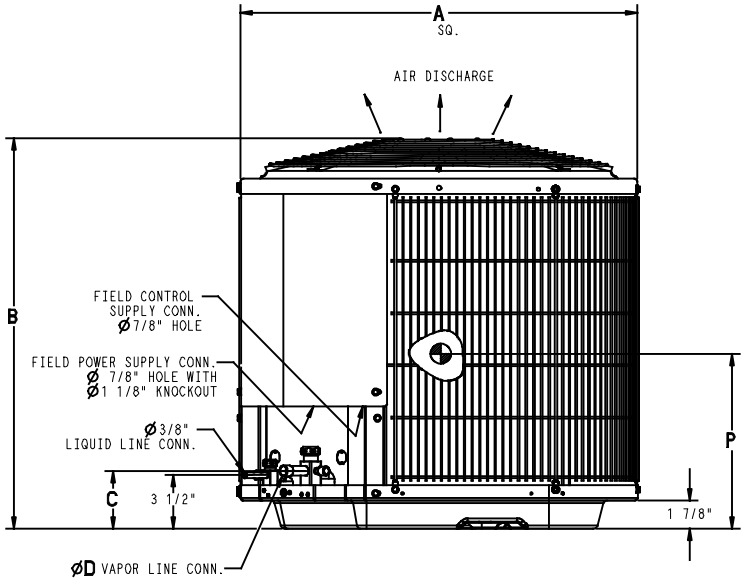
UNIT SIZE – SERIES (VOLTAGE)	REQUIRED SUBCOOLING °F (°C)
018 – D (N)	10 (5.6)
024 – D (N)	10 (5.6)
030 – E (N, P)	10 (5.6)
036 – E (N, P, E)	14 (7.8)
042 – C (N, P, E)	10 (5.6)
048 – E (N, P, E)	15 (8.3)
060 – F (N)	13 (7.2)
060 – G (P, E)	10 (5.6)

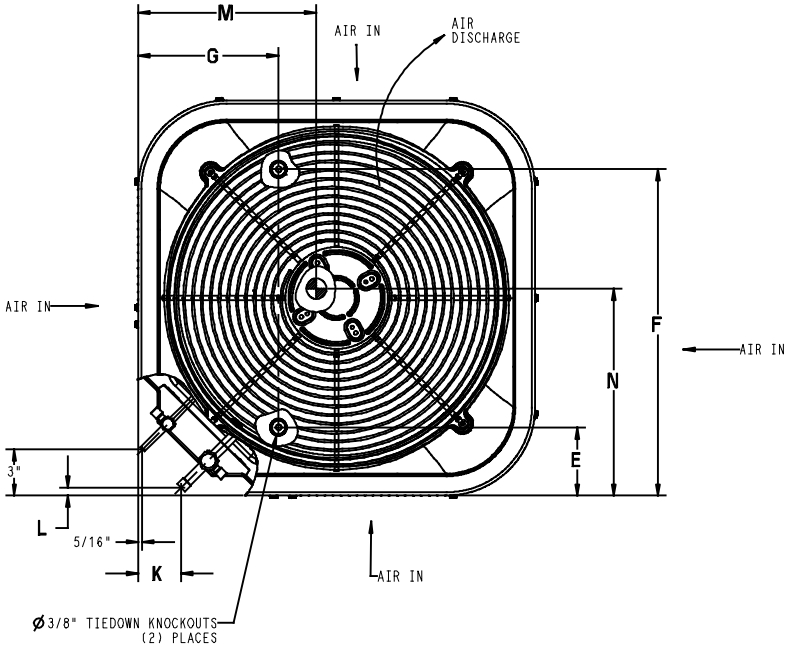
DIMENSIONS - ENGLISH

UNIT	SERIES	ELECTRICAL CHARACTERISTICS				A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)
113A018	D	X	O	O	O	23 1/8"	25 5/16"	3 3/4"	3/4"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1/2"	16 1/2"	15"	12"	107	130	24 1/4" X 27 3/8" X 33 1/2"
113A024	D	X	O	O	O	23 1/8"	25 5/16"	3 3/4"	3/4"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1/2"	16 1/2"	15"	12"	110	134	24 1/4" X 27 3/8" X 33 1/2"
113A030	E	X	O	X	O	23 1/8"	28 11/16"	3 3/4"	3/4"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1/2"	16 1/2"	15"	14"	111	136	24 1/4" X 27 3/8" X 33 1/2"
113A036	E	X	O	X	X	25 3/4"	32 5/16"	3 7/8"	7/8"	4 7/16"	21 1/4"	9 1/8"	2 15/16"	5/8"	14 1/4"	10 1/2"	16"	141	170	26 7/8" X 30 1/16" X 35 15/16"
113A042	C	X	O	X	X	31 3/16"	32 5/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15 3/4"	16 1/4"	13 3/4"	189	217	32 3/8" X 35 1/2" X 35 15/16"
113A048	E	X	O	X	X	31 3/16"	35 3/4"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	16 3/8"	15 3/8"	15 1/4"	186	224	32 3/8" X 35 1/2" X 39 3/8"
113A060	F	X	O	O	O	31 3/16"	25 1/2"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	14 1/8"	15 3/8"	11 3/4"	190	226	32 3/8" X 35 1/2" X 32 9/16"
113A060	G	O	O	X	X	31 3/16"	28 15/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	16"	15 1/2"	12 3/4"	198	230	32 3/8" X 35 1/2" X 32 9/16"
		208-230-1-60	575	208/230-3-60	460-3-60															

X = YES
O = NO

NOTES:
1. ALLOW 24" CLEARANCE TO SERVICE END OF UNIT. 48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE, AND 18" 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 ⊕.
5. ALL DIMENSIONS ARE IN "INCHES" UNLESS NOTED.





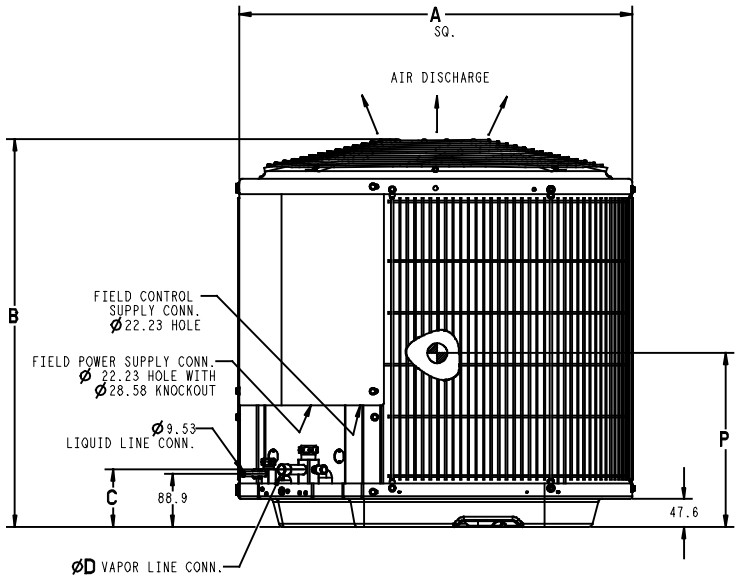
UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18,24,30	23 1/2" X 23 1/2"
36	26" X 26"
42, 48, 60	31 1/2" X 31 1/2"
-	35" X 35"

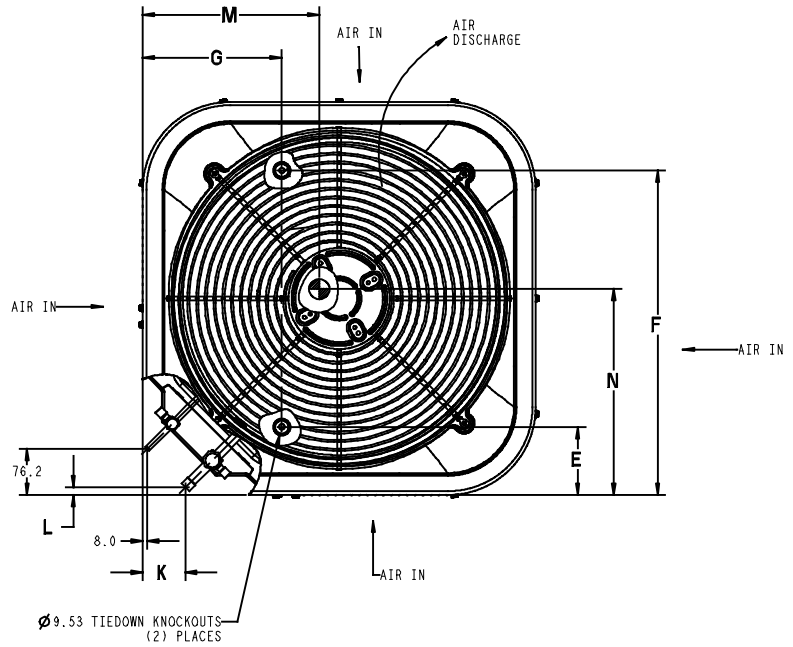
DIMENSIONS - SI

UNIT	SERIES	ELECTRICAL CHARACTERISTICS				A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (Kgs)	SHIPPING WEIGHT (Kgs)	SHIPPING DIMENSIONS (L x W x H)
113A018	D	X	O	O	O	587.3	643.0	95.2	19.0	112.7	458.8	198.4	71.4	12.7	419.1	381.0	304.8	48.5	59.0	616.0 X 695.3 X 850.9
113A024	D	X	O	O	O	587.3	643.0	95.2	19.0	112.7	458.8	198.4	71.4	12.7	419.1	381.0	304.8	49.9	60.8	616.0 X 695.3 X 850.9
113A030	E	X	O	X	O	587.3	728.7	95.2	19.0	112.7	458.8	198.4	71.4	12.7	419.1	381.0	355.6	50.3	61.7	616.0 X 695.3 X 850.9
113A036	E	X	O	X	X	654.0	820.8	98.4	22.2	112.7	539.8	231.8	74.6	15.9	362.0	266.7	406.4	64.0	77.1	682.6 X 763.6 X 912.8
113A042	C	X	O	X	X	792.2	820.8	98.4	22.2	166.7	627.1	231.8	74.6	15.9	400.0	412.8	349.2	85.7	98.4	822.3 X 901.7 X 912.8
113A048	E	X	O	X	X	792.2	908.0	98.4	22.2	166.7	627.1	231.8	74.6	15.9	415.9	390.5	387.4	84.4	101.6	822.3 X 901.7 X 1000.1
113A060	F	X	O	O	O	792.2	647.7	98.4	22.2	166.7	627.1	231.8	74.6	15.9	358.8	390.5	298.4	86.2	102.5	822.3 X 901.7 X 827.1
113A060	G	O	O	X	X	792.2	735.0	98.4	22.2	166.7	627.1	231.8	74.6	15.9	406.4	393.7	323.9	89.8	104.3	822.3 X 901.7 X 827.1
		208-230-1-60	575	208/230-3-60	460-3-60															

X = YES
O = NO

NOTES:
1. ALLOW 609.6 CLEARANCE TO SERVICE END OF UNIT. 1219.2 ABOVE UNIT, 152.4 ON ONE SIDE, 304.8 ON REMAINING SIDE, AND 609.6 BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 13°C, MAX. 52°C.
3. SERIES DESIGNATION IS THE 14TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY ⊕.
5. ALL DIMENSIONS ARE IN □MM" UNLESS NOTED.

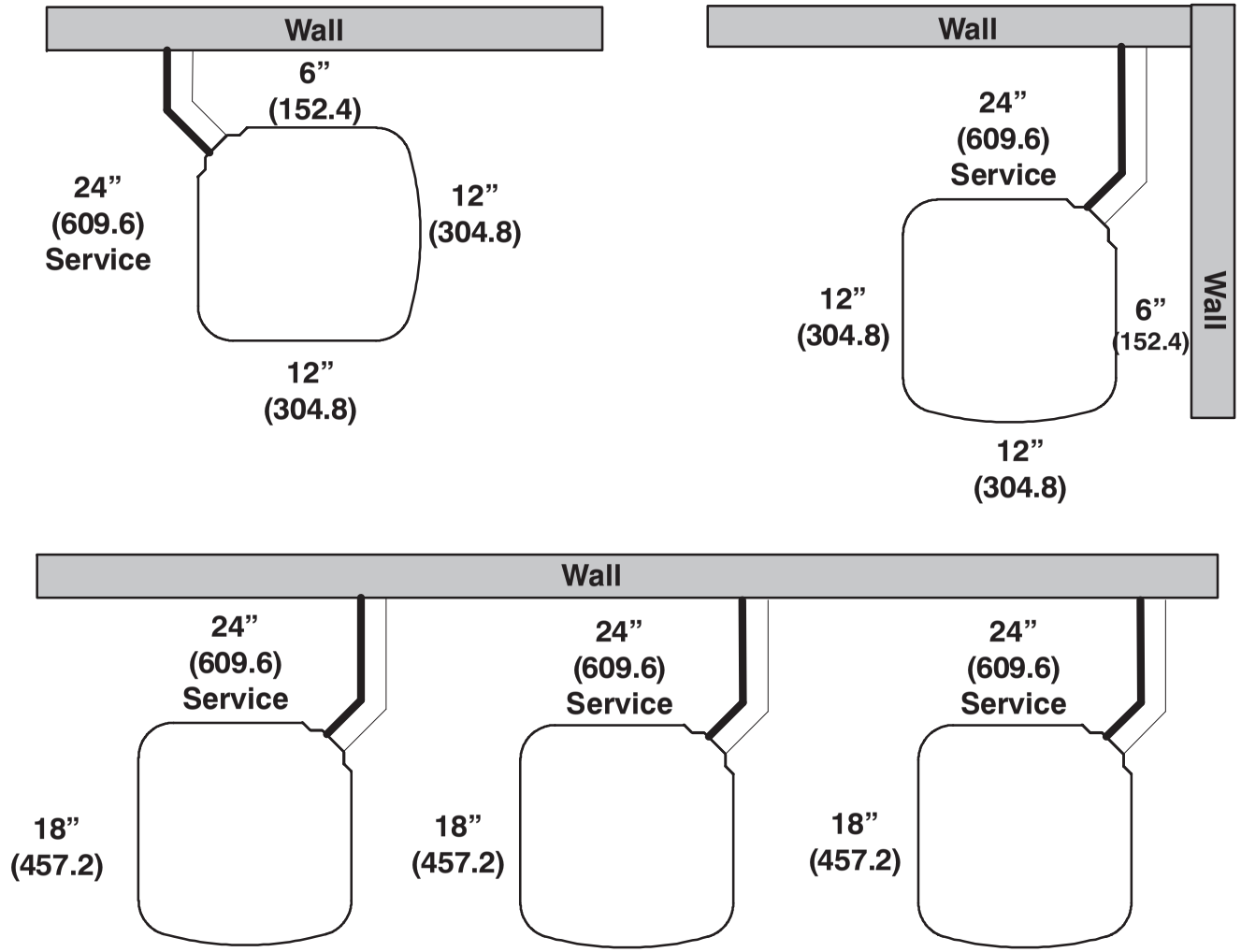




UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18,24,30	596.9 X 596.9
36	660.4 X 660.4
42,48,60	800.1 X 800.1
-	889.0 X 889.0

CLEARANCES

Clearances (various examples)



Note: Numbers in ( ) = mm

IMPORTANT: When installing multiple units in an alcove, roof well, or partially enclosed area, ensure there is adequate ventilation to prevent re-circulation of discharge air.

AHRI COMBINATION RATINGS*

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3250604	113AN(A,W)018−D	†CAP**1814A**+TDR		17,600	10.9	13.0
3250606	113AN(A,W)018−D	CAP**1814A**	313*AV024045	17,800	12.0	14.5
3250605	113AN(A,W)018−D	CAP**1814A**	315(A,J)AV036070	17,500	12.0	14.5
3250609	113AN(A,W)018−D	CAP**2414A**	313*AV024045	18,000	12.2	14.5
3250607	113AN(A,W)018−D	CAP**2414A**+TDR		17,900	11.0	13.2
3250613	113AN(A,W)018−D	CAP**2417A**	353AAV036040	18,000	12.5	15.0
3250614	113AN(A,W)018−D	CAP**2417A**	353AAV036060	18,000	12.5	15.0
3250611	113AN(A,W)018−D	CAP**2417A**	355(A,C)AV042060	17,800	12.2	14.5
3250610	113AN(A,W)018−D	CAP**2417A**+TDR		17,900	11.0	13.2
3250635	113AN(A,W)018−D	CNPF*2418A**+TDR		17,900	11.0	13.2
3250632	113AN(A,W)018−D	CNPH*2417A**	313*AV024045	17,800	12.2	14.5
3250630	113AN(A,W)018−D	CNPH*2417A**	315(A,J)AV036070	17,800	12.2	14.5
3250631	113AN(A,W)018−D	CNPH*2417A**	315(A,J)AV048090	17,800	12.2	14.5
3250633	113AN(A,W)018−D	CNPH*2417A**	353AAV036040	18,000	12.2	15.0
3250634	113AN(A,W)018−D	CNPH*2417A**	353AAV036060	18,000	12.2	15.0
3250628	113AN(A,W)018−D	CNPH*2417A**	355(A,C)AV042060	17,800	12.2	14.5
3250629	113AN(A,W)018−D	CNPH*2417A**	355(A,C)AV042080	17,700	12.2	14.5
3250627	113AN(A,W)018−D	CNPH*2417A**	355AAV042040	17,800	12.2	14.5
3250626	113AN(A,W)018−D	CNPH*2417A**+TDR		17,900	11.0	13.2
3250617	113AN(A,W)018−D	CNPV*1814A**	313*AV024045	17,800	12.0	14.5
3250616	113AN(A,W)018−D	CNPV*1814A**	315(A,J)AV036070	17,500	12.0	14.5
3250615	113AN(A,W)018−D	CNPV*1814A**+TDR		17,600	10.9	13.0
3250619	113AN(A,W)018−D	CNPV*2414A**	315(A,J)AV036070	17,800	12.2	14.5
3250618	113AN(A,W)018−D	CNPV*2414A**+TDR		17,900	11.0	13.2
3250623	113AN(A,W)018−D	CNPV*2417A**	315(A,J)AV048090	17,800	12.2	14.5
3250624	113AN(A,W)018−D	CNPV*2417A**	353AAV036040	18,000	12.2	15.0
3250625	113AN(A,W)018−D	CNPV*2417A**	353AAV036060	18,000	12.2	15.0
3250621	113AN(A,W)018−D	CNPV*2417A**+TDR		17,900	11.0	13.2
3250642	113AN(A,W)018−D	CSPH*2412A**	313*AV024045	18,000	12.2	14.5
3250640	113AN(A,W)018−D	CSPH*2412A**	315(A,J)AV036070	17,900	12.2	14.5
3250641	113AN(A,W)018−D	CSPH*2412A**	315(A,J)AV048090	17,900	12.2	14.5
3250643	113AN(A,W)018−D	CSPH*2412A**	353AAV036040	18,000	12.2	15.0
3250644	113AN(A,W)018−D	CSPH*2412A**	353AAV036060	18,000	12.2	15.0
3250639	113AN(A,W)018−D	CSPH*2412A**	355(A,C)AV042080	17,900	12.2	14.5
3250637	113AN(A,W)018−D	CSPH*2412A**	355AAV042040	17,800	12.2	14.5
3250636	113AN(A,W)018−D	CSPH*2412A**+TDR		17,900	11.0	13.2
3250649	113AN(A,W)018−D	FE4ANF002+UI		17,300	12.2	14.5
3250650	113AN(A,W)018−D	FF1ENP018		17,500	10.9	13.0
3250651	113AN(A,W)018−D	FF1ENP024		17,500	11.0	13.2
3457566	113AN(A,W)018−D	FF1ENP025		18,000	12.2	14.5
3250652	113AN(A,W)018−D	FV4BNF002		17,300	12.2	14.5
3250647	113AN(A,W)018−D	FX4CNF018		18,000	12.0	14.5
3250648	113AN(A,W)018−D	FX4CNF024		18,000	12.2	14.5
3250645	113AN(A,W)018−D	FY4ANF018		17,700	10.9	13.0
3250646	113AN(A,W)018−D	FY4ANF024		18,000	10.9	13.0
3251073	113AN(A,W)024−D	†CAP**2414A**+TDR		23,000	11.0	13.0
3251075	113AN(A,W)024−D	CAP**2414A**	313*AV024045	23,000	11.7	14.0
3251074	113AN(A,W)024−D	CAP**2414A**	315(A,J)AV036070	22,800	12.0	14.0
3251078	113AN(A,W)024−D	CAP**2417A**	315(A,J)AV048090	23,000	12.2	14.5
3251079	113AN(A,W)024−D	CAP**2417A**	353AAV036040	23,400	12.2	14.5
3251080	113AN(A,W)024−D	CAP**2417A**	353AAV036060	23,400	12.2	14.5
3251081	113AN(A,W)024−D	CAP**2417A**	353AAV036080	23,200	12.2	14.5
3251077	113AN(A,W)024−D	CAP**2417A**	355(A,C)AV042060	23,200	12.2	14.5
3251076	113AN(A,W)024−D	CAP**2417A**+TDR		23,000	11.0	13.0
3251084	113AN(A,W)024−D	CAP**3014A**	313*AV024045	23,400	12.0	14.0
3251083	113AN(A,W)024−D	CAP**3014A**	315(A,J)AV036070	23,000	12.0	14.5
3251082	113AN(A,W)024−D	CAP**3014A**+TDR		23,200	11.0	13.0
3251087	113AN(A,W)024−D	CAP**3017A**	315(A,J)AV048090	23,200	12.2	14.5
3251088	113AN(A,W)024−D	CAP**3017A**	353AAV036040	23,600	12.2	14.5
3251089	113AN(A,W)024−D	CAP**3017A**	353AAV036060	23,800	12.2	14.5
3251090	113AN(A,W)024−D	CAP**3017A**	353AAV036080	23,600	12.2	14.5
3251086	113AN(A,W)024−D	CAP**3017A**	355(A,C)AV042060	23,400	12.2	14.5
3251085	113AN(A,W)024−D	CAP**3017A**+TDR		23,200	11.0	13.0
3251184	113AN(A,W)024−D	CAP**3617A**	313*AV024045	23,400	12.2	14.5
3514612	113AN(A,W)024−D	CAP**3617A**+TDR		23,200	11.0	13.0
3251141	113AN(A,W)024−D	CNPF*2418A**+TDR		23,000	11.0	13.0
3251121	113AN(A,W)024−D	CNPH*2417A**	313*AV024045	23,000	11.7	14.0
3251116	113AN(A,W)024−D	CNPH*2417A**	315(A,J)AV036070	22,800	11.7	14.0
3251117	113AN(A,W)024−D	CNPH*2417A**	315(A,J)AV048090	22,800	12.0	14.0
3251118	113AN(A,W)024−D	CNPH*2417A**	315(A,J)AV060110	22,800	11.7	14.0
3251119	113AN(A,W)024−D	CNPH*2417A**	315(A,J)AV066135	22,800	12.0	14.0
3251120	113AN(A,W)024−D	CNPH*2417A**	315(A,J)AV066155	22,800	12.0	14.0
3251122	113AN(A,W)024−D	CNPH*2417A**	353AAV036040	23,200	12.0	14.5
3251123	113AN(A,W)024−D	CNPH*2417A**	353AAV036060	23,200	12.0	14.5
3251111	113AN(A,W)024−D	CNPH*2417A**	355(A,C)AV042060	23,200	12.0	14.0
3251112	113AN(A,W)024−D	CNPH*2417A**	355(A,C)AV042080	22,800	12.0	14.0
3251113	113AN(A,W)024−D	CNPH*2417A**	355(A,C)AV060080	22,600	12.0	14.0
3251114	113AN(A,W)024−D	CNPH*2417A**	355(A,C)AV060100	22,800	12.0	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3251115	113AN(A,W)024−D	CNPH*2417A**	355(A,C)AV060120	23,000	12.0	14.0
3251110	113AN(A,W)024−D	CNPH*2417A**	355AAV042040	22,800	11.7	14.0
3251109	113AN(A,W)024−D	CNPH*2417A**+TDR		23,000	11.0	13.0
3251137	113AN(A,W)024−D	CNPH*3017A**	313*AV024045	23,400	12.0	14.0
3251132	113AN(A,W)024−D	CNPH*3017A**	315(A,J)AV036070	23,000	12.0	14.5
3251133	113AN(A,W)024−D	CNPH*3017A**	315(A,J)AV048090	23,200	12.2	14.5
3251134	113AN(A,W)024−D	CNPH*3017A**	315(A,J)AV060110	23,200	12.2	14.5
3251135	113AN(A,W)024−D	CNPH*3017A**	315(A,J)AV066135	23,200	12.2	14.5
3251138	113AN(A,W)024−D	CNPH*3017A**	353AAV036040	23,600	12.2	14.5
3251139	113AN(A,W)024−D	CNPH*3017A**	353AAV036060	23,800	12.2	14.5
3251140	113AN(A,W)024−D	CNPH*3017A**	353AAV036080	23,600	12.2	14.5
3251127	113AN(A,W)024−D	CNPH*3017A**	355(A,C)AV042060	23,400	12.2	14.5
3251128	113AN(A,W)024−D	CNPH*3017A**	355(A,C)AV042080	23,200	12.2	14.5
3251129	113AN(A,W)024−D	CNPH*3017A**	355(A,C)AV060080	23,000	12.2	14.5
3251130	113AN(A,W)024−D	CNPH*3017A**	355(A,C)AV060100	23,200	12.2	14.5
3251126	113AN(A,W)024−D	CNPH*3017A**	355AAV042040	23,200	12.2	14.5
3251125	113AN(A,W)024−D	CNPH*3017A**+TDR		23,200	11.0	13.0
3251093	113AN(A,W)024−D	CNPV*2414A**	313*AV024045	23,000	11.7	14.0
3251092	113AN(A,W)024−D	CNPV*2414A**	315(A,J)AV036070	22,800	11.7	14.0
3251091	113AN(A,W)024−D	CNPV*2414A**+TDR		23,000	11.0	13.0
3251096	113AN(A,W)024−D	CNPV*2417A**	315(A,J)AV048090	22,800	12.0	14.0
3251098	113AN(A,W)024−D	CNPV*2417A**	353AAV036060	23,200	12.0	14.5
3251099	113AN(A,W)024−D	CNPV*2417A**	353AAV036080	23,200	12.0	14.5
3251095	113AN(A,W)024−D	CNPV*2417A**	355(A,C)AV042060	23,200	12.0	14.0
3251094	113AN(A,W)024−D	CNPV*2417A**+TDR		23,000	11.0	13.0
3251102	113AN(A,W)024−D	CNPV*3014A**	313*AV024045	23,200	12.0	14.0
3251101	113AN(A,W)024−D	CNPV*3014A**	315(A,J)AV036070	23,000	12.0	14.5
3251100	113AN(A,W)024−D	CNPV*3014A**+TDR		23,200	11.0	13.0
3251105	113AN(A,W)024−D	CNPV*3017A**	315(A,J)AV048090	23,200	12.2	14.5
3251106	113AN(A,W)024−D	CNPV*3017A**	353AAV036040	23,600	12.2	14.5
3251107	113AN(A,W)024−D	CNPV*3017A**	353AAV036060	23,800	12.2	14.5
3251108	113AN(A,W)024−D	CNPV*3017A**	353AAV036080	23,600	12.2	14.5
3251104	113AN(A,W)024−D	CNPV*3017A**	355(A,C)AV042060	23,400	12.2	14.5
3251103	113AN(A,W)024−D	CNPV*3017A**+TDR		23,200	11.0	13.0
3251185	113AN(A,W)024−D	CNPV*3617A**	313*AV024045	23,400	12.2	14.5
3251154	113AN(A,W)024−D	CSPH*2412A**	313*AV024045	23,200	12.0	14.0
3251149	113AN(A,W)024−D	CSPH*2412A**	315(A,J)AV036070	23,000	12.0	14.0
3251150	113AN(A,W)024−D	CSPH*2412A**	315(A,J)AV048090	23,200	12.0	14.0
3251151	113AN(A,W)024−D	CSPH*2412A**	315(A,J)AV060110	23,200	12.0	14.0
3251152	113AN(A,W)024−D	CSPH*2412A**	315(A,J)AV066135	23,200	12.0	14.0
3251153	113AN(A,W)024−D	CSPH*2412A**	315(A,J)AV066155	23,200	12.0	14.0
3251155	113AN(A,W)024−D	CSPH*2412A**	353AAV036040	23,400	12.2	14.5
3251157	113AN(A,W)024−D	CSPH*2412A**	353AAV036080	23,400	12.2	14.5
3251144	113AN(A,W)024−D	CSPH*2412A**	355(A,C)AV042060	23,400	12.0	14.0
3251145	113AN(A,W)024−D	CSPH*2412A**	355(A,C)AV042080	23,000	12.0	14.0
3251147	113AN(A,W)024−D	CSPH*2412A**	355(A,C)AV060100	23,200	12.0	14.0
3251148	113AN(A,W)024−D	CSPH*2412A**	355(A,C)AV060120	23,200	12.0	14.0
3251142	113AN(A,W)024−D	CSPH*2412A**+TDR		23,000	11.0	13.0
3251170	113AN(A,W)024−D	CSPH*3012A**	313*AV024045	23,400	12.0	14.0
3251165	113AN(A,W)024−D	CSPH*3012A**	315(A,J)AV036070	23,000	12.0	14.5
3251166	113AN(A,W)024−D	CSPH*3012A**	315(A,J)AV048090	23,200	12.2	14.5
3251167	113AN(A,W)024−D	CSPH*3012A**	315(A,J)AV060110	23,200	12.2	14.5
3251168	113AN(A,W)024−D	CSPH*3012A**	315(A,J)AV066135	23,200	12.2	14.5
3251169	113AN(A,W)024−D	CSPH*3012A**	315(A,J)AV066155	23,200	12.2	14.5
3251173	113AN(A,W)024−D	CSPH*3012A**	353AAV036080	23,600	12.2	14.5
3251160	113AN(A,W)024−D	CSPH*3012A**	355(A,C)AV042060	23,600	12.2	14.5
3251163	113AN(A,W)024−D	CSPH*3012A**	355(A,C)AV060100	23,200	12.2	14.5
3251164	113AN(A,W)024−D	CSPH*3012A**	355(A,C)AV060120	23,400	12.2	14.5
3251158	113AN(A,W)024−D	CSPH*3012A**+TDR		23,200	11.0	13.0
3251179	113AN(A,W)024−D	FE4AN(B,F)003+UI		23,400	12.2	14.5
3251178	113AN(A,W)024−D	FE4ANF002+UI		22,600	12.0	14.0
3251180	113AN(A,W)024−D	FF1ENP024		22,600	11.0	13.0
3251181	113AN(A,W)024−D	FF1ENP030		23,000	10.9	13.0
3457568	113AN(A,W)024−D	FF1ENP031		23,200	11.7	14.0
3251183	113AN(A,W)024−D	FV4BN(B,F)003		23,400	12.2	14.5
3251182	113AN(A,W)024−D	FV4BNF002		22,600	12.0	14.0
3404654	113AN(A,W)024−D	FV4CN(B,F)003		23,400	12.2	14.5
3251176	113AN(A,W)024−D	FX4CNF024		23,200	11.7	14.0
3251177	113AN(A,W)024−D	FX4CNF030		23,400	12.0	14.5
3251174	113AN(A,W)024−D	FY4ANF024		23,000	11.0	13.0
3251175	113AN(A,W)024−D	FY4ANF030		23,200	11.0	13.0
3251186	113AN(A,W)030−E	†CAP**3014A**+TDR		27,400	10.8	13.0
3251199	113AN(A,W)030−E	CAP**3014A**	315(A,J)AV036070	27,200	11.7	14.0
3251203	113AN(A,W)030−E	CAP**3017A**	313*AV048070	27,400	11.7	14.0
3251202	113AN(A,W)030−E	CAP**3017A**	315(A,J)AV048090	27,400	12.0	14.0
3251204	113AN(A,W)030−E	CAP**3017A**	353AAV036040	27,600	12.0	14.5
3251205	113AN(A,W)030−E	CAP**3017A**	353AAV036060	27,800	11.7	14.0
3251206	113AN(A,W)030−E	CAP**3017A**	353AAV036080	27,600	12.0	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3251207	113AN(A,W)030−E	CAP**3017A**	353AAV048080	27,800	11.7	14.0
3251201	113AN(A,W)030−E	CAP**3017A**	355(A,C)AV042060	27,400	11.7	14.0
3251200	113AN(A,W)030−E	CAP**3017A**+TDR		27,400	10.8	13.0
3251209	113AN(A,W)030−E	CAP**3614A**	315(A,J)AV036070	27,400	11.7	14.0
3251208	113AN(A,W)030−E	CAP**3614A**+TDR		27,400	10.8	13.0
3251213	113AN(A,W)030−E	CAP**3617A**	313*AV048070	27,600	11.7	14.0
3251214	113AN(A,W)030−E	CAP**3617A**	353AAV036040	27,800	12.0	14.5
3251215	113AN(A,W)030−E	CAP**3617A**	353AAV036060	27,600	12.0	14.5
3251216	113AN(A,W)030−E	CAP**3617A**	353AAV036080	27,600	12.0	14.5
3251217	113AN(A,W)030−E	CAP**3617A**	353AAV048080	28,000	11.7	14.0
3251211	113AN(A,W)030−E	CAP**3617A**	355(A,C)AV042060	27,600	12.0	14.0
3251210	113AN(A,W)030−E	CAP**3617A**+TDR		27,600	10.8	13.0
3251223	113AN(A,W)030−E	CAP**3621A**	313*AV048090	27,800	12.0	14.0
3251222	113AN(A,W)030−E	CAP**3621A**	315(A,J)AV060110	27,600	12.0	14.5
3251219	113AN(A,W)030−E	CAP**3621A**	355(A,C)AV042080	27,400	11.7	14.0
3251220	113AN(A,W)030−E	CAP**3621A**	355(A,C)AV060080	27,400	12.0	14.0
3251221	113AN(A,W)030−E	CAP**3621A**	355(A,C)AV060100	27,200	11.7	14.0
3251218	113AN(A,W)030−E	CAP**3621A**+TDR		27,600	10.8	13.0
3414660	113AN(A,W)030−E	CAP**4221A**+TDR		27,600	11.0	13.0
3414661	113AN(A,W)030−E	CAP**4224A**+TDR		27,600	11.0	13.0
3251284	113AN(A,W)030−E	CNPF*3618A**+TDR		27,400	10.8	13.0
3251260	113AN(A,W)030−E	CNPH*3017A**	313*AV048070	27,400	11.5	14.0
3251261	113AN(A,W)030−E	CNPH*3017A**	313*AV048090	27,600	11.7	14.0
3251255	113AN(A,W)030−E	CNPH*3017A**	315(A,J)AV036070	27,200	11.7	14.0
3251256	113AN(A,W)030−E	CNPH*3017A**	315(A,J)AV048090	27,400	11.7	14.0
3251257	113AN(A,W)030−E	CNPH*3017A**	315(A,J)AV060110	27,400	11.7	14.0
3251259	113AN(A,W)030−E	CNPH*3017A**	315(A,J)AV066155	27,400	12.0	14.0
3251262	113AN(A,W)030−E	CNPH*3017A**	353AAV036040	27,600	12.0	14.0
3251263	113AN(A,W)030−E	CNPH*3017A**	353AAV036060	27,800	11.7	14.0
3251264	113AN(A,W)030−E	CNPH*3017A**	353AAV036080	27,600	12.0	14.0
3251265	113AN(A,W)030−E	CNPH*3017A**	353AAV048080	27,800	11.7	14.0
3251250	113AN(A,W)030−E	CNPH*3017A**	355(A,C)AV042060	27,600	11.7	14.0
3251251	113AN(A,W)030−E	CNPH*3017A**	355(A,C)AV042080	27,200	11.7	14.0
3251252	113AN(A,W)030−E	CNPH*3017A**	355(A,C)AV060080	27,400	11.7	14.0
3251253	113AN(A,W)030−E	CNPH*3017A**	355(A,C)AV060100	27,200	11.7	14.0
3251254	113AN(A,W)030−E	CNPH*3017A**	355(A,C)AV060120	27,400	12.0	14.0
3251249	113AN(A,W)030−E	CNPH*3017A**	355AAV042040	27,400	11.7	14.0
3251248	113AN(A,W)030−E	CNPH*3017A**+TDR		27,400	10.8	13.0
3251279	113AN(A,W)030−E	CNPH*3617A**	313*AV048090	27,600	11.7	14.0
3251273	113AN(A,W)030−E	CNPH*3617A**	315(A,J)AV036070	27,400	11.7	14.0
3251274	113AN(A,W)030−E	CNPH*3617A**	315(A,J)AV048090	27,400	11.7	14.0
3251275	113AN(A,W)030−E	CNPH*3617A**	315(A,J)AV060110	27,400	11.7	14.0
3251276	113AN(A,W)030−E	CNPH*3617A**	315(A,J)AV066135	27,400	12.0	14.0
3251277	113AN(A,W)030−E	CNPH*3617A**	315(A,J)AV066155	27,400	12.0	14.0
3251280	113AN(A,W)030−E	CNPH*3617A**	353AAV036040	27,200	12.0	14.5
3251281	113AN(A,W)030−E	CNPH*3617A**	353AAV036060	27,200	12.0	14.5
3251282	113AN(A,W)030−E	CNPH*3617A**	353AAV036080	27,000	12.0	14.5
3251283	113AN(A,W)030−E	CNPH*3617A**	353AAV048080	27,800	11.7	14.0
3251268	113AN(A,W)030−E	CNPH*3617A**	355(A,C)AV042060	27,600	11.7	14.0
3251269	113AN(A,W)030−E	CNPH*3617A**	355(A,C)AV042080	27,200	11.7	14.0
3251270	113AN(A,W)030−E	CNPH*3617A**	355(A,C)AV060080	27,400	11.7	14.0
3251271	113AN(A,W)030−E	CNPH*3617A**	355(A,C)AV060100	27,200	11.7	14.0
3251272	113AN(A,W)030−E	CNPH*3617A**	355(A,C)AV060120	27,400	12.0	14.0
3251267	113AN(A,W)030−E	CNPH*3617A**	355AAV042040	27,400	11.7	14.0
3251266	113AN(A,W)030−E	CNPH*3617A**+TDR		27,400	10.8	13.0
3414664	113AN(A,W)030−E	CNPH*4221A**+TDR		27,600	11.0	13.0
3251225	113AN(A,W)030−E	CNPV*3014A**	315(A,J)AV036070	27,200	11.7	14.0
3251224	113AN(A,W)030−E	CNPV*3014A**+TDR		27,400	10.8	13.0
3251229	113AN(A,W)030−E	CNPV*3017A**	313*AV048070	27,400	11.5	14.0
3251228	113AN(A,W)030−E	CNPV*3017A**	315(A,J)AV048090	27,400	11.7	14.0
3251231	113AN(A,W)030−E	CNPV*3017A**	353AAV036060	27,800	11.7	14.0
3251233	113AN(A,W)030−E	CNPV*3017A**	353AAV048080	27,800	11.7	14.0
3251227	113AN(A,W)030−E	CNPV*3017A**	355(A,C)AV042060	27,600	11.7	14.0
3251226	113AN(A,W)030−E	CNPV*3017A**+TDR		27,400	10.8	13.0
3251237	113AN(A,W)030−E	CNPV*3617A**	313*AV048070	27,400	11.5	14.0
3251236	113AN(A,W)030−E	CNPV*3617A**	315(A,J)AV048090	27,400	11.7	14.0
3251239	113AN(A,W)030−E	CNPV*3617A**	353AAV036060	27,200	12.0	14.5
3251240	113AN(A,W)030−E	CNPV*3617A**	353AAV036080	27,000	12.0	14.5
3251235	113AN(A,W)030−E	CNPV*3617A**	355(A,C)AV042060	27,600	11.7	14.0
3251234	113AN(A,W)030−E	CNPV*3617A**+TDR		27,400	10.8	13.0
3251247	113AN(A,W)030−E	CNPV*3621A**	313*AV048090	27,600	11.7	14.0
3251246	113AN(A,W)030−E	CNPV*3621A**	315(A,J)AV060110	27,400	11.7	14.0
3251243	113AN(A,W)030−E	CNPV*3621A**	355(A,C)AV042080	27,200	11.7	14.0
3251244	113AN(A,W)030−E	CNPV*3621A**	355(A,C)AV060080	27,400	11.7	14.0
3251245	113AN(A,W)030−E	CNPV*3621A**	355(A,C)AV060100	27,200	11.7	14.0
3251242	113AN(A,W)030−E	CNPV*3621A**+TDR		27,400	10.8	13.0
3251198	113AN(A,W)030−E	CNPV*4217A**	315(A,J)AV048090	27,800	12.2	14.5
3414662	113AN(A,W)030−E	CNPV*4217A**+TDR		27,600	11.0	13.0
3414663	113AN(A,W)030−E	CNPV*4221A**+TDR		27,600	11.0	13.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3251197	113AN(A,W)030−E	CNPV*4821A**	313*AV048090	28,400	12.2	14.5
3251297	113AN(A,W)030−E	CSPH*3012A**	313*AV048070	27,600	11.5	13.5
3251298	113AN(A,W)030−E	CSPH*3012A**	313*AV048090	27,600	11.7	14.0
3251292	113AN(A,W)030−E	CSPH*3012A**	315(A,J)AV036070	27,200	11.7	13.5
3251293	113AN(A,W)030−E	CSPH*3012A**	315(A,J)AV048090	27,400	11.7	14.0
3251294	113AN(A,W)030−E	CSPH*3012A**	315(A,J)AV060110	27,600	11.7	14.0
3251295	113AN(A,W)030−E	CSPH*3012A**	315(A,J)AV066135	27,600	11.7	14.0
3251296	113AN(A,W)030−E	CSPH*3012A**	315(A,J)AV066155	27,600	12.0	14.0
3251299	113AN(A,W)030−E	CSPH*3012A**	353AAV036040	27,800	12.0	14.0
3251300	113AN(A,W)030−E	CSPH*3012A**	353AAV036060	27,800	11.7	14.0
3251302	113AN(A,W)030−E	CSPH*3012A**	353AAV048080	27,800	11.7	14.0
3251287	113AN(A,W)030−E	CSPH*3012A**	355(A,C)AV042060	27,600	11.7	14.0
3251288	113AN(A,W)030−E	CSPH*3012A**	355(A,C)AV042080	27,400	11.7	14.0
3251289	113AN(A,W)030−E	CSPH*3012A**	355(A,C)AV060080	27,400	11.7	14.0
3251290	113AN(A,W)030−E	CSPH*3012A**	355(A,C)AV060100	27,200	11.7	14.0
3251286	113AN(A,W)030−E	CSPH*3012A**	355AAV042040	27,400	11.7	13.5
3251285	113AN(A,W)030−E	CSPH*3012A**+TDR		27,400	10.8	13.0
3251315	113AN(A,W)030−E	CSPH*3612A**	313*AV048070	27,800	11.7	13.5
3251316	113AN(A,W)030−E	CSPH*3612A**	313*AV048090	27,800	12.0	14.0
3251310	113AN(A,W)030−E	CSPH*3612A**	315(A,J)AV036070	27,800	12.0	14.0
3251311	113AN(A,W)030−E	CSPH*3612A**	315(A,J)AV048090	27,800	12.0	14.5
3251312	113AN(A,W)030−E	CSPH*3612A**	315(A,J)AV060110	27,800	12.0	14.0
3251314	113AN(A,W)030−E	CSPH*3612A**	315(A,J)AV066155	27,800	12.0	14.0
3251317	113AN(A,W)030−E	CSPH*3612A**	353AAV036040	27,400	12.0	14.5
3251319	113AN(A,W)030−E	CSPH*3612A**	353AAV036080	27,400	12.0	14.5
3251320	113AN(A,W)030−E	CSPH*3612A**	353AAV048080	27,800	12.0	14.0
3251305	113AN(A,W)030−E	CSPH*3612A**	355(A,C)AV042060	28,000	12.0	14.0
3251306	113AN(A,W)030−E	CSPH*3612A**	355(A,C)AV042080	27,800	12.0	14.0
3251307	113AN(A,W)030−E	CSPH*3612A**	355(A,C)AV060080	27,800	12.0	14.0
3251308	113AN(A,W)030−E	CSPH*3612A**	355(A,C)AV060100	27,600	12.0	14.0
3251309	113AN(A,W)030−E	CSPH*3612A**	355(A,C)AV060120	28,000	12.0	14.0
3251304	113AN(A,W)030−E	CSPH*3612A**	355AAV042040	27,800	12.0	14.0
3251303	113AN(A,W)030−E	CSPH*3612A**+TDR		27,400	10.8	13.0
3414665	113AN(A,W)030−E	CSPH*4212A**+TDR		27,600	11.0	13.0
3251191	113AN(A,W)030−E	FE4AN(B,F)003+UI		27,600	12.2	14.5
3251192	113AN(A,W)030−E	FE4AN(B,F)005+UI		28,400	12.2	14.5
3251190	113AN(A,W)030−E	FE4ANF002+UI		27,600	11.7	14.0
3457569	113AN(A,W)030−E	FF1ENP031		27,600	11.7	13.5
3251193	113AN(A,W)030−E	FF1ENP036		27,400	10.9	13.0
3251195	113AN(A,W)030−E	FV4BN(B,F)003		27,600	12.2	14.5
3251196	113AN(A,W)030−E	FV4BN(B,F)005		28,400	12.2	14.5
3251194	113AN(A,W)030−E	FV4BNF002		26,800	11.7	13.5
3404660	113AN(A,W)030−E	FV4CNF002		26,800	11.7	13.5
3251189	113AN(A,W)030−E	FX4CN(B,F)036		27,800	11.5	13.5
3251188	113AN(A,W)030−E	FX4CNF030		27,600	11.7	14.0
3251187	113AN(A,W)030−E	FY4ANF030		27,000	10.9	13.0
3492228	113APA030−E	†CAP**3014A**+TDR		27,400	10.8	13.0
3492265	113APA030−E	CAP**3017A**	353AAV036060	27,800	11.7	14.0
3492229	113APA030−E	CAP**3017A**+TDR		27,400	10.8	13.0
3492268	113APA030−E	CAP**3614A**	315(A,J)AV036070	27,400	11.7	14.0
3492230	113APA030−E	CAP**3614A**+TDR		27,400	10.8	13.0
3492231	113APA030−E	CAP**3617A**+TDR		27,600	10.8	13.0
3492232	113APA030−E	CAP**3621A**+TDR		27,600	10.8	13.0
3492242	113APA030−E	CAP**4221A**+TDR		27,600	11.0	13.0
3492243	113APA030−E	CAP**4224A**+TDR		27,600	11.0	13.0
3492239	113APA030−E	CNPF*3618A**+TDR		27,400	10.8	13.0
3492312	113APA030−E	CNPH*3017A**	313*AV048070	27,400	11.5	14.0
3492311	113APA030−E	CNPH*3017A**	315(A,J)AV066155	27,400	12.0	14.0
3492314	113APA030−E	CNPH*3017A**	353AAV036040	27,600	12.0	14.0
3492237	113APA030−E	CNPH*3017A**+TDR		27,400	10.8	13.0
3492320	113APA030−E	CNPH*3617A**	355(A,C)AV042080	27,200	11.7	14.0
3492238	113APA030−E	CNPH*3617A**+TDR		27,400	10.8	13.0
3492246	113APA030−E	CNPH*4221A**+TDR		27,600	11.0	13.0
3492233	113APA030−E	CNPV*3014A**+TDR		27,400	10.8	13.0
3492286	113APA030−E	CNPV*3017A**	353AAV036060	27,800	11.7	14.0
3492288	113APA030−E	CNPV*3017A**	353AAV048080	27,800	11.7	14.0
3492234	113APA030−E	CNPV*3017A**+TDR		27,400	10.8	13.0
3492294	113APA030−E	CNPV*3617A**	353AAV036080	27,000	12.0	14.5
3492235	113APA030−E	CNPV*3617A**+TDR		27,400	10.8	13.0
3492236	113APA030−E	CNPV*3621A**+TDR		27,400	10.8	13.0
3492244	113APA030−E	CNPV*4217A**+TDR		27,600	11.0	13.0
3492245	113APA030−E	CNPV*4221A**+TDR		27,600	11.0	13.0
3492348	113APA030−E	CSPH*3012A**	353AAV036040	27,800	12.0	14.0
3492350	113APA030−E	CSPH*3012A**	353AAV036080	27,600	11.7	14.0
3492339	113APA030−E	CSPH*3012A**	355(A,C)AV060100	27,200	11.7	14.0
3492240	113APA030−E	CSPH*3012A**+TDR		27,400	10.8	13.0
3492359	113APA030−E	CSPH*3612A**	315(A,J)AV048090	27,800	12.0	14.5
3492360	113APA030−E	CSPH*3612A**	315(A,J)AV060110	27,800	12.0	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3492353	113APA030−E	CSPH*3612A**	355(A,C)AV042060	28,000	12.0	14.0
3492241	113APA030−E	CSPH*3612A**+TDR		27,400	10.8	13.0
3492247	113APA030−E	CSPH*4212A**+TDR		27,600	11.0	13.0
3492256	113APA030−E	FV4BN(B,F)003		27,600	12.2	14.5
3250907	113AN(A,W)036−E	†CAP**3617A**+TDR		33,800	10.9	13.0
3250952	113AN(A,W)036−E	CAP**3614A**	315(A,J)AV036070	32,400	11.5	13.5
3250951	113AN(A,W)036−E	CAP**3614A**+TDR		32,800	11.0	13.0
3251047	113AN(A,W)036−E	CAP**3617A**	313*AV048070	33,400	11.2	13.5
3250954	113AN(A,W)036−E	CAP**3617A**	315(A,J)AV048090	33,400	11.7	14.0
3251070	113AN(A,W)036−E	CAP**3617A**	353AAV036060	33,600	11.7	14.0
3251072	113AN(A,W)036−E	CAP**3617A**	353AAV048080	33,600	11.7	14.0
3250953	113AN(A,W)036−E	CAP**3617A**	355(A,C)AV042060	33,600	11.5	13.5
3251048	113AN(A,W)036−E	CAP**3621A**	313*AV048090	33,800	12.0	14.0
3251049	113AN(A,W)036−E	CAP**3621A**	313*AV060110	34,000	12.0	14.0
3250959	113AN(A,W)036−E	CAP**3621A**	315(A,J)AV060110	33,400	11.7	14.0
3250908	113AN(A,W)036−E	CAP**3621A**	353AAV060100	33,600	12.0	14.0
3250956	113AN(A,W)036−E	CAP**3621A**	355(A,C)AV042080	33,400	11.5	13.5
3250957	113AN(A,W)036−E	CAP**3621A**	355(A,C)AV060080	33,400	11.7	14.0
3250958	113AN(A,W)036−E	CAP**3621A**	355(A,C)AV060100	33,600	11.7	14.0
3250955	113AN(A,W)036−E	CAP**3621A**+TDR		33,800	11.0	13.0
3251050	113AN(A,W)036−E	CAP**4221A**	313*AV048090	34,000	12.0	14.0
3251051	113AN(A,W)036−E	CAP**4221A**	313*AV060110	34,200	12.0	14.0
3250964	113AN(A,W)036−E	CAP**4221A**	315(A,J)AV060110	33,600	12.0	14.0
3250909	113AN(A,W)036−E	CAP**4221A**	353AAV060100	33,800	12.0	14.0
3250961	113AN(A,W)036−E	CAP**4221A**	355(A,C)AV042080	33,600	11.5	13.5
3250962	113AN(A,W)036−E	CAP**4221A**	355(A,C)AV060080	33,600	11.7	14.0
3250963	113AN(A,W)036−E	CAP**4221A**	355(A,C)AV060100	33,800	11.7	14.0
3250960	113AN(A,W)036−E	CAP**4221A**+TDR		34,000	11.0	13.0
3250968	113AN(A,W)036−E	CAP**4224A**	315(A,J)AV066135	33,600	12.0	14.0
3250969	113AN(A,W)036−E	CAP**4224A**	315(A,J)AV066155	33,800	12.0	14.0
3250967	113AN(A,W)036−E	CAP**4224A**	355(A,C)AV060120	33,600	12.0	14.0
3250966	113AN(A,W)036−E	CAP**4224A**	355AAV042040	33,400	11.7	13.5
3250965	113AN(A,W)036−E	CAP**4224A**+TDR		33,800	11.0	13.0
3251046	113AN(A,W)036−E	CAP**4817A**	313*AV048070	34,400	11.7	14.0
3251007	113AN(A,W)036−E	CNPF*3618A**+TDR		33,800	11.0	13.0
3251058	113AN(A,W)036−E	CNPH*3617A**	313*AV048090	33,400	11.7	14.0
3251059	113AN(A,W)036−E	CNPH*3617A**	313*AV060110	33,600	11.7	14.0
3250990	113AN(A,W)036−E	CNPH*3617A**	315(A,J)AV036070	33,200	11.5	13.5
3250992	113AN(A,W)036−E	CNPH*3617A**	315(A,J)AV060110	33,400	11.5	13.5
3250993	113AN(A,W)036−E	CNPH*3617A**	315(A,J)AV066135	33,400	11.7	14.0
3250924	113AN(A,W)036−E	CNPH*3617A**	353AAV036040	33,400	11.7	14.0
3250925	113AN(A,W)036−E	CNPH*3617A**	353AAV036060	33,400	11.7	14.0
3250928	113AN(A,W)036−E	CNPH*3617A**	353AAV060100	33,200	11.7	14.0
3250985	113AN(A,W)036−E	CNPH*3617A**	355(A,C)AV042060	33,400	11.5	13.5
3250986	113AN(A,W)036−E	CNPH*3617A**	355(A,C)AV042080	33,200	11.5	13.5
3250987	113AN(A,W)036−E	CNPH*3617A**	355(A,C)AV060080	33,200	11.5	13.5
3250988	113AN(A,W)036−E	CNPH*3617A**	355(A,C)AV060100	33,400	11.5	13.5
3250989	113AN(A,W)036−E	CNPH*3617A**	355(A,C)AV060120	33,400	11.5	13.5
3250984	113AN(A,W)036−E	CNPH*3617A**	355AAV042040	33,200	11.5	13.5
3250983	113AN(A,W)036−E	CNPH*3617A**+TDR		33,800	11.0	13.0
3251061	113AN(A,W)036−E	CNPH*4221A**	313*AV048090	34,000	12.0	14.0
3251062	113AN(A,W)036−E	CNPH*4221A**	313*AV060110	34,000	12.0	14.0
3251002	113AN(A,W)036−E	CNPH*4221A**	315(A,J)AV036070	33,600	11.5	13.5
3251003	113AN(A,W)036−E	CNPH*4221A**	315(A,J)AV048090	33,600	11.7	14.0
3251005	113AN(A,W)036−E	CNPH*4221A**	315(A,J)AV066135	33,600	12.0	14.0
3251006	113AN(A,W)036−E	CNPH*4221A**	315(A,J)AV066155	33,800	12.0	14.0
3250929	113AN(A,W)036−E	CNPH*4221A**	353AAV036040	33,800	11.7	14.0
3250930	113AN(A,W)036−E	CNPH*4221A**	353AAV036060	33,800	11.7	14.0
3250931	113AN(A,W)036−E	CNPH*4221A**	353AAV036080	33,800	11.7	14.0
3250932	113AN(A,W)036−E	CNPH*4221A**	353AAV048080	33,800	11.7	14.0
3250933	113AN(A,W)036−E	CNPH*4221A**	353AAV060100	33,800	11.7	14.0
3250997	113AN(A,W)036−E	CNPH*4221A**	355(A,C)AV042060	33,800	11.7	14.0
3250999	113AN(A,W)036−E	CNPH*4221A**	355(A,C)AV060080	33,600	11.7	14.0
3251000	113AN(A,W)036−E	CNPH*4221A**	355(A,C)AV060100	33,800	11.7	14.0
3251001	113AN(A,W)036−E	CNPH*4221A**	355(A,C)AV060120	33,600	11.7	14.0
3250996	113AN(A,W)036−E	CNPH*4221A**	355AAV042040	33,400	11.5	13.5
3250995	113AN(A,W)036−E	CNPH*4221A**+TDR		34,000	11.0	13.0
3250944	113AN(A,W)036−E	CNPH*4821A**	315(A,J)AV048090	34,200	12.2	14.5
3250945	113AN(A,W)036−E	CNPH*4821A**	353AAV036060	34,600	12.0	14.5
3250946	113AN(A,W)036−E	CNPH*4821A**	353AAV036080	34,600	12.2	14.5
3251052	113AN(A,W)036−E	CNPV*3617A**	313*AV048070	33,200	11.2	13.5
3250972	113AN(A,W)036−E	CNPV*3617A**	315(A,J)AV048090	33,200	11.5	13.5
3250910	113AN(A,W)036−E	CNPV*3617A**	353AAV036040	33,400	11.7	14.0
3250911	113AN(A,W)036−E	CNPV*3617A**	353AAV036060	33,400	11.7	14.0
3250912	113AN(A,W)036−E	CNPV*3617A**	353AAV036080	33,400	11.7	14.0
3250913	113AN(A,W)036−E	CNPV*3617A**	353AAV048080	33,400	11.7	14.0
3250971	113AN(A,W)036−E	CNPV*3617A**	355(A,C)AV042060	33,400	11.5	13.5
3250970	113AN(A,W)036−E	CNPV*3617A**+TDR		33,800	11.0	13.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3251053	113AN(A,W)036−E	CNPV*3621A**	313*AV048090	33,400	11.7	14.0
3251054	113AN(A,W)036−E	CNPV*3621A**	313*AV060110	33,600	11.7	14.0
3250914	113AN(A,W)036−E	CNPV*3621A**	353AAV060100	33,400	11.7	14.0
3250975	113AN(A,W)036−E	CNPV*3621A**	355(A,C)AV060080	33,200	11.5	13.5
3250976	113AN(A,W)036−E	CNPV*3621A**	355(A,C)AV060100	33,400	11.5	13.5
3250973	113AN(A,W)036−E	CNPV*3621A**+TDR		33,800	11.0	13.0
3250918	113AN(A,W)036−E	CNPV*4217A**	313*AV048070	33,800	11.7	14.0
3250917	113AN(A,W)036−E	CNPV*4217A**	315(A,J)AV048090	33,800	11.7	14.0
3250920	113AN(A,W)036−E	CNPV*4217A**	353AAV036060	33,800	11.7	14.0
3250921	113AN(A,W)036−E	CNPV*4217A**	353AAV036080	33,800	11.7	14.0
3250922	113AN(A,W)036−E	CNPV*4217A**	353AAV048080	33,800	11.7	14.0
3250915	113AN(A,W)036−E	CNPV*4217A**+TDR		33,800	11.0	13.0
3251055	113AN(A,W)036−E	CNPV*4221A**	313*AV048090	34,000	12.0	14.0
3251056	113AN(A,W)036−E	CNPV*4221A**	313*AV060110	34,000	12.0	14.0
3250982	113AN(A,W)036−E	CNPV*4221A**	315(A,J)AV060110	33,800	11.7	14.0
3250923	113AN(A,W)036−E	CNPV*4221A**	353AAV060100	33,800	11.7	14.0
3250979	113AN(A,W)036−E	CNPV*4221A**	355(A,C)AV042080	33,600	11.5	13.5
3250980	113AN(A,W)036−E	CNPV*4221A**	355(A,C)AV060080	33,600	11.7	14.0
3250981	113AN(A,W)036−E	CNPV*4221A**	355(A,C)AV060100	33,800	11.7	14.0
3250978	113AN(A,W)036−E	CNPV*4221A**+TDR		34,000	11.0	13.0
3250949	113AN(A,W)036−E	CNPV*4821A**	313*AV048090	34,600	12.2	14.5
3250950	113AN(A,W)036−E	CNPV*4821A**	313*AV060110	34,800	12.2	14.5
3250947	113AN(A,W)036−E	CNPV*4821A**	353AAV060100	34,400	12.2	14.5
3251063	113AN(A,W)036−E	CSPH*3612A**	313*AV048070	34,000	11.5	13.5
3251064	113AN(A,W)036−E	CSPH*3612A**	313*AV048090	34,400	12.0	14.0
3251065	113AN(A,W)036−E	CSPH*3612A**	313*AV060110	34,400	12.0	14.0
3251015	113AN(A,W)036−E	CSPH*3612A**	315(A,J)AV036070	33,600	11.7	14.0
3251016	113AN(A,W)036−E	CSPH*3612A**	315(A,J)AV048090	33,600	12.0	14.0
3251017	113AN(A,W)036−E	CSPH*3612A**	315(A,J)AV060110	33,600	12.0	14.0
3251018	113AN(A,W)036−E	CSPH*3612A**	315(A,J)AV066135	33,600	12.0	14.0
3251019	113AN(A,W)036−E	CSPH*3612A**	315(A,J)AV066155	33,600	12.0	14.0
3250935	113AN(A,W)036−E	CSPH*3612A**	353AAV036060	33,800	11.7	14.0
3250936	113AN(A,W)036−E	CSPH*3612A**	353AAV036080	33,800	11.7	14.0
3250937	113AN(A,W)036−E	CSPH*3612A**	353AAV048080	33,800	11.7	14.0
3250938	113AN(A,W)036−E	CSPH*3612A**	353AAV060100	33,800	11.7	14.0
3251010	113AN(A,W)036−E	CSPH*3612A**	355(A,C)AV042060	33,600	12.0	14.0
3251011	113AN(A,W)036−E	CSPH*3612A**	355(A,C)AV042080	33,400	11.7	14.0
3251012	113AN(A,W)036−E	CSPH*3612A**	355(A,C)AV060080	33,600	11.7	14.0
3251013	113AN(A,W)036−E	CSPH*3612A**	355(A,C)AV060100	33,400	12.0	14.0
3251014	113AN(A,W)036−E	CSPH*3612A**	355(A,C)AV060120	33,600	12.0	14.0
3251009	113AN(A,W)036−E	CSPH*3612A**	355AAV042040	33,600	11.5	13.5
3251008	113AN(A,W)036−E	CSPH*3612A**+TDR		33,800	11.0	13.0
3251066	113AN(A,W)036−E	CSPH*4212A**	313*AV048070	34,400	11.7	14.0
3251067	113AN(A,W)036−E	CSPH*4212A**	313*AV048090	34,600	12.0	14.0
3251068	113AN(A,W)036−E	CSPH*4212A**	313*AV060110	34,800	12.0	14.0
3251027	113AN(A,W)036−E	CSPH*4212A**	315(A,J)AV036070	33,600	11.7	14.0
3251028	113AN(A,W)036−E	CSPH*4212A**	315(A,J)AV048090	33,600	12.0	14.0
3251029	113AN(A,W)036−E	CSPH*4212A**	315(A,J)AV060110	33,800	12.0	14.0
3251031	113AN(A,W)036−E	CSPH*4212A**	315(A,J)AV066155	33,800	12.0	14.0
3250941	113AN(A,W)036−E	CSPH*4212A**	353AAV036080	33,800	11.7	14.0
3250942	113AN(A,W)036−E	CSPH*4212A**	353AAV048080	33,800	11.7	14.0
3250943	113AN(A,W)036−E	CSPH*4212A**	353AAV060100	33,800	11.7	14.0
3251022	113AN(A,W)036−E	CSPH*4212A**	355(A,C)AV042060	33,800	12.0	14.0
3251023	113AN(A,W)036−E	CSPH*4212A**	355(A,C)AV042080	33,600	11.7	14.0
3251026	113AN(A,W)036−E	CSPH*4212A**	355(A,C)AV060120	33,600	12.0	14.0
3251020	113AN(A,W)036−E	CSPH*4212A**+TDR		34,000	11.0	13.0
3251037	113AN(A,W)036−E	FE4AN(B,F)003+UI		33,600	12.0	14.0
3251038	113AN(A,W)036−E	FE4AN(B,F)005+UI		34,800	12.0	14.0
3251039	113AN(A,W)036−E	FE4ANB006+UI		35,200	12.0	14.0
3251036	113AN(A,W)036−E	FE4ANF002+UI		33,400	11.5	13.5
3251040	113AN(A,W)036−E	FE5ANB004+UI		35,000	12.0	14.0
3251041	113AN(A,W)036−E	FF1ENP036		33,600	10.9	13.0
3457571	113AN(A,W)036−E	FF1ENP037		33,200	11.7	13.5
3251043	113AN(A,W)036−E	FV4BN(B,F)003		33,600	12.0	14.0
3251044	113AN(A,W)036−E	FV4BN(B,F)005		34,800	12.0	14.0
3251045	113AN(A,W)036−E	FV4BNB006		35,200	12.0	14.0
3251042	113AN(A,W)036−E	FV4BNF002		33,400	11.5	13.5
3404664	113AN(A,W)036−E	FV4CN(B,F)003		33,600	12.0	14.0
3404665	113AN(A,W)036−E	FV4CN(B,F)005		34,800	12.0	14.0
3404667	113AN(A,W)036−E	FV4CNF002		33,400	11.5	13.5
3251034	113AN(A,W)036−E	FX4CN(B,F)036		34,000	11.7	14.0
3251035	113AN(A,W)036−E	FX4CN(B,F)042		34,800	11.7	14.0
3251032	113AN(A,W)036−E	FY4ANF036		33,200	10.9	13.0
3251033	113AN(A,W)036−E	FY4ANF042		34,200	11.0	13.0
3492374	113APA036−E	†CAP**3617A**+TDR		33,800	10.9	13.0
3492376	113APA036−E	CAP**3614A**+TDR		32,800	11.0	13.0
3492538	113APA036−E	CAP**3617A**	353AAV036060	33,600	11.7	14.0
3492540	113APA036−E	CAP**3617A**	353AAV048080	33,600	11.7	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3492431	113APA036–E	CAP**3617A**	355(A,C)AV042060	33,600	11.5	13.5
3492436	113APA036–E	CAP**3621A**	315(A,J)AV060110	33,400	11.7	14.0
3492434	113APA036–E	CAP**3621A**	355(A,C)AV060080	33,400	11.7	14.0
3492377	113APA036–E	CAP**3621A**+TDR		33,800	11.0	13.0
3492378	113APA036–E	CAP**4221A**+TDR		34,000	11.0	13.0
3492379	113APA036–E	CAP**4224A**+TDR		33,800	11.0	13.0
3492385	113APA036–E	CNPF*3618A**+TDR		33,800	11.0	13.0
3492461	113APA036–E	CNPH*3617A**	315(A,J)AV036070	33,200	11.5	13.5
3492403	113APA036–E	CNPH*3617A**	353AAV036040	33,400	11.7	14.0
3492404	113APA036–E	CNPH*3617A**	353AAV036060	33,400	11.7	14.0
3492383	113APA036–E	CNPH*3617A**+TDR		33,800	11.0	13.0
3492475	113APA036–E	CNPH*4221A**	315(A,J)AV066135	33,600	12.0	14.0
3492384	113APA036–E	CNPH*4221A**+TDR		34,000	11.0	13.0
3492519	113APA036–E	CNPV*3617A**	313*AV048070	33,200	11.2	13.5
3492446	113APA036–E	CNPV*3617A**	315(A,J)AV048090	33,200	11.5	13.5
3492390	113APA036–E	CNPV*3617A**	353AAV036040	33,400	11.7	14.0
3492391	113APA036–E	CNPV*3617A**	353AAV036060	33,400	11.7	14.0
3492380	113APA036–E	CNPV*3617A**+TDR		33,800	11.0	13.0
3492381	113APA036–E	CNPV*3621A**+TDR		33,800	11.0	13.0
3492398	113APA036–E	CNPV*4217A**	353AAV036040	33,800	11.7	14.0
3492375	113APA036–E	CNPV*4217A**+TDR		33,800	11.0	13.0
3492523	113APA036–E	CNPV*4221A**	313*AV060110	34,000	12.0	14.0
3492451	113APA036–E	CNPV*4221A**	355(A,C)AV042080	33,600	11.5	13.5
3492382	113APA036–E	CNPV*4221A**+TDR		34,000	11.0	13.0
3492414	113APA036–E	CSPH*3612A**	353AAV036060	33,800	11.7	14.0
3492416	113APA036–E	CSPH*3612A**	353AAV048080	33,800	11.7	14.0
3492479	113APA036–E	CSPH*3612A**	355(A,C)AV042080	33,400	11.7	14.0
3492480	113APA036–E	CSPH*3612A**	355(A,C)AV060080	33,600	11.7	14.0
3492386	113APA036–E	CSPH*3612A**+TDR		33,800	11.0	13.0
3492419	113APA036–E	CSPH*4212A**	353AAV036060	33,800	11.7	14.0
3492422	113APA036–E	CSPH*4212A**	353AAV060100	33,800	11.7	14.0
3492387	113APA036–E	CSPH*4212A**+TDR		34,000	11.0	13.0
3492504	113APA036–E	FE4AN(B,F)003+UI		33,600	12.0	14.0
3492543	113APA036–E	FV4CN(B,F)005		34,800	12.0	14.0
3492805	113AEA036–E	†CAP**3617A**+TDR		33,800	10.9	13.0
3492807	113AEA036–E	CAP**3614A**+TDR		32,800	11.0	13.0
3492969	113AEA036–E	CAP**3617A**	353AAV036080	33,600	11.7	14.0
3492970	113AEA036–E	CAP**3617A**	353AAV048080	33,600	11.7	14.0
3492808	113AEA036–E	CAP**3621A**+TDR		33,800	11.0	13.0
3492869	113AEA036–E	CAP**4221A**	355(A,C)AV060080	33,600	11.7	14.0
3492809	113AEA036–E	CAP**4221A**+TDR		34,000	11.0	13.0
3492810	113AEA036–E	CAP**4224A**+TDR		33,800	11.0	13.0
3492816	113AEA036–E	CNPF*3618A**+TDR		33,800	11.0	13.0
3492888	113AEA036–E	CNPH*3617A**	355(A,C)AV042080	33,200	11.5	13.5
3492814	113AEA036–E	CNPH*3617A**+TDR		33,800	11.0	13.0
3492840	113AEA036–E	CNPH*4221A**	353AAV036060	33,800	11.7	14.0
3492815	113AEA036–E	CNPH*4221A**+TDR		34,000	11.0	13.0
3492856	113AEA036–E	CNPH*4821A**	353AAV036080	34,600	12.2	14.5
3492858	113AEA036–E	CNPH*4821A**	353AAV060100	34,400	12.2	14.5
3492811	113AEA036–E	CNPV*3617A**+TDR		33,800	11.0	13.0
3492812	113AEA036–E	CNPV*3621A**+TDR		33,800	11.0	13.0
3492831	113AEA036–E	CNPV*4217A**	353AAV036080	33,800	11.7	14.0
3492806	113AEA036–E	CNPV*4217A**+TDR		33,800	11.0	13.0
3492883	113AEA036–E	CNPV*4221A**	355(A,C)AV060080	33,600	11.7	14.0
3492813	113AEA036–E	CNPV*4221A**+TDR		34,000	11.0	13.0
3492860	113AEA036–E	CNPV*4821A**	313*AV060110	34,800	12.2	14.5
3492844	113AEA036–E	CSPH*3612A**	353AAV036040	33,800	11.7	14.0
3492912	113AEA036–E	CSPH*3612A**	355(A,C)AV060100	33,400	12.0	14.0
3492817	113AEA036–E	CSPH*3612A**+TDR		33,800	11.0	13.0
3492851	113AEA036–E	CSPH*4212A**	353AAV036080	33,800	11.7	14.0
3492818	113AEA036–E	CSPH*4212A**+TDR		34,000	11.0	13.0
3492934	113AEA036–E	FE4ANF002+UI		33,400	11.5	13.5
3492973	113AEA036–E	FV4CN(B,F)005		34,800	12.0	14.0
3250653	113AN(A,W)042–C	†CAP**4221A**+TDR		41,000	11.0	13.0
3250654	113AN(A,W)042–C	CAP**4221A**	313*AV048090	40,500	11.7	14.0
3250655	113AN(A,W)042–C	CAP**4221A**	313*AV060110	40,500	12.0	14.0
3250725	113AN(A,W)042–C	CAP**4221A**	315(A,J)AV060110	40,500	11.2	13.5
3250724	113AN(A,W)042–C	CAP**4221A**	355(A,C)AV042080	40,000	11.2	13.5
3250656	113AN(A,W)042–C	CAP**4224A**	313*AV060135	40,500	12.0	14.0
3250728	113AN(A,W)042–C	CAP**4224A**	315(A,J)AV066135	40,500	11.5	14.0
3250683	113AN(A,W)042–C	CAP**4224A**	353AAV060120	40,500	12.0	14.0
3250727	113AN(A,W)042–C	CAP**4224A**	355(A,C)AV042040	40,000	11.2	13.5
3250726	113AN(A,W)042–C	CAP**4224A**+TDR		41,000	11.0	13.0
3250657	113AN(A,W)042–C	CAP**4817A**	313*AV048070	39,500	11.2	13.5
3250731	113AN(A,W)042–C	CAP**4817A**	315(A,J)AV048090	40,000	11.5	14.0
3250684	113AN(A,W)042–C	CAP**4817A**	353AAV036040	41,000	11.7	14.0
3250685	113AN(A,W)042–C	CAP**4817A**	353AAV036060	41,000	11.7	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3250686	113AN(A,W)042−C	CAP**4817A**	353AAV036080	41,000	11.7	14.0
3250687	113AN(A,W)042−C	CAP**4817A**	353AAV048080	41,000	11.7	14.0
3250730	113AN(A,W)042−C	CAP**4817A**	355(A,C)AV042060	40,000	11.5	14.0
3250729	113AN(A,W)042−C	CAP**4817A**+TDR		40,500	11.0	13.2
3250658	113AN(A,W)042−C	CAP**4821A**	313*AV048090	41,000	12.0	14.0
3250659	113AN(A,W)042−C	CAP**4821A**	313*AV060110	41,000	12.0	14.0
3250734	113AN(A,W)042−C	CAP**4821A**	315(A,J)AV060110	41,000	11.5	14.0
3250688	113AN(A,W)042−C	CAP**4821A**	353AAV060100	41,000	12.0	14.0
3250733	113AN(A,W)042−C	CAP**4821A**	355(A,C)AV042080	40,500	11.2	13.5
3250732	113AN(A,W)042−C	CAP**4821A**+TDR		41,500	11.0	13.2
3250660	113AN(A,W)042−C	CAP**4824A**	313*AV060135	41,000	12.0	14.0
3250737	113AN(A,W)042−C	CAP**4824A**	315(A,J)AV066135	41,000	11.7	14.0
3250736	113AN(A,W)042−C	CAP**4824A**	355(A,C)AV042040	41,000	11.2	13.5
3250735	113AN(A,W)042−C	CAP**4824A**+TDR		41,500	11.0	13.2
3250753	113AN(A,W)042−C	CNPF*4818A**+TDR		41,500	11.0	13.2
3250666	113AN(A,W)042−C	CNPH*4221A**	313*AV048070	40,000	11.2	13.2
3250667	113AN(A,W)042−C	CNPH*4221A**	313*AV048090	40,500	11.7	14.0
3250668	113AN(A,W)042−C	CNPH*4221A**	313*AV060110	40,500	12.0	14.0
3250669	113AN(A,W)042−C	CNPH*4221A**	313*AV060135	40,500	11.7	14.0
3250700	113AN(A,W)042−C	CNPH*4221A**	353AAV036040	40,500	11.7	14.0
3250701	113AN(A,W)042−C	CNPH*4221A**	353AAV036060	40,500	11.5	13.5
3250702	113AN(A,W)042−C	CNPH*4221A**	353AAV036080	40,500	11.7	14.0
3250703	113AN(A,W)042−C	CNPH*4221A**	353AAV048080	40,000	11.7	14.0
3250704	113AN(A,W)042−C	CNPH*4221A**	353AAV060100	40,500	11.7	14.0
3250705	113AN(A,W)042−C	CNPH*4221A**	353AAV060120	40,500	11.7	14.0
3250748	113AN(A,W)042−C	CNPH*4221A**	355(A,C)AV042040	40,000	11.2	13.5
3250747	113AN(A,W)042−C	CNPH*4221A**+TDR		41,000	11.0	13.0
3250670	113AN(A,W)042−C	CNPH*4821A**	313*AV048070	41,000	11.2	13.5
3250671	113AN(A,W)042−C	CNPH*4821A**	313*AV048090	41,000	12.0	14.0
3250672	113AN(A,W)042−C	CNPH*4821A**	313*AV060110	41,000	12.0	14.0
3250673	113AN(A,W)042−C	CNPH*4821A**	313*AV060135	41,000	12.0	14.0
3250752	113AN(A,W)042−C	CNPH*4821A**	315(A,J)AV036070	41,000	11.2	13.5
3250707	113AN(A,W)042−C	CNPH*4821A**	353AAV036060	41,000	11.7	14.0
3250708	113AN(A,W)042−C	CNPH*4821A**	353AAV036080	41,000	11.7	14.0
3250710	113AN(A,W)042−C	CNPH*4821A**	353AAV060100	41,000	12.0	14.0
3250711	113AN(A,W)042−C	CNPH*4821A**	353AAV060120	41,000	12.0	14.0
3250751	113AN(A,W)042−C	CNPH*4821A**	355(A,C)AV042040	40,500	11.2	13.5
3250750	113AN(A,W)042−C	CNPH*4821A**+TDR		41,500	11.0	13.2
3250692	113AN(A,W)042−C	CNPV*4217A**	313*AV048070	40,500	11.2	13.5
3250693	113AN(A,W)042−C	CNPV*4217A**	353AAV036040	41,000	11.7	14.0
3250694	113AN(A,W)042−C	CNPV*4217A**	353AAV036060	41,000	11.7	14.0
3250695	113AN(A,W)042−C	CNPV*4217A**	353AAV036080	41,000	11.7	14.0
3250696	113AN(A,W)042−C	CNPV*4217A**	353AAV048080	40,500	11.7	14.0
3250690	113AN(A,W)042−C	CNPV*4217A**	355(A,C)AV042060	40,500	11.5	13.5
3250689	113AN(A,W)042−C	CNPV*4217A**+TDR		41,000	11.0	13.0
3250662	113AN(A,W)042−C	CNPV*4221A**	313*AV060110	40,500	12.0	14.0
3250740	113AN(A,W)042−C	CNPV*4221A**	315(A,J)AV060110	40,500	11.5	14.0
3250697	113AN(A,W)042−C	CNPV*4221A**	353AAV060100	40,500	11.7	14.0
3250739	113AN(A,W)042−C	CNPV*4221A**	355(A,C)AV042080	40,000	11.2	13.5
3250738	113AN(A,W)042−C	CNPV*4221A**+TDR		41,000	11.0	13.0
3250663	113AN(A,W)042−C	CNPV*4821A**	313*AV048090	41,000	12.0	14.0
3250664	113AN(A,W)042−C	CNPV*4821A**	313*AV060110	41,000	12.0	14.0
3250743	113AN(A,W)042−C	CNPV*4821A**	315(A,J)AV060110	41,000	11.5	14.0
3250742	113AN(A,W)042−C	CNPV*4821A**	355(A,C)AV042080	40,500	11.2	13.5
3250741	113AN(A,W)042−C	CNPV*4821A**+TDR		41,500	11.0	13.2
3250665	113AN(A,W)042−C	CNPV*4824A**	313*AV060135	41,000	12.0	14.0
3250746	113AN(A,W)042−C	CNPV*4824A**	315(A,J)AV066135	41,000	11.7	14.0
3250699	113AN(A,W)042−C	CNPV*4824A**	353AAV060120	41,000	12.0	14.0
3250745	113AN(A,W)042−C	CNPV*4824A**	355(A,C)AV042040	41,000	11.2	13.5
3250744	113AN(A,W)042−C	CNPV*4824A**+TDR		41,500	11.0	13.2
3250674	113AN(A,W)042−C	CSPH*4212A**	313*AV048070	40,500	11.5	13.5
3250677	113AN(A,W)042−C	CSPH*4212A**	313*AV060135	40,500	12.0	14.0
3250756	113AN(A,W)042−C	CSPH*4212A**	315(A,J)AV036070	40,500	11.2	13.5
3250712	113AN(A,W)042−C	CSPH*4212A**	353AAV036040	41,000	11.7	14.0
3250713	113AN(A,W)042−C	CSPH*4212A**	353AAV036060	41,000	11.7	14.0
3250714	113AN(A,W)042−C	CSPH*4212A**	353AAV036080	41,000	11.7	14.0
3250715	113AN(A,W)042−C	CSPH*4212A**	353AAV048080	41,000	11.7	14.0
3250716	113AN(A,W)042−C	CSPH*4212A**	353AAV060100	41,000	12.0	14.0
3250717	113AN(A,W)042−C	CSPH*4212A**	353AAV060120	41,000	12.0	14.0
3250755	113AN(A,W)042−C	CSPH*4212A**	355(A,C)AV042040	40,000	11.2	13.5
3250754	113AN(A,W)042−C	CSPH*4212A**+TDR		41,000	11.0	13.2
3250678	113AN(A,W)042−C	CSPH*4812A**	313*AV048070	41,000	11.2	13.5
3250679	113AN(A,W)042−C	CSPH*4812A**	313*AV048090	41,000	12.0	14.0
3250681	113AN(A,W)042−C	CSPH*4812A**	313*AV060135	41,000	12.0	14.0
3250759	113AN(A,W)042−C	CSPH*4812A**	315(A,J)AV036070	41,000	11.2	13.5
3250718	113AN(A,W)042−C	CSPH*4812A**	353AAV036040	41,000	11.7	14.0
3250719	113AN(A,W)042−C	CSPH*4812A**	353AAV036060	41,000	11.7	14.0
3250720	113AN(A,W)042−C	CSPH*4812A**	353AAV036080	41,000	11.7	14.0
3250721	113AN(A,W)042−C	CSPH*4812A**	353AAV048080	41,000	11.7	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3250722	113AN(A,W)042−C	CSPH*4812A**	353AAV060100	41,000	12.0	14.0
3250723	113AN(A,W)042−C	CSPH*4812A**	353AAV060120	41,000	12.0	14.0
3250757	113AN(A,W)042−C	CSPH*4812A**+TDR		41,500	11.0	13.2
3250764	113AN(A,W)042−C	FV4BN(B,F)003		40,500	11.5	14.0
3250765	113AN(A,W)042−C	FV4BN(B,F)005		41,500	11.7	14.0
3250766	113AN(A,W)042−C	FV4BNB006		42,500	12.0	14.0
3404674	113AN(A,W)042−C	FV4CNB006		42,500	12.0	14.0
3250762	113AN(A,W)042−C	FX4CN(B,F)042		41,500	11.2	13.5
3250760	113AN(A,W)042−C	FY4ANF042		41,000	11.0	13.0
3250761	113AN(A,W)042−C	FY4ANF048		42,000	11.0	13.2
3492546	113APA042−C	†CAP**4221A**+TDR		41,000	11.0	13.0
3492561	113APA042−C	CAP**4221A**	313*AV060110	40,500	12.0	14.0
3492589	113APA042−C	CAP**4224A**	353AAV060120	40,500	12.0	14.0
3492548	113APA042−C	CAP**4224A**+TDR		41,000	11.0	13.0
3492563	113APA042−C	CAP**4817A**	313*AV048070	39,500	11.2	13.5
3492549	113APA042−C	CAP**4817A**+TDR		40,500	11.0	13.2
3492594	113APA042−C	CAP**4821A**	353AAV060100	41,000	12.0	14.0
3492550	113APA042−C	CAP**4821A**+TDR		41,500	11.0	13.2
3492551	113APA042−C	CAP**4824A**+TDR		41,500	11.0	13.2
3492557	113APA042−C	CNPF*4818A**+TDR		41,500	11.0	13.2
3492572	113APA042−C	CNPH*4221A**	313*AV048070	40,000	11.2	13.2
3492574	113APA042−C	CNPH*4221A**	313*AV060110	40,500	12.0	14.0
3492609	113APA042−C	CNPH*4221A**	353AAV060100	40,500	11.7	14.0
3492555	113APA042−C	CNPH*4221A**+TDR		41,000	11.0	13.0
3492556	113APA042−C	CNPH*4821A**+TDR		41,500	11.0	13.2
3492600	113APA042−C	CNPV*4217A**	353AAV036080	41,000	11.7	14.0
3492547	113APA042−C	CNPV*4217A**+TDR		41,000	11.0	13.0
3492568	113APA042−C	CNPV*4221A**	313*AV060110	40,500	12.0	14.0
3492552	113APA042−C	CNPV*4221A**+TDR		41,000	11.0	13.0
3492570	113APA042−C	CNPV*4821A**	313*AV060110	41,000	12.0	14.0
3492553	113APA042−C	CNPV*4821A**+TDR		41,500	11.0	13.2
3492643	113APA042−C	CNPV*4824A**	355AAV042040	41,000	11.2	13.5
3492554	113APA042−C	CNPV*4824A**+TDR		41,500	11.0	13.2
3492583	113APA042−C	CSPH*4212A**	313*AV060135	40,500	12.0	14.0
3492558	113APA042−C	CSPH*4212A**+TDR		41,000	11.0	13.2
3492585	113APA042−C	CSPH*4812A**	313*AV048090	41,000	12.0	14.0
3492624	113APA042−C	CSPH*4812A**	353AAV036060	41,000	11.7	14.0
3492626	113APA042−C	CSPH*4812A**	353AAV048080	41,000	11.7	14.0
3492651	113APA042−C	CSPH*4812A**	355AAV042040	41,000	11.2	13.5
3492559	113APA042−C	CSPH*4812A**+TDR		41,500	11.0	13.2
3492660	113APA042−C	FV4CN(B,F)005		41,500	11.7	14.0
3492654	113APA042−C	FY4ANF048		42,000	11.0	13.2
3492976	113AEA042−C	†CAP**4221A**+TDR		41,000	11.0	13.0
3493061	113AEA042−C	CAP**4224A**	355AAV042040	40,000	11.2	13.5
3492978	113AEA042−C	CAP**4224A**+TDR		41,000	11.0	13.0
3493064	113AEA042−C	CAP**4817A**	315(A,J)AV048090	40,000	11.5	14.0
3493022	113AEA042−C	CAP**4817A**	353AAV036080	41,000	11.7	14.0
3492979	113AEA042−C	CAP**4817A**+TDR		40,500	11.0	13.2
3492980	113AEA042−C	CAP**4821A**+TDR		41,500	11.0	13.2
3492981	113AEA042−C	CAP**4824A**+TDR		41,500	11.0	13.2
3492987	113AEA042−C	CNPF*4818A**+TDR		41,500	11.0	13.2
3493002	113AEA042−C	CNPH*4221A**	313*AV048070	40,000	11.2	13.2
3493036	113AEA042−C	CNPH*4221A**	353AAV036060	40,500	11.5	13.5
3492985	113AEA042−C	CNPH*4221A**+TDR		41,000	11.0	13.0
3493008	113AEA042−C	CNPH*4821A**	313*AV060110	41,000	12.0	14.0
3493009	113AEA042−C	CNPH*4821A**	313*AV060135	41,000	12.0	14.0
3493045	113AEA042−C	CNPH*4821A**	353AAV060100	41,000	12.0	14.0
3492986	113AEA042−C	CNPH*4821A**+TDR		41,500	11.0	13.2
3492977	113AEA042−C	CNPV*4217A**+TDR		41,000	11.0	13.0
3492982	113AEA042−C	CNPV*4221A**+TDR		41,000	11.0	13.0
3493072	113AEA042−C	CNPV*4821A**	315(A,J)AV060110	41,000	11.5	14.0
3492983	113AEA042−C	CNPV*4821A**+TDR		41,500	11.0	13.2
3493001	113AEA042−C	CNPV*4824A**	313*AV060135	41,000	12.0	14.0
3492984	113AEA042−C	CNPV*4824A**+TDR		41,500	11.0	13.2
3493013	113AEA042−C	CSPH*4212A**	313*AV060135	40,500	12.0	14.0
3493080	113AEA042−C	CSPH*4212A**	315(A,J)AV036070	40,500	11.2	13.5
3492988	113AEA042−C	CSPH*4212A**+TDR		41,000	11.0	13.2
3493014	113AEA042−C	CSPH*4812A**	313*AV048070	41,000	11.2	13.5
3493017	113AEA042−C	CSPH*4812A**	313*AV060135	41,000	12.0	14.0
3492989	113AEA042−C	CSPH*4812A**+TDR		41,500	11.0	13.2
3250767	113AN(A,W)048−E	†CAP**4821A**+TDR		46,000	11.0	13.2
3250769	113AN(A,W)048−E	CAP**4817A**	315(A,J)AV048090	45,000	11.5	13.5
3250860	113AN(A,W)048−E	CAP**4817A**	353AAV048080	45,000	11.0	13.5
3250768	113AN(A,W)048−E	CAP**4817A**+TDR		45,000	11.0	13.2
3250773	113AN(A,W)048−E	CAP**4821A**	313*AV048090	45,000	11.7	13.5
3250774	113AN(A,W)048−E	CAP**4821A**	313*AV060110	45,000	11.7	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3250772	113AN(A,W)048−E	CAP**4821A**	315(A,J)AV060110	45,000	11.7	13.5
3250861	113AN(A,W)048−E	CAP**4821A**	353AAV060100	45,000	11.7	14.0
3250770	113AN(A,W)048−E	CAP**4821A**	355(A,C)AV060080	44,500	11.5	13.5
3250771	113AN(A,W)048−E	CAP**4821A**	355(A,C)AV060100	45,000	11.2	13.5
3250779	113AN(A,W)048−E	CAP**4824A**	313*AV060135	45,500	11.7	13.5
3250777	113AN(A,W)048−E	CAP**4824A**	315(A,J)AV066135	45,000	11.7	14.0
3250778	113AN(A,W)048−E	CAP**4824A**	315(A,J)AV066155	45,000	12.0	14.0
3250862	113AN(A,W)048−E	CAP**4824A**	353AAV060120	45,000	11.7	14.0
3250776	113AN(A,W)048−E	CAP**4824A**	355(A,C)AV060120	45,000	11.5	13.5
3250775	113AN(A,W)048−E	CAP**4824A**+TDR		45,500	11.0	13.2
3250785	113AN(A,W)048−E	CAP**6021A**	313*AV060110	46,000	12.0	14.0
3250863	113AN(A,W)048−E	CAP**6021A**	353AAV060100	45,000	12.0	14.0
3250782	113AN(A,W)048−E	CAP**6021A**	355(A,C)AV060100	46,000	11.7	13.5
3250780	113AN(A,W)048−E	CAP**6021A**+TDR		46,000	11.2	13.2
3250790	113AN(A,W)048−E	CAP**6024A**	313*AV060135	46,000	12.0	14.0
3250788	113AN(A,W)048−E	CAP**6024A**	315(A,J)AV066135	46,000	12.0	14.0
3250789	113AN(A,W)048−E	CAP**6024A**	315(A,J)AV066155	46,000	12.2	14.5
3250787	113AN(A,W)048−E	CAP**6024A**	355(A,C)AV060120	46,000	11.7	14.0
3250786	113AN(A,W)048−E	CAP**6024A**+TDR		46,500	11.2	13.2
3250829	113AN(A,W)048−E	CNPF*4818A**+TDR		45,000	11.0	13.2
3250815	113AN(A,W)048−E	CNPH*4821A**	313*AV048090	45,000	11.7	13.5
3250816	113AN(A,W)048−E	CNPH*4821A**	313*AV060110	45,000	11.7	14.0
3250817	113AN(A,W)048−E	CNPH*4821A**	313*AV060135	45,500	11.7	13.5
3250811	113AN(A,W)048−E	CNPH*4821A**	315(A,J)AV048090	45,000	11.7	13.5
3250812	113AN(A,W)048−E	CNPH*4821A**	315(A,J)AV060110	45,000	11.7	13.5
3250813	113AN(A,W)048−E	CNPH*4821A**	315(A,J)AV066135	45,000	11.7	14.0
3250814	113AN(A,W)048−E	CNPH*4821A**	315(A,J)AV066155	45,500	12.0	14.0
3250868	113AN(A,W)048−E	CNPH*4821A**	353AAV048080	45,000	11.5	13.5
3250869	113AN(A,W)048−E	CNPH*4821A**	353AAV060100	45,000	11.7	14.0
3250870	113AN(A,W)048−E	CNPH*4821A**	353AAV060120	45,000	11.7	14.0
3250808	113AN(A,W)048−E	CNPH*4821A**	355(A,C)AV060080	44,500	11.5	13.5
3250809	113AN(A,W)048−E	CNPH*4821A**	355(A,C)AV060100	45,000	11.2	13.5
3250807	113AN(A,W)048−E	CNPH*4821A**+TDR		45,500	11.0	13.2
3250826	113AN(A,W)048−E	CNPH*6024A**	313*AV048090	46,000	11.7	14.0
3250827	113AN(A,W)048−E	CNPH*6024A**	313*AV060110	46,000	12.0	14.0
3250828	113AN(A,W)048−E	CNPH*6024A**	313*AV060135	46,000	12.0	14.0
3250822	113AN(A,W)048−E	CNPH*6024A**	315(A,J)AV048090	46,000	11.7	14.0
3250824	113AN(A,W)048−E	CNPH*6024A**	315(A,J)AV066135	46,000	12.0	14.0
3250825	113AN(A,W)048−E	CNPH*6024A**	315(A,J)AV066155	46,000	12.2	14.5
3250871	113AN(A,W)048−E	CNPH*6024A**	353AAV048080	45,000	11.5	13.5
3250872	113AN(A,W)048−E	CNPH*6024A**	353AAV060100	45,000	12.0	14.0
3250873	113AN(A,W)048−E	CNPH*6024A**	353AAV060120	45,000	12.0	14.0
3250819	113AN(A,W)048−E	CNPH*6024A**	355(A,C)AV060080	45,500	11.7	13.5
3250820	113AN(A,W)048−E	CNPH*6024A**	355(A,C)AV060100	46,000	11.7	13.5
3250821	113AN(A,W)048−E	CNPH*6024A**	355(A,C)AV060120	46,000	11.7	14.0
3250818	113AN(A,W)048−E	CNPH*6024A**+TDR		46,500	11.2	13.2
3250795	113AN(A,W)048−E	CNPV*4821A**	313*AV048090	45,000	11.7	13.5
3250796	113AN(A,W)048−E	CNPV*4821A**	313*AV060110	45,000	11.7	14.0
3250794	113AN(A,W)048−E	CNPV*4821A**	315(A,J)AV060110	45,000	11.7	13.5
3250865	113AN(A,W)048−E	CNPV*4821A**	353AAV060100	45,000	11.7	14.0
3250792	113AN(A,W)048−E	CNPV*4821A**	355(A,C)AV060080	44,500	11.5	13.5
3250793	113AN(A,W)048−E	CNPV*4821A**	355(A,C)AV060100	45,000	11.2	13.5
3250791	113AN(A,W)048−E	CNPV*4821A**+TDR		45,500	11.0	13.2
3250801	113AN(A,W)048−E	CNPV*4824A**	313*AV060135	45,500	11.7	13.5
3250799	113AN(A,W)048−E	CNPV*4824A**	315(A,J)AV066135	45,000	11.7	14.0
3250800	113AN(A,W)048−E	CNPV*4824A**	315(A,J)AV066155	45,000	12.0	14.0
3250866	113AN(A,W)048−E	CNPV*4824A**	353AAV060120	45,000	11.7	14.0
3250798	113AN(A,W)048−E	CNPV*4824A**	355(A,C)AV060120	45,000	11.5	13.5
3250797	113AN(A,W)048−E	CNPV*4824A**+TDR		45,500	11.0	13.2
3250806	113AN(A,W)048−E	CNPV*6024A**	313*AV060135	46,000	12.0	14.0
3250804	113AN(A,W)048−E	CNPV*6024A**	315(A,J)AV066135	46,000	12.0	14.0
3250805	113AN(A,W)048−E	CNPV*6024A**	315(A,J)AV066155	46,000	12.2	14.5
3250867	113AN(A,W)048−E	CNPV*6024A**	353AAV060120	45,000	12.0	14.0
3250803	113AN(A,W)048−E	CNPV*6024A**	355(A,C)AV060120	46,000	11.7	14.0
3250802	113AN(A,W)048−E	CNPV*6024A**+TDR		46,500	11.2	13.2
3250838	113AN(A,W)048−E	CSPH*4812A**	313*AV048090	45,000	11.7	13.5
3250839	113AN(A,W)048−E	CSPH*4812A**	313*AV060110	45,000	11.7	14.0
3250834	113AN(A,W)048−E	CSPH*4812A**	315(A,J)AV048090	45,500	11.7	13.5
3250835	113AN(A,W)048−E	CSPH*4812A**	315(A,J)AV060110	45,000	11.7	13.5
3250874	113AN(A,W)048−E	CSPH*4812A**	353AAV048080	45,000	11.5	13.5
3250875	113AN(A,W)048−E	CSPH*4812A**	353AAV060100	45,000	11.7	14.0
3250876	113AN(A,W)048−E	CSPH*4812A**	353AAV060120	45,000	11.7	14.0
3250831	113AN(A,W)048−E	CSPH*4812A**	355(A,C)AV060080	44,500	11.5	13.5
3250832	113AN(A,W)048−E	CSPH*4812A**	355(A,C)AV060100	45,000	11.2	13.5
3250833	113AN(A,W)048−E	CSPH*4812A**	355(A,C)AV060120	45,000	11.5	13.5
3250830	113AN(A,W)048−E	CSPH*4812A**+TDR		46,000	11.0	13.2
3250849	113AN(A,W)048−E	CSPH*6012A**	313*AV048090	46,000	12.0	14.0
3250850	113AN(A,W)048−E	CSPH*6012A**	313*AV060110	46,000	12.0	14.0
3250851	113AN(A,W)048−E	CSPH*6012A**	313*AV060135	46,000	12.0	14.0

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AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3250845	113AN(A,W)048−E	CSPH*6012A**	315(A,J)AV048090	46,000	12.0	14.0
3250846	113AN(A,W)048−E	CSPH*6012A**	315(A,J)AV060110	46,000	12.0	14.0
3250848	113AN(A,W)048−E	CSPH*6012A**	315(A,J)AV066155	46,000	12.2	14.5
3250877	113AN(A,W)048−E	CSPH*6012A**	353AAV048080	45,000	11.7	14.0
3250878	113AN(A,W)048−E	CSPH*6012A**	353AAV060100	45,000	12.0	14.0
3250879	113AN(A,W)048−E	CSPH*6012A**	353AAV060120	45,000	12.0	14.0
3250842	113AN(A,W)048−E	CSPH*6012A**	355(A,C)AV060080	45,500	11.7	13.5
3250841	113AN(A,W)048−E	CSPH*6012A**+TDR		46,500	11.2	13.2
3250856	113AN(A,W)048−E	FE4AN(B,F)005+UI		46,000	12.0	14.0
3250858	113AN(A,W)048−E	FV4BN(B,F)005		46,000	12.0	14.0
3250859	113AN(A,W)048−E	FV4BNB006		46,500	12.2	14.5
3250854	113AN(A,W)048−E	FX4CN(B,F)048		46,000	12.0	14.0
3250855	113AN(A,W)048−E	FX4CN(B,F)060		47,500	12.0	14.0
3250853	113AN(A,W)048−E	FY4ANB060		46,500	11.2	13.2
3492663	113APA048−E	†CAP**4821A**+TDR		46,000	11.0	13.2
3492664	113APA048−E	CAP**4817A**+TDR		45,000	11.0	13.2
3492665	113APA048−E	CAP**4824A**+TDR		45,500	11.0	13.2
3492688	113APA048−E	CAP**6021A**	315(A,J)AV060110	46,000	12.0	14.0
3492666	113APA048−E	CAP**6021A**+TDR		46,000	11.2	13.2
3492692	113APA048−E	CAP**6024A**	315(A,J)AV066135	46,000	12.0	14.0
3492667	113APA048−E	CAP**6024A**+TDR		46,500	11.2	13.2
3492673	113APA048−E	CNPF*4818A**+TDR		45,000	11.0	13.2
3492713	113APA048−E	CNPH*4821A**	315(A,J)AV066135	45,000	11.7	14.0
3492708	113APA048−E	CNPH*4821A**	355(A,C)AV060080	44,500	11.5	13.5
3492671	113APA048−E	CNPH*4821A**+TDR		45,500	11.0	13.2
3492727	113APA048−E	CNPH*6024A**	313*AV060135	46,000	12.0	14.0
3492672	113APA048−E	CNPH*6024A**+TDR		46,500	11.2	13.2
3492699	113APA048−E	CNPV*4821A**	313*AV060110	45,000	11.7	14.0
3492668	113APA048−E	CNPV*4821A**+TDR		45,500	11.0	13.2
3492762	113APA048−E	CNPV*4824A**	353AAV060120	45,000	11.7	14.0
3492669	113APA048−E	CNPV*4824A**+TDR		45,500	11.0	13.2
3492763	113APA048−E	CNPV*6024A**	353AAV060120	45,000	12.0	14.0
3492670	113APA048−E	CNPV*6024A**+TDR		46,500	11.2	13.2
3492733	113APA048−E	CSPH*4812A**	315(A,J)AV066135	45,000	11.7	14.0
3492728	113APA048−E	CSPH*4812A**	355(A,C)AV060080	44,500	11.5	13.5
3492674	113APA048−E	CSPH*4812A**+TDR		46,000	11.0	13.2
3492745	113APA048−E	CSPH*6012A**	313*AV048090	46,000	12.0	14.0
3492739	113APA048−E	CSPH*6012A**	355(A,C)AV060100	46,000	11.7	13.5
3492740	113APA048−E	CSPH*6012A**	355(A,C)AV060120	46,000	11.7	14.0
3492675	113APA048−E	CSPH*6012A**+TDR		46,500	11.2	13.2
3492776	113APA048−E	FV4CN(B,F)005		46,000	12.0	14.0
3492751	113APA048−E	FX4CN(B,F)060		47,500	12.0	14.0
3493093	113AEA048−E	†CAP**4821A**+TDR		46,000	11.0	13.2
3493094	113AEA048−E	CAP**4817A**+TDR		45,000	11.0	13.2
3493113	113AEA048−E	CAP**4824A**	315(A,J)AV066135	45,000	11.7	14.0
3493095	113AEA048−E	CAP**4824A**+TDR		45,500	11.0	13.2
3493119	113AEA048−E	CAP**6021A**	313*AV048090	46,000	12.0	14.0
3493096	113AEA048−E	CAP**6021A**+TDR		46,000	11.2	13.2
3493097	113AEA048−E	CAP**6024A**+TDR		46,500	11.2	13.2
3493103	113AEA048−E	CNPF*4818A**+TDR		45,000	11.0	13.2
3493147	113AEA048−E	CNPH*4821A**	313*AV060135	45,500	11.7	13.5
3493101	113AEA048−E	CNPH*4821A**+TDR		45,500	11.0	13.2
3493148	113AEA048−E	CNPH*6024A**	355(A,C)AV060080	45,500	11.7	13.5
3493102	113AEA048−E	CNPH*6024A**+TDR		46,500	11.2	13.2
3493098	113AEA048−E	CNPV*4821A**+TDR		45,500	11.0	13.2
3493131	113AEA048−E	CNPV*4824A**	315(A,J)AV066135	45,000	11.7	14.0
3493132	113AEA048−E	CNPV*4824A**	315(A,J)AV066155	45,000	12.0	14.0
3493099	113AEA048−E	CNPV*4824A**+TDR		45,500	11.0	13.2
3493100	113AEA048−E	CNPV*6024A**+TDR		46,500	11.2	13.2
3493165	113AEA048−E	CSPH*4812A**	313*AV048090	45,000	11.7	13.5
3493202	113AEA048−E	CSPH*4812A**	353AAV060120	45,000	11.7	14.0
3493104	113AEA048−E	CSPH*4812A**+TDR		46,000	11.0	13.2
3493205	113AEA048−E	CSPH*6012A**	353AAV060120	45,000	12.0	14.0
3493168	113AEA048−E	CSPH*6012A**	355(A,C)AV060080	45,500	11.7	13.5
3493105	113AEA048−E	CSPH*6012A**+TDR		46,500	11.2	13.2
3493180	113AEA048−E	FX4CN(B,F)048		46,000	12.0	14.0
3285462	113AN(A,W)060−G	†CAP**6024A**+TDR		57,500	11.0	13.0
3285471	113AN(A,W)060−G	CAP**6021A**	313*AV060110	56,500	11.2	13.2
3285463	113AN(A,W)060−G	CAP**6021A**	353AAV060100	56,500	11.0	13.2
3285470	113AN(A,W)060−G	CAP**6021A**+TDR		56,500	11.0	13.0
3285464	113AN(A,W)060−G	CAP**6024A**	353AAV060120	56,500	11.0	13.2
3285480	113AN(A,W)060−G	CNPH*6024A**	313*AV060110	56,500	11.2	13.2
3285478	113AN(A,W)060−G	CNPH*6024A**	315(A,J)AV066135	56,500	11.2	13.2
3285479	113AN(A,W)060−G	CNPH*6024A**	315(A,J)AV066155	57,000	11.2	13.2
3285466	113AN(A,W)060−G	CNPH*6024A**	353AAV060100	56,500	11.0	13.2
3285467	113AN(A,W)060−G	CNPH*6024A**	353AAV060120	56,500	11.0	13.2

See notes on page 24

AHRI COMBINATION RATINGS* CONTINUED

AHRI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EERA	SEER
3285477	113AN(A,W)060−G	CNPH*6024A**+TDR		57,000	11.0	13.0
3285476	113AN(A,W)060−G	CNPV*6024A**	315(A,J)AV066155	57,000	11.2	13.2
3285465	113AN(A,W)060−G	CNPV*6024A**	353AAV060120	56,500	11.0	13.2
3285474	113AN(A,W)060−G	CNPV*6024A**+TDR		57,000	11.0	13.0
3285484	113AN(A,W)060−G	CSPH*6012A**	313*AV060110	56,500	11.2	13.2
3285482	113AN(A,W)060−G	CSPH*6012A**	315(A,J)AV066135	56,500	11.2	13.2
3285483	113AN(A,W)060−G	CSPH*6012A**	315(A,J)AV066155	56,500	11.2	13.2
3285468	113AN(A,W)060−G	CSPH*6012A**	353AAV060100	56,500	11.0	13.2
3285469	113AN(A,W)060−G	CSPH*6012A**	353AAV060120	56,500	11.0	13.2
3285481	113AN(A,W)060−G	CSPH*6012A**+TDR		57,500	11.0	13.0
3285487	113AN(A,W)060−G	FE4ANB006+UI		57,500	11.5	13.5
3285488	113AN(A,W)060−G	FV4BNB006		57,500	11.5	13.5
3285486	113AN(A,W)060−G	FX4CN(B,F)060		57,500	11.2	13.2
3492778	113APA060−G	†CAP**6024A**+TDR		57,500	11.0	13.0
3492790	113APA060−G	CAP**6021A**	313*AV060110	56,500	11.2	13.2
3492783	113APA060−G	CAP**6021A**	353AAV060100	56,500	11.0	13.2
3492779	113APA060−G	CAP**6021A**+TDR		56,500	11.0	13.0
3492791	113APA060−G	CAP**6024A**	315(A,J)AV066135	56,500	11.0	13.2
3492792	113APA060−G	CAP**6024A**	315(A,J)AV066155	57,000	11.2	13.2
3492784	113APA060−G	CAP**6024A**	353AAV060120	56,500	11.0	13.2
3492797	113APA060−G	CNPH*6024A**	313*AV060110	56,500	11.2	13.2
3492795	113APA060−G	CNPH*6024A**	315(A,J)AV066135	56,500	11.2	13.2
3492796	113APA060−G	CNPH*6024A**	315(A,J)AV066155	57,000	11.2	13.2
3492786	113APA060−G	CNPH*6024A**	353AAV060100	56,500	11.0	13.2
3492787	113APA060−G	CNPH*6024A**	353AAV060120	56,500	11.0	13.2
3492781	113APA060−G	CNPH*6024A**+TDR		57,000	11.0	13.0
3492793	113APA060−G	CNPV*6024A**	315(A,J)AV066135	56,500	11.2	13.2
3492794	113APA060−G	CNPV*6024A**	315(A,J)AV066155	57,000	11.2	13.2
3492785	113APA060−G	CNPV*6024A**	353AAV060120	56,500	11.0	13.2
3492780	113APA060−G	CNPV*6024A**+TDR		57,000	11.0	13.0
3492800	113APA060−G	CSPH*6012A**	313*AV060110	56,500	11.2	13.2
3492801	113APA060−G	CSPH*6012A**	313*AV060135	56,500	11.2	13.2
3492798	113APA060−G	CSPH*6012A**	315(A,J)AV066135	56,500	11.2	13.2
3492799	113APA060−G	CSPH*6012A**	315(A,J)AV066155	56,500	11.2	13.2
3492788	113APA060−G	CSPH*6012A**	353AAV060100	56,500	11.0	13.2
3492789	113APA060−G	CSPH*6012A**	353AAV060120	56,500	11.0	13.2
3492782	113APA060−G	CSPH*6012A**+TDR		57,500	11.0	13.0
3492803	113APA060−G	FE4ANB006+UI		57,500	11.5	13.5
3492804	113APA060−G	FV4BNB006		57,500	11.5	13.5
3492802	113APA060−G	FX4CN(B,F)060		57,500	11.2	13.2
3493208	113AEA060−G	†CAP**6024A**+TDR		57,500	11.0	13.0
3493209	113AEA060−G	CAP**6021A**+TDR		56,500	11.0	13.0
3493210	113AEA060−G	CNPV*6024A**+TDR		57,000	11.0	13.0
3493211	113AEA060−G	CNPH*6024A**+TDR		57,000	11.0	13.0
3493212	113AEA060−G	CSPH*6012A**+TDR		57,500	11.0	13.0
3493213	113AEA060−G	CAP**6021A**	353AAV060100	56,500	11.0	13.2
3493214	113AEA060−G	CAP**6024A**	353AAV060120	56,500	11.0	13.2
3493215	113AEA060−G	CNPV*6024A**	353AAV060120	56,500	11.0	13.2
3493216	113AEA060−G	CNPH*6024A**	353AAV060100	56,500	11.0	13.2
3493217	113AEA060−G	CNPH*6024A**	353AAV060120	56,500	11.0	13.2
3493218	113AEA060−G	CSPH*6012A**	353AAV060100	56,500	11.0	13.2
3493219	113AEA060−G	CSPH*6012A**	353AAV060120	56,500	11.0	13.2
3493220	113AEA060−G	CAP**6021A**	313*AV060110	56,500	11.2	13.2
3493221	113AEA060−G	CAP**6024A**	315(A,J)AV066135	56,500	11.0	13.2
3493222	113AEA060−G	CAP**6024A**	315(A,J)AV066155	57,000	11.2	13.2
3493225	113AEA060−G	CNPH*6024A**	315(A,J)AV066135	56,500	11.2	13.2
3493226	113AEA060−G	CNPH*6024A**	315(A,J)AV066155	57,000	11.2	13.2
3493227	113AEA060−G	CNPH*6024A**	313*AV060110	56,500	11.2	13.2
3493228	113AEA060−G	CSPH*6012A**	315(A,J)AV066135	56,500	11.2	13.2
3493229	113AEA060−G	CSPH*6012A**	315(A,J)AV066155	56,500	11.2	13.2
3493230	113AEA060−G	CSPH*6012A**	313*AV060110	56,500	11.2	13.2
3493231	113AEA060−G	CSPH*6012A**	313*AV060135	56,500	11.2	13.2
3493232	113AEA060−G	FX4CN(B,F)060		57,500	11.2	13.2
3493233	113AEA060−G	FE4ANB006+UI		57,500	11.5	13.5
3493234	113AEA060−G	FV4BNB006		57,500	11.5	13.5

***** AHRI = Air Conditioning, Heating & Refrigeration Institute

† Tested combination

EERA —Energy Efficiency Ratio − 'A' conditions − 80°F (26.6°C) indoor db/67°F (19.4°C) indoor wb & 95°F (35°C) outdoor wb.

SEER —Seasonal Energy Efficiency Ratio

TDR — Time−Delay Relay. In most cases, only one method should be used to achieve TDR function. Using more than one 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.

UI — User Interface

NOTES:

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

DETAILED COOLING CAPACITIES#

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
113A*(A,W)018–D Outdoor Section With CAP**1814A** Indoor Section																			
525	72 (22.2)	20.79	10.51	1.27	19.89	10.18	1.42	18.93	9.83	1.58	17.94	9.47	1.77	16.87	9.09	1.97	15.67	8.67	2.20
	67 (19.4)	19.09	12.93	1.27	18.24	12.58	1.42	17.33	12.21	1.59	16.39	11.84	1.77	15.37	11.44	1.98	14.26	11.01	2.20
	63 (17.2)††	17.84	12.55	1.27	17.02	12.19	1.42	16.15	11.82	1.59	15.24	11.43	1.78	14.26	11.02	1.98	13.22	10.58	2.20
	62 (16.7)	17.53	15.32	1.27	16.74	14.95	1.42	15.91	14.57	1.59	15.04	14.16	1.78	14.17	14.17	1.98	13.33	13.33	2.20
	57 (13.9)	17.00	17.00	1.27	16.36	16.36	1.42	15.67	15.67	1.59	14.95	14.95	1.78	14.18	14.18	1.98	13.33	13.33	2.20
600	72 (22.2)	21.12	11.01	1.29	20.19	10.67	1.44	19.19	10.32	1.61	18.18	9.96	1.80	17.07	9.57	2.00	15.84	9.15	2.22
	67 (19.4)	19.42	13.74	1.29	18.54	13.39	1.45	17.60	13.02	1.61	16.63	12.65	1.80	15.59	12.24	2.00	14.44	11.80	2.23
	63 (17.2)††	18.17	13.32	1.30	17.32	12.96	1.45	16.43	12.58	1.62	15.49	12.19	1.80	14.48	11.77	2.01	13.40	11.33	2.23
	62 (16.7)	17.93	16.44	1.30	17.12	16.06	1.45	16.30	16.21	1.62	15.53	15.53	1.80	14.71	14.71	2.01	13.81	13.81	2.23
	57 (13.9)	17.70	17.70	1.30	17.02	17.02	1.45	16.29	16.29	1.62	15.53	15.53	1.80	14.71	14.71	2.01	13.81	13.81	2.23
675	72 (22.2)	21.35	11.48	1.32	20.39	11.14	1.47	19.37	10.79	1.64	18.34	10.43	1.83	17.20	10.04	2.03	15.94	9.61	2.25
	67 (19.4)	19.66	14.52	1.32	18.76	14.17	1.47	17.79	13.80	1.64	16.81	13.42	1.83	15.74	13.01	2.03	14.58	12.56	2.25
	63 (17.2)††	18.41	14.06	1.32	17.55	13.70	1.48	16.63	13.31	1.64	15.67	12.92	1.83	14.64	12.49	2.03	13.54	12.03	2.26
	62 (16.7)	18.28	18.11	1.32	17.55	17.55	1.48	16.79	16.79	1.64	15.99	15.99	1.83	15.13	15.13	2.03	14.18	14.18	2.25
	57 (13.9)	18.26	18.26	1.32	17.55	17.55	1.48	16.79	16.79	1.64	15.99	15.99	1.83	15.13	15.13	2.03	14.18	14.18	2.25

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**1814A**	1.00	1.00	
CAP**2414A**	1.02	1.01	
CAP**2417A**	1.02	1.01	
CNPF*2418A**	1.02	1.01	
CNPH*2417A**	1.02	1.01	
CNPV*1814A**	1.00	1.00	
CNPV*2414A**	1.02	1.01	
CNPV*2417A**	1.02	1.01	
CSPH*2412A**	1.02	1.01	
FE4ANF002	0.98	0.88	
FF1ENP018	0.99	0.99	
FF1ENP024	0.99	0.99	
FV4BNF002	0.98	0.88	
FX4CNF018	1.02	0.93	
FX4CNF024	1.02	0.91	
FY4ANF018	1.01	1.01	
FY4ANF024	1.02	1.02	
CAP**1814A**	0.99	0.90	315(A,J)AV036070
CAP**2414A**	1.01	0.90	315(A,J)AV036070
CNPH*2417A**	1.01	0.90	315(A,J)AV036070
CNPV*1814A**	0.99	0.90	315(A,J)AV036070
CNPV*2414A**	1.01	0.90	315(A,J)AV036070
CSPH*2412A**	1.02	0.91	315(A,J)AV036070
CAP**2417A**	1.01	0.90	315(A,J)AV048090
CNPH*2417A**	1.01	0.90	315(A,J)AV048090
CNPV*2417A**	1.01	0.90	315(A,J)AV048090
CSPH*2412A**	1.02	0.91	315(A,J)AV048090
CAP**2417A**	1.02	0.89	353AAV036040
CNPH*2417A**	1.02	0.91	353AAV036040
CNPV*2417A**	1.02	0.91	353AAV036040
CSPH*2412A**	1.02	0.91	353AAV036040
CAP**2417A**	1.02	0.89	353AAV036060
CNPH*2417A**	1.02	0.91	353AAV036060
CNPV*2417A**	1.02	0.91	353AAV036060
CSPH*2412A**	1.02	0.91	353AAV036060
CAP**2417A**	1.01	0.90	355(A,C)AV042060
CNPH*2417A**	1.01	0.90	355(A,C)AV042060

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*2417A**	1.01	0.90	355(A,C)AV042060
CSPH*2412A**	1.02	0.91	355(A,C)AV042060
CNPH*2417A**	1.01	0.90	355(A,C)AV042080
CSPH*2412A**	1.02	0.91	355(A,C)AV042080
CNPH*2417A**	1.01	0.90	355AAV042040
CSPH*2412A**	1.01	0.90	355AAV042040
CAP**1814A**	1.01	0.92	313*AV024045
CAP**2414A**	1.02	0.91	313*AV024045
CNPH*2417A**	1.01	0.90	313*AV024045
CNPV*1814A**	1.01	0.92	313*AV024045
CNPV*2414A**	1.02	0.91	313*AV024045
CSPH*2412A**	1.02	0.91	313*AV024045

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DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
113A*(A,W)024–D Outdoor Section With CAP**2414A** Indoor Section																			
700	72 (22.2)	27.09	13.27	1.65	25.82	12.82	1.85	24.63	12.41	2.06	23.42	12.00	2.30	22.08	11.54	2.56	20.57	11.04	2.84
	67 (19.4)	24.89	16.41	1.65	23.83	15.99	1.84	22.71	15.56	2.05	21.55	15.13	2.29	20.30	14.66	2.56	18.89	14.14	2.84
	63 (17.2)††	23.39	15.98	1.64	22.38	15.55	1.84	21.29	15.11	2.05	20.18	14.66	2.29	18.98	14.17	2.56	17.65	13.64	2.85
	62 (16.7)	23.01	19.56	1.64	22.03	19.14	1.84	20.99	18.67	2.05	19.94	18.19	2.29	18.91	18.91	2.56	17.82	17.82	2.84
	57 (13.9)	22.46	22.46	1.64	21.66	21.66	1.83	20.79	20.79	2.05	19.89	19.89	2.29	18.91	18.91	2.56	17.82	17.82	2.84
800	72 (22.2)	27.52	13.92	1.69	26.15	13.46	1.88	24.91	13.04	2.10	23.67	12.62	2.33	22.29	12.16	2.59	20.73	11.65	2.88
	67 (19.4)	25.25	17.44	1.68	24.16	17.03	1.88	23.00	16.60	2.09	21.82	16.16	2.33	20.53	15.69	2.59	19.09	15.16	2.88
	63 (17.2)††	23.76	16.95	1.68	22.72	16.53	1.87	21.60	16.08	2.09	20.46	15.63	2.33	19.22	15.14	2.59	17.86	14.60	2.88
	62 (16.7)	23.47	20.99	1.68	22.49	20.52	1.87	21.52	21.52	2.09	20.58	20.58	2.33	19.54	19.54	2.59	18.38	18.38	2.88
	57 (13.9)	23.30	23.30	1.68	22.44	22.44	1.87	21.53	21.53	2.09	20.58	20.58	2.33	19.54	19.54	2.59	18.38	18.38	2.88
900	72 (22.2)	27.79	14.53	1.73	26.41	14.07	1.92	25.10	13.63	2.13	23.83	13.21	2.37	22.42	12.76	2.63	20.83	12.24	2.91
	67 (19.4)	25.51	18.45	1.72	24.38	18.03	1.91	23.21	17.59	2.13	22.00	17.15	2.37	20.68	16.66	2.63	19.22	16.12	2.91
	63 (17.2)††	24.03	17.89	1.72	22.96	17.47	1.91	21.82	17.01	2.12	20.66	16.55	2.36	19.39	16.05	2.63	18.01	15.49	2.92
	62 (16.7)	23.97	23.97	1.72	23.07	23.07	1.91	22.11	22.11	2.12	21.12	21.12	2.36	20.03	20.03	2.63	18.82	18.82	2.91
	57 (13.9)	23.96	23.96	1.72	23.07	23.07	1.91	22.11	22.11	2.12	21.12	21.12	2.36	20.04	20.04	2.63	18.82	18.82	2.91

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**2414A**	1.00	1.00	
CAP**2417A**	1.00	1.00	
CAP**3014A**	1.01	1.01	
CAP**3017A**	1.01	1.01	
CNPF*2418A**	1.00	1.00	
CNPH*2417A**	1.00	1.00	
CNPH*3017A**	1.01	1.01	
CNPV*2414A**	1.00	1.00	
CNPV*2417A**	1.00	1.00	
CNPV*3014A**	1.01	1.01	
CNPV*3017A**	1.01	1.01	
CSPH*2412A**	1.00	1.00	
CSPH*3012A**	1.01	1.01	
FE4AN(B,F)003	1.02	0.92	
FE4ANF002	0.98	0.90	
FF1ENP024	0.98	0.98	
FF1ENP030	1.00	1.01	
FV4BN(B,F)003	1.02	0.92	
FV4BNF002	0.98	0.90	
FX4CNF024	1.01	0.95	
FX4CNF030	1.02	0.93	
FY4ANF024	1.00	1.00	
FY4ANF030	1.01	1.01	
CAP**2414A**	0.99	0.91	315(A,J)AV036070
CAP**3014A**	1.00	0.92	315(A,J)AV036070
CNPH*2417A**	0.99	0.93	315(A,J)AV036070
CNPH*3017A**	1.00	0.92	315(A,J)AV036070
CNPV*2414A**	0.99	0.93	315(A,J)AV036070
CNPV*3014A**	1.00	0.92	315(A,J)AV036070
CSPH*2412A**	1.00	0.92	315(A,J)AV036070
CSPH*3012A**	1.00	0.92	315(A,J)AV036070
CAP**2417A**	1.00	0.90	315(A,J)AV048090
CAP**3017A**	1.01	0.91	315(A,J)AV048090
CNPH*2417A**	0.99	0.91	315(A,J)AV048090
CNPH*3017A**	1.01	0.91	315(A,J)AV048090
CNPV*2417A**	0.99	0.91	315(A,J)AV048090
CNPV*3017A**	1.01	0.91	315(A,J)AV048090
CSPH*2412A**	1.01	0.92	315(A,J)AV048090
CSPH*3012A**	1.01	0.91	315(A,J)AV048090

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*2417A**	0.99	0.93	315(A,J)AV060110
CNPH*3017A**	1.01	0.91	315(A,J)AV060110
CSPH*2412A**	1.01	0.92	315(A,J)AV060110
CSPH*3012A**	1.01	0.91	315(A,J)AV060110
CNPH*2417A**	0.99	0.91	315(A,J)AV066135
CNPH*3017A**	1.01	0.91	315(A,J)AV066135
CSPH*2412A**	1.01	0.92	315(A,J)AV066135
CSPH*3012A**	1.01	0.91	315(A,J)AV066135
CNPH*2417A**	0.99	0.91	315(A,J)AV066155
CNPH*3017A**	1.01	0.91	315(A,J)AV066155
CSPH*2412A**	1.01	0.92	315(A,J)AV066155
CSPH*3012A**	1.01	0.91	315(A,J)AV066155
CAP**2417A**	1.02	0.92	353AAV036040
CAP**3017A**	1.03	0.93	353AAV036040
CNPH*2417A**	1.01	0.92	353AAV036040
CNPH*3017A**	1.03	0.93	353AAV036040
CNPV*2417A**	1.01	0.92	353AAV036040
CNPV*3017A**	1.03	0.93	353AAV036040
CSPH*2412A**	1.02	0.92	353AAV036040
CSPH*3012A**	1.03	0.93	353AAV036040
CAP**2417A**	1.02	0.92	353AAV036060
CAP**3017A**	1.03	0.93	353AAV036060
CNPH*2417A**	1.01	0.92	353AAV036060
CNPH*3017A**	1.03	0.93	353AAV036060
CNPV*2417A**	1.01	0.92	353AAV036060
CNPV*3017A**	1.03	0.93	353AAV036060
CSPH*2412A**	1.02	0.92	353AAV036060
CSPH*3012A**	1.03	0.93	353AAV036060
CAP**2417A**	1.01	0.91	353AAV036080
CAP**3017A**	1.03	0.93	353AAV036080
CNPH*2417A**	1.01	0.92	353AAV036080
CNPH*3017A**	1.03	0.93	353AAV036080
CNPV*2417A**	1.01	0.92	353AAV036080
CNPV*3017A**	1.03	0.93	353AAV036080
CSPH*2412A**	1.02	0.92	353AAV036080
CSPH*3012A**	1.03	0.93	353AAV036080
CAP**2417A**	1.01	0.91	355(A,C)AV042060
CAP**3017A**	1.02	0.92	355(A,C)AV042060
CNPH*2417A**	1.01	0.92	355(A,C)AV042060

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*3017A**	1.02	0.92	355(A,C)AV042060
CNPV*2417A**	1.01	0.92	355(A,C)AV042060
CNPV*3017A**	1.02	0.92	355(A,C)AV042060
CSPH*2412A**	1.02	0.93	355(A,C)AV042060
CSPH*3012A**	1.03	0.93	355(A,C)AV042060
CNPH*2417A**	0.99	0.91	355(A,C)AV042080
CNPH*3017A**	1.01	0.91	355(A,C)AV042080
CSPH*2412A**	1.00	0.92	355(A,C)AV042080
CSPH*3012A**	1.01	0.91	355(A,C)AV042080
CNPH*2417A**	0.98	0.90	355(A,C)AV060080
CNPH*3017A**	1.00	0.90	355(A,C)AV060080
CSPH*2412A**	1.00	0.92	355(A,C)AV060080
CSPH*3012A**	1.00	0.90	355(A,C)AV060080
CNPH*2417A**	0.99	0.91	355(A,C)AV060100
CNPH*3017A**	1.01	0.91	355(A,C)AV060100
CSPH*2412A**	1.01	0.92	355(A,C)AV060100
CSPH*3012A**	1.01	0.91	355(A,C)AV060100
CNPH*2417A**	1.00	0.92	355(A,C)AV060120
CNPH*3017A**	1.01	0.91	355(A,C)AV060120
CSPH*2412A**	1.01	0.92	355(A,C)AV060120
CSPH*3012A**	1.02	0.92	355(A,C)AV060120
CNPH*2417A**	0.99	0.93	355AAV042040
CNPH*3017A**	1.01	0.91	355AAV042040
CSPH*2412A**	1.01	0.92	355AAV042040
CSPH*3012A**	1.01	0.91	355AAV042040
CAP**2414A**	1.00	0.94	313*AV024045
CAP**3014A**	1.02	0.93	313*AV024045
CAP**3617A**	1.02	0.92	313*AV024045
CNPH*2417A**	1.00	0.94	313*AV024045
CNPH*3017A**	1.02	0.93	313*AV024045
CNPV*2414A**	1.00	0.94	313*AV024045
CNPV*3014A**	1.01	0.92	313*AV024045
CNPV*3617A**	1.02	0.92	313*AV024045
CSPH*2412A**	1.01	0.92	313*AV024045
CSPH*3012A**	1.02	0.93	313*AV024045

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DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
113A*(A,W)030–E Outdoor Section With CAP**3014A** Indoor Section																			
875	72 (22.2)	32.18	16.57	2.04	30.84	16.09	2.25	29.42	15.59	2.49	27.93	15.07	2.76	26.28	14.50	3.05	24.43	13.86	3.36
	67 (19.4)	29.70	20.70	2.03	28.44	20.20	2.25	27.08	19.68	2.49	25.67	19.13	2.75	24.11	18.54	3.04	22.39	17.88	3.35
	63 (17.2)††	27.91	20.13	2.03	26.69	19.62	2.25	25.39	19.07	2.49	24.02	18.50	2.75	22.52	17.88	3.04	20.88	17.21	3.35
	62 (16.7)	27.50	24.80	2.03	26.34	24.26	2.25	25.11	23.67	2.49	23.94	23.94	2.75	22.71	22.71	3.04	21.35	21.35	3.35
	57 (13.9)	27.10	27.10	2.03	26.12	26.12	2.25	25.05	25.05	2.49	23.94	23.94	2.75	22.71	22.71	3.04	21.35	21.35	3.35
1000	72 (22.2)	32.58	17.38	2.08	31.18	16.89	2.30	29.72	16.38	2.54	28.19	15.86	2.81	26.50	15.29	3.09	24.59	14.65	3.40
	67 (19.4)	30.08	22.03	2.08	28.79	21.53	2.30	27.40	21.00	2.54	25.96	20.45	2.80	24.36	19.85	3.09	22.60	19.17	3.40
	63 (17.2)††	28.31	21.38	2.08	27.06	20.87	2.30	25.72	20.31	2.53	24.32	19.74	2.80	22.78	19.11	3.09	21.11	18.42	3.40
	62 (16.7)	28.07	27.82	2.08	27.00	27.00	2.29	25.89	25.89	2.53	24.72	24.72	2.80	23.42	23.42	3.09	21.98	21.98	3.40
	57 (13.9)	28.04	28.04	2.08	27.01	27.01	2.29	25.89	25.89	2.53	24.72	24.72	2.80	23.42	23.42	3.09	21.98	21.98	3.40
1125	72 (22.2)	32.83	18.14	2.13	31.40	17.65	2.35	29.91	17.14	2.59	28.35	16.62	2.85	26.63	16.04	3.14	24.68	15.40	3.45
	67 (19.4)	30.36	23.30	2.13	29.03	22.80	2.34	27.62	22.26	2.58	26.15	21.70	2.85	24.54	21.08	3.14	22.76	20.38	3.45
	63 (17.2)††	28.59	22.57	2.12	27.32	22.05	2.34	25.95	21.49	2.58	24.53	20.90	2.85	22.98	20.26	3.13	21.29	19.53	3.44
	62 (16.7)	28.79	28.79	2.12	27.71	27.71	2.34	26.54	26.54	2.58	25.33	25.33	2.85	23.98	23.98	3.13	22.47	22.47	3.44
	57 (13.9)	28.79	28.79	2.12	27.71	27.71	2.34	26.55	26.55	2.58	25.33	25.33	2.85	23.98	23.98	3.13	22.47	22.47	3.44

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**3014A**	1.00	1.00	
CAP**3017A**	1.00	1.00	
CAP**3614A**	1.00	1.00	
CAP**3617A**	1.01	1.01	
CAP**3621A**	1.01	1.01	
CNPF*3618A**	1.00	1.00	
CNPH*3017A**	1.00	1.00	
CNPH*3617A**	1.00	1.00	
CNPV*3014A**	1.00	1.00	
CNPV*3017A**	1.00	1.00	
CNPV*3617A**	1.00	1.00	
CNPV*3621A**	1.00	1.00	
CSPH*3012A**	1.00	1.00	
CSPH*3612A**	1.00	1.00	
FE4AN(B,F)003	1.01	0.89	
FE4AN(B,F)005	1.04	0.92	
FE4ANF002	1.01	0.93	
FF1ENP036	1.00	0.99	
FV4BN(B,F)003	1.01	0.89	
FV4BN(B,F)005	1.04	0.92	
FV4BNF002	0.98	0.90	
FX4CN(B,F)036	1.01	0.95	
FX4CNF030	1.01	0.93	
FY4ANF030	0.99	0.98	
CAP**3014A**	0.99	0.92	315(A,J)AV036070
CAP**3614A**	1.00	0.92	315(A,J)AV036070
CNPH*3017A**	0.99	0.92	315(A,J)AV036070
CNPH*3617A**	1.00	0.92	315(A,J)AV036070
CNPV*3014A**	0.99	0.92	315(A,J)AV036070
CSPH*3012A**	0.99	0.92	315(A,J)AV036070
CSPH*3612A**	1.01	0.91	315(A,J)AV036070
CAP**3017A**	1.00	0.90	315(A,J)AV048090
CAP**3617A**	1.00	0.90	315(A,J)AV048090
CNPH*3017A**	1.00	0.92	315(A,J)AV048090
CNPH*3617A**	1.00	0.92	315(A,J)AV048090
CNPV*3017A**	1.00	0.92	315(A,J)AV048090
CNPV*3617A**	1.00	0.92	315(A,J)AV048090
CNPV*4217A**	1.01	0.90	315(A,J)AV048090
CSPH*3012A**	1.00	0.92	315(A,J)AV048090

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3612A**	1.01	0.91	315(A,J)AV048090
CAP**3621A**	1.01	0.91	315(A,J)AV060110
CNPH*3017A**	1.00	0.92	315(A,J)AV060110
CNPH*3617A**	1.00	0.92	315(A,J)AV060110
CNPV*3621A**	1.00	0.92	315(A,J)AV060110
CSPH*3012A**	1.01	0.93	315(A,J)AV060110
CSPH*3612A**	1.01	0.91	315(A,J)AV060110
CNPH*3017A**	1.00	0.90	315(A,J)AV066135
CNPH*3617A**	1.00	0.90	315(A,J)AV066135
CSPH*3012A**	1.01	0.93	315(A,J)AV066135
CSPH*3612A**	1.01	0.91	315(A,J)AV066135
CNPH*3017A**	1.00	0.90	315(A,J)AV066155
CNPH*3617A**	1.00	0.90	315(A,J)AV066155
CSPH*3012A**	1.01	0.91	315(A,J)AV066155
CSPH*3612A**	1.01	0.91	315(A,J)AV066155
CAP**3017A**	1.01	0.91	353AAV036040
CAP**3617A**	1.01	0.91	353AAV036040
CNPH*3017A**	1.01	0.91	353AAV036040
CNPH*3617A**	0.99	0.89	353AAV036040
CNPV*3017A**	1.01	0.91	353AAV036040
CNPV*3617A**	0.99	0.89	353AAV036040
CSPH*3012A**	1.01	0.91	353AAV036040
CSPH*3612A**	1.00	0.90	353AAV036040
CAP**3017A**	1.01	0.94	353AAV036060
CAP**3617A**	1.01	0.91	353AAV036060
CNPH*3017A**	1.01	0.94	353AAV036060
CNPH*3617A**	0.99	0.89	353AAV036060
CNPV*3017A**	1.01	0.94	353AAV036060
CNPV*3617A**	0.99	0.89	353AAV036060
CSPH*3012A**	1.01	0.94	353AAV036060
CSPH*3612A**	1.00	0.90	353AAV036060
CAP**3017A**	1.01	0.91	353AAV036080
CAP**3617A**	1.01	0.91	353AAV036080
CNPH*3017A**	1.01	0.91	353AAV036080
CNPH*3617A**	0.99	0.89	353AAV036080
CNPV*3017A**	1.01	0.91	353AAV036080
CNPV*3617A**	0.99	0.89	353AAV036080
CSPH*3012A**	1.01	0.93	353AAV036080
CSPH*3612A**	1.00	0.90	353AAV036080

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3017A**	1.01	0.94	353AAV048080
CAP**3617A**	1.02	0.94	353AAV048080
CNPH*3017A**	1.01	0.94	353AAV048080
CNPH*3617A**	1.01	0.94	353AAV048080
CNPV*3017A**	1.01	0.94	353AAV048080
CNPV*3617A**	1.01	0.94	353AAV048080
CSPH*3012A**	1.01	0.94	353AAV048080
CSPH*3612A**	1.01	0.91	353AAV048080
CAP**3017A**	1.00	0.92	355(A,C)AV042060
CAP**3617A**	1.01	0.91	355(A,C)AV042060
CNPH*3017A**	1.01	0.93	355(A,C)AV042060
CNPH*3617A**	1.01	0.93	355(A,C)AV042060
CNPV*3017A**	1.01	0.93	355(A,C)AV042060
CNPV*3617A**	1.01	0.93	355(A,C)AV042060
CSPH*3012A**	1.01	0.93	355(A,C)AV042060
CSPH*3612A**	1.02	0.92	355(A,C)AV042060
CAP**3621A**	1.00	0.92	355(A,C)AV042080
CNPH*3017A**	0.99	0.92	355(A,C)AV042080
CNPH*3617A**	0.99	0.92	355(A,C)AV042080
CNPV*3621A**	0.99	0.92	355(A,C)AV042080
CSPH*3012A**	1.00	0.92	355(A,C)AV042080
CSPH*3612A**	1.01	0.91	355(A,C)AV042080
CAP**3621A**	1.00	0.90	355(A,C)AV060080
CNPH*3017A**	1.00	0.92	355(A,C)AV060080
CNPH*3617A**	1.00	0.92	355(A,C)AV060080
CNPV*3621A**	1.00	0.92	355(A,C)AV060080
CSPH*3012A**	1.00	0.92	355(A,C)AV060080
CSPH*3612A**	1.01	0.91	355(A,C)AV060080
CAP**3621A**	0.99	0.92	355(A,C)AV060100
CNPH*3017A**	0.99	0.92	355(A,C)AV060100
CNPH*3617A**	0.99	0.92	355(A,C)AV060100
CNPV*3621A**	0.99	0.92	355(A,C)AV060100
CSPH*3012A**	0.99	0.92	355(A,C)AV060100
CSPH*3612A**	1.01	0.91	355(A,C)AV060100
CNPH*3017A**	1.00	0.90	355(A,C)AV060120
CNPH*3617A**	1.00	0.90	355(A,C)AV060120
CSPH*3012A**	1.01	0.93	355(A,C)AV060120
CSPH*3612A**	1.02	0.92	355(A,C)AV060120
CNPH*3017A**	1.00	0.92	355AAV042040

DETAILED COOLING CAPACITIES# CONTINUED

113A*(A,W)030–E Outdoor Section With CAP3014A** Indoor Section**

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*3617A**	1.00	0.92	355AAV042040
CSPH*3012A**	1.00	0.92	355AAV042040
CSPH*3612A**	1.01	0.91	355AAV042040
CAP**3017A**	1.00	0.92	313*AV048070
CAP**3617A**	1.01	0.93	313*AV048070
CNPH*3017A**	1.00	0.94	313*AV048070
CNPH*3617A**	1.00	0.94	313*AV048070
CNPV*3017A**	1.00	0.94	313*AV048070
CNPV*3617A**	1.00	0.94	313*AV048070
CSPH*3012A**	1.01	0.95	313*AV048070
CSPH*3612A**	1.01	0.94	313*AV048070
CAP**3621A**	1.01	0.91	313*AV048090
CNPH*3017A**	1.01	0.93	313*AV048090
CNPH*3617A**	1.01	0.93	313*AV048090
CNPV*3621A**	1.01	0.93	313*AV048090
CNPV*4821A**	1.04	0.92	313*AV048090
CSPH*3012A**	1.01	0.93	313*AV048090
CSPH*3612A**	1.01	0.91	313*AV048090

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DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
113A*(A,W)036–E Outdoor Section With CAP*3617A Indoor Section																			
1050	72 (22.2)	40.22	21.00	2.54	38.50	20.34	2.79	36.66	19.65	3.07	34.69	18.93	3.39	32.56	18.15	3.76	30.22	17.30	4.20
	67 (19.4)	36.61	25.73	2.51	35.00	25.05	2.76	33.29	24.35	3.04	31.46	23.60	3.36	29.49	22.81	3.74	27.34	21.95	4.18
	63 (17.2)††	34.02	24.88	2.49	32.50	24.20	2.74	30.89	23.49	3.02	29.17	22.73	3.35	27.32	21.94	3.73	25.29	21.07	4.18
	62 (16.7)	33.42	30.44	2.49	31.97	29.75	2.74	30.45	29.01	3.02	28.86	28.20	3.35	27.29	27.29	3.73	25.64	25.64	4.18
	57 (13.9)	32.55	32.55	2.48	31.38	31.38	2.73	30.12	30.12	3.02	28.77	28.77	3.35	27.29	27.29	3.73	25.65	25.65	4.18
1200	72 (22.2)	40.90	21.97	2.60	39.11	21.31	2.85	37.20	20.61	3.13	35.17	19.88	3.45	32.96	19.09	3.82	30.54	18.23	4.25
	67 (19.4)	37.25	27.30	2.57	35.57	26.61	2.82	33.80	25.90	3.10	31.91	25.15	3.42	29.88	24.35	3.80	27.67	23.48	4.24
	63 (17.2)††	34.63	26.36	2.55	33.04	25.66	2.80	31.38	24.94	3.08	29.60	24.18	3.41	27.69	23.37	3.79	25.61	22.48	4.24
	62 (16.7)	34.19	32.60	2.55	32.73	31.85	2.80	31.24	31.24	3.08	29.83	29.83	3.41	28.26	28.26	3.79	26.52	26.52	4.24
	57 (13.9)	33.87	33.87	2.55	32.61	32.61	2.80	31.27	31.27	3.08	29.83	29.83	3.41	28.26	28.26	3.79	26.52	26.52	4.24
1350	72 (22.2)	41.40	22.89	2.66	39.55	22.22	2.91	37.60	21.52	3.19	35.50	20.77	3.51	33.24	19.97	3.88	30.75	19.10	4.31
	67 (19.4)	37.72	28.79	2.63	36.00	28.11	2.88	34.19	27.39	3.16	32.26	26.63	3.48	30.19	25.81	3.86	27.93	24.92	4.30
	63 (17.2)††	35.09	27.77	2.61	33.47	27.07	2.86	31.76	26.34	3.14	29.94	25.57	3.47	27.99	24.73	3.85	25.88	23.82	4.29
	62 (16.7)	34.90	34.90	2.61	33.63	33.63	2.86	32.22	32.22	3.15	30.70	30.70	3.47	29.05	29.05	3.85	27.22	27.22	4.30
	57 (13.9)	34.96	34.96	2.61	33.64	33.64	2.86	32.23	32.23	3.15	30.70	30.70	3.47	29.05	29.05	3.85	27.22	27.22	4.29

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**3617A**	1.00	1.00	
CAP**3614A**	0.97	0.97	
CAP**3621A**	1.00	1.00	
CAP**4221A**	1.01	1.01	
CAP**4224A**	1.00	1.00	
CNPF*3618A**	1.00	1.00	
CNPH*3617A**	1.00	1.00	
CNPH*4221A**	1.01	1.01	
CNPV*3617A**	1.00	1.00	
CNPV*3621A**	1.00	1.00	
CNPV*4217A**	1.00	0.99	
CNPV*4221A**	1.01	1.01	
CSPH*3612A**	1.00	0.99	
CSPH*4212A**	1.01	1.00	
FE4AN(B,F)003	0.99	0.90	
FE4AN(B,F)005	1.03	0.94	
FE4ANB006	1.04	0.95	
FE4ANF002	0.99	0.94	
FE5ANB004	1.04	0.94	
FF1ENP036	0.99	0.99	
FV4BN(B,F)003	0.99	0.90	
FV4BN(B,F)005	1.03	0.94	
FV4BNB006	1.04	0.95	
FV4BNF002	0.99	0.94	
FX4CN(B,F)036	1.01	0.94	
FX4CN(B,F)042	1.03	0.96	
FY4ANF036	0.98	0.98	
FY4ANF042	1.01	1.00	
CAP**3614A**	0.96	0.91	315(A,J)AV036070
CNPH*3617A**	0.98	0.93	315(A,J)AV036070
CNPH*4221A**	0.99	0.94	315(A,J)AV036070
CSPH*3612A**	0.99	0.93	315(A,J)AV036070
CSPH*4212A**	0.99	0.93	315(A,J)AV036070
CAP**3617A**	0.99	0.92	315(A,J)AV048090
CNPH*3617A**	0.98	0.93	315(A,J)AV048090
CNPH*4221A**	0.99	0.93	315(A,J)AV048090
CNPH*4821A**	1.01	0.90	315(A,J)AV048090
CNPV*3617A**	0.98	0.93	315(A,J)AV048090
CNPV*4217A**	1.00	0.93	315(A,J)AV048090

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3612A**	0.99	0.90	315(A,J)AV048090
CSPH*4212A**	0.99	0.90	315(A,J)AV048090
CAP**3621A**	0.99	0.92	315(A,J)AV060110
CAP**4221A**	0.99	0.90	315(A,J)AV060110
CNPH*3617A**	0.99	0.94	315(A,J)AV060110
CNPH*4221A**	1.00	0.93	315(A,J)AV060110
CNPV*3621A**	0.99	0.94	315(A,J)AV060110
CNPV*4221A**	1.00	0.93	315(A,J)AV060110
CSPH*3612A**	0.99	0.90	315(A,J)AV060110
CSPH*4212A**	1.00	0.91	315(A,J)AV060110
CAP**4224A**	0.99	0.90	315(A,J)AV066135
CNPH*3617A**	0.99	0.92	315(A,J)AV066135
CNPH*4221A**	0.99	0.90	315(A,J)AV066135
CSPH*3612A**	0.99	0.90	315(A,J)AV066135
CSPH*4212A**	0.99	0.90	315(A,J)AV066135
CAP**4224A**	1.00	0.91	315(A,J)AV066155
CNPH*3617A**	0.99	0.92	315(A,J)AV066155
CNPH*4221A**	1.00	0.91	315(A,J)AV066155
CSPH*3612A**	0.99	0.90	315(A,J)AV066155
CSPH*4212A**	1.00	0.91	315(A,J)AV066155
CAP**3617A**	0.99	0.93	353AAV036040
CNPH*3617A**	0.99	0.92	353AAV036040
CNPH*4221A**	1.00	0.93	353AAV036040
CNPV*3617A**	0.99	0.92	353AAV036040
CNPV*4217A**	1.00	0.93	353AAV036040
CSPH*3612A**	1.00	0.93	353AAV036040
CSPH*4212A**	1.00	0.93	353AAV036040
CAP**3617A**	0.99	0.93	353AAV036060
CNPH*3617A**	0.99	0.92	353AAV036060
CNPH*4221A**	1.00	0.93	353AAV036060
CNPH*4821A**	1.02	0.93	353AAV036060
CNPV*3617A**	0.99	0.92	353AAV036060
CNPV*4217A**	1.00	0.93	353AAV036060
CSPH*3612A**	1.00	0.93	353AAV036060
CSPH*4212A**	1.00	0.93	353AAV036060
CAP**3617A**	0.99	0.93	353AAV036080
CNPH*3617A**	0.99	0.92	353AAV036080
CNPH*4221A**	1.00	0.93	353AAV036080
CNPH*4821A**	1.02	0.91	353AAV036080

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*3617A**	0.99	0.92	353AAV036080
CNPV*4217A**	1.00	0.93	353AAV036080
CSPH*3612A**	1.00	0.93	353AAV036080
CSPH*4212A**	1.00	0.93	353AAV036080
CAP**3617A**	0.99	0.93	353AAV048080
CNPH*3617A**	0.99	0.92	353AAV048080
CNPH*4221A**	1.00	0.93	353AAV048080
CNPV*3617A**	0.99	0.92	353AAV048080
CNPV*4217A**	1.00	0.93	353AAV048080
CSPH*3612A**	1.00	0.93	353AAV048080
CSPH*4212A**	1.00	0.93	353AAV048080
CAP**3621A**	0.99	0.90	353AAV060100
CAP**4221A**	1.00	0.91	353AAV060100
CNPH*3617A**	0.98	0.92	353AAV060100
CNPH*4221A**	1.00	0.93	353AAV060100
CNPH*4821A**	1.02	0.91	353AAV060100
CNPV*3621A**	0.99	0.92	353AAV060100
CNPV*4221A**	1.00	0.93	353AAV060100
CNPV*4821A**	1.02	0.91	353AAV060100
CSPH*3612A**	1.00	0.93	353AAV060100
CSPH*4212A**	1.00	0.93	353AAV060100
CAP**3617A**	0.99	0.94	355(A,C)AV042060
CNPH*3617A**	0.99	0.94	355(A,C)AV042060
CNPH*4221A**	1.00	0.93	355(A,C)AV042060
CNPV*3617A**	0.99	0.94	355(A,C)AV042060
CNPV*4217A**	1.00	0.93	355(A,C)AV042060
CSPH*3612A**	0.99	0.90	355(A,C)AV042060
CSPH*4212A**	1.00	0.91	355(A,C)AV042060
CAP**3621A**	0.99	0.94	355(A,C)AV042080
CAP**4221A**	0.99	0.94	355(A,C)AV042080
CNPH*3617A**	0.98	0.93	355(A,C)AV042080
CNPH*4221A**	0.99	0.94	355(A,C)AV042080
CNPV*3621A**	0.98	0.93	355(A,C)AV042080
CNPV*4221A**	0.99	0.94	355(A,C)AV042080
CSPH*3612A**	0.99	0.92	355(A,C)AV042080
CSPH*4212A**	0.99	0.93	355(A,C)AV042080
CAP**3621A**	0.99	0.92	355(A,C)AV060080
CAP**4221A**	0.99	0.93	355(A,C)AV060080
CNPH*3617A**	0.98	0.93	355(A,C)AV060080

DETAILED COOLING CAPACITIES# CONTINUED

113A*(A,W)036–E Outdoor Section With CAP*3617A Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*4221A**	0.99	0.93	355(A,C)AV060080
CNPV*3621A**	0.98	0.93	355(A,C)AV060080
CNPV*4221A**	0.99	0.93	355(A,C)AV060080
CSPH*3612A**	0.99	0.93	355(A,C)AV060080
CSPH*4212A**	0.99	0.90	355(A,C)AV060080
CAP**3621A**	0.99	0.93	355(A,C)AV060100
CAP**4221A**	1.00	0.93	355(A,C)AV060100
CNPH*3617A**	0.99	0.94	355(A,C)AV060100
CNPH*4221A**	1.00	0.93	355(A,C)AV060100
CNPV*3621A**	0.99	0.94	355(A,C)AV060100
CNPV*4221A**	1.00	0.93	355(A,C)AV060100
CSPH*3612A**	0.99	0.90	355(A,C)AV060100
CSPH*4212A**	1.00	0.91	355(A,C)AV060100
CAP**4224A**	0.99	0.90	355(A,C)AV060120
CNPH*3617A**	0.99	0.94	355(A,C)AV060120
CNPH*4221A**	0.99	0.93	355(A,C)AV060120
CSPH*3612A**	0.99	0.90	355(A,C)AV060120
CSPH*4212A**	0.99	0.90	355(A,C)AV060120
CAP**4224A**	0.99	0.92	355AAV042040
CNPH*3617A**	0.98	0.93	355AAV042040
CNPH*4221A**	0.99	0.94	355AAV042040
CSPH*3612A**	0.99	0.94	355AAV042040
CSPH*4212A**	0.99	0.93	355AAV042040
CAP**3617A**	0.99	0.96	313*AV048070
CAP**4817A**	1.02	0.95	313*AV048070
CNPH*3617A**	0.98	0.97	313*AV048070
CNPH*4221A**	0.99	0.97	313*AV048070
CNPV*3617A**	0.98	0.96	313*AV048070
CNPV*4217A**	1.00	0.93	313*AV048070
CSPH*3612A**	1.01	0.95	313*AV048070
CSPH*4212A**	1.02	0.95	313*AV048070
CAP**3621A**	1.00	0.91	313*AV048090
CAP**4221A**	1.01	0.91	313*AV048090
CNPH*3617A**	0.99	0.92	313*AV048090
CNPH*4221A**	1.01	0.91	313*AV048090
CNPV*3621A**	0.99	0.92	313*AV048090
CNPV*4221A**	1.01	0.91	313*AV048090
CNPV*4821A**	1.02	0.91	313*AV048090
CSPH*3612A**	1.02	0.92	313*AV048090
CSPH*4212A**	1.02	0.93	313*AV048090
CAP**3621A**	1.01	0.91	313*AV060110
CAP**4221A**	1.01	0.92	313*AV060110
CNPH*3617A**	0.99	0.93	313*AV060110
CNPH*4221A**	1.01	0.91	313*AV060110
CNPV*3621A**	0.99	0.93	313*AV060110
CNPV*4221A**	1.01	0.91	313*AV060110
CNPV*4821A**	1.03	0.92	313*AV060110
CSPH*3612A**	1.02	0.92	313*AV060110
CSPH*4212A**	1.03	0.94	313*AV060110

See notes on page 33

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
113A*(A,W)042 – C Outdoor Section With 42 Indoor Section																			
1225	72 (22.2)	48.49	25.49	3.39	46.39	24.69	3.73	44.18	23.85	4.11	41.83	22.97	4.52	39.28	22.03	4.98	36.45	21.00	5.47
	67 (19.4)	44.47	31.36	3.33	42.52	30.54	3.67	40.46	29.67	4.05	38.28	28.77	4.47	35.93	27.82	4.92	33.34	26.78	5.42
	63 (17.2)††	41.53	30.43	3.29	39.69	29.59	3.63	37.74	28.72	4.01	35.68	27.80	4.43	33.47	26.84	4.88	31.05	25.79	5.38
	62 (16.7)	40.83	37.19	3.28	39.07	36.35	3.63	37.22	35.45	4.00	35.29	34.48	4.42	33.32	33.32	4.88	31.36	31.36	5.38
	57 (13.9)	39.73	39.73	3.27	38.29	38.29	3.62	36.76	36.76	4.00	35.12	35.12	4.42	33.34	33.34	4.88	31.36	31.36	5.38
1400	72 (22.2)	49.21	26.62	3.47	47.02	25.80	3.81	44.73	24.95	4.19	42.30	24.06	4.61	39.67	23.11	5.06	36.75	22.07	5.55
	67 (19.4)	45.16	33.20	3.42	43.14	32.37	3.76	41.00	31.49	4.13	38.75	30.59	4.55	36.34	29.63	5.01	33.67	28.57	5.50
	63 (17.2)††	42.22	32.16	3.38	40.31	31.31	3.72	38.28	30.42	4.09	36.17	29.51	4.51	33.89	28.53	4.97	31.40	27.47	5.46
	62 (16.7)	41.69	39.75	3.37	39.91	38.85	3.71	38.02	38.02	4.09	36.34	36.34	4.51	34.45	34.45	4.98	32.33	32.33	5.48
	57 (13.9)	41.25	41.25	3.37	39.72	39.72	3.71	38.08	38.08	4.09	36.34	36.34	4.51	34.45	34.45	4.98	32.33	32.33	5.48
1575	72 (22.2)	49.75	27.70	3.56	47.50	26.88	3.90	45.14	26.02	4.27	42.64	25.12	4.69	39.94	24.16	5.14	36.95	23.10	5.63
	67 (19.4)	45.69	34.99	3.50	43.61	34.15	3.84	41.42	33.28	4.22	39.12	32.36	4.63	36.65	31.38	5.09	33.93	30.29	5.58
	63 (17.2)††	42.75	33.85	3.46	40.79	33.00	3.80	38.72	32.11	4.17	36.55	31.18	4.59	34.23	30.18	5.05	31.68	29.07	5.54
	62 (16.7)	42.52	42.08	3.46	40.87	40.87	3.80	39.14	39.14	4.18	37.31	37.31	4.61	35.32	35.32	5.07	33.09	33.09	5.56
	57 (13.9)	42.49	42.49	3.46	40.87	40.87	3.80	39.15	39.15	4.18	37.32	37.32	4.61	35.32	35.32	5.07	33.09	33.09	5.56

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**4221A**	1.00	1.00	
CAP**4224A**	1.00	1.00	
CAP**4817A**	0.99	0.99	
CAP**4821A**	1.01	1.01	
CAP**4824A**	1.01	1.01	
CNPF*4818A**	1.01	1.01	
CNPH*4221A**	1.00	1.00	
CNPH*4821A**	1.01	1.01	
CNPV*4217A**	1.00	1.00	
CNPV*4221A**	1.00	1.00	
CNPV*4821A**	1.01	1.01	
CNPV*4824A**	1.01	1.01	
CSPH*4212A**	1.00	1.00	
CSPH*4812A**	1.01	1.01	
FV4BN(B,F)003	0.99	0.94	
FV4BN(B,F)005	1.01	0.95	
FV4BNB006	1.04	0.95	
FX4CN(B,F)042	1.01	0.99	
FX4CN(B,F)048	1.04	0.99	
FY4ANF042	1.00	1.00	
FY4ANF048	1.02	1.02	
CNPH*4221A**	0.99	0.97	315(A,J)AV036070
CNPH*4821A**	1.00	0.98	315(A,J)AV036070
CSPH*4212A**	0.99	0.97	315(A,J)AV036070
CSPH*4812A**	1.00	0.98	315(A,J)AV036070
CAP**4817A**	0.98	0.93	315(A,J)AV048090
CNPV*4217A**	0.99	0.93	315(A,J)AV048090
CAP**4221A**	0.99	0.97	315(A,J)AV060110
CAP**4821A**	1.00	0.96	315(A,J)AV060110
CNPV*4221A**	0.99	0.94	315(A,J)AV060110
CNPV*4821A**	1.00	0.96	315(A,J)AV060110
CAP**4224A**	0.99	0.94	315(A,J)AV066135
CAP**4824A**	1.00	0.94	315(A,J)AV066135
CNPV*4824A**	1.00	0.94	315(A,J)AV066135
CAP**4817A**	1.00	0.94	353AAV036040
CNPH*4221A**	0.99	0.93	353AAV036040
CNPH*4821A**	1.00	0.94	353AAV036040
CNPV*4217A**	1.00	0.94	353AAV036040
CSPH*4212A**	1.00	0.94	353AAV036040

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4812A**	1.00	0.94	353AAV036040
CAP**4817A**	1.00	0.94	353AAV036060
CNPH*4221A**	0.99	0.94	353AAV036060
CNPH*4821A**	1.00	0.94	353AAV036060
CNPV*4217A**	1.00	0.94	353AAV036060
CSPH*4212A**	1.00	0.94	353AAV036060
CSPH*4812A**	1.00	0.94	353AAV036060
CAP**4817A**	1.00	0.94	353AAV036080
CNPH*4221A**	0.99	0.93	353AAV036080
CNPH*4821A**	1.00	0.94	353AAV036080
CNPV*4217A**	1.00	0.94	353AAV036080
CSPH*4212A**	1.00	0.94	353AAV036080
CSPH*4812A**	1.00	0.94	353AAV036080
CAP**4817A**	1.00	0.94	353AAV048080
CNPH*4221A**	0.98	0.92	353AAV048080
CNPH*4821A**	1.00	0.94	353AAV048080
CNPV*4217A**	0.99	0.93	353AAV048080
CSPH*4212A**	1.00	0.94	353AAV048080
CSPH*4812A**	1.00	0.94	353AAV048080
CAP**4221A**	0.99	0.93	353AAV060100
CAP**4821A**	1.00	0.92	353AAV060100
CNPH*4221A**	0.99	0.93	353AAV060100
CNPH*4821A**	1.00	0.92	353AAV060100
CNPV*4221A**	0.99	0.93	353AAV060100
CNPV*4821A**	1.00	0.92	353AAV060100
CSPH*4212A**	1.00	0.92	353AAV060100
CSPH*4812A**	1.00	0.92	353AAV060100
CAP**4224A**	0.99	0.91	353AAV060120
CNPH*4221A**	0.99	0.93	353AAV060120
CNPH*4821A**	1.00	0.92	353AAV060120
CNPV*4824A**	1.00	0.92	353AAV060120
CSPH*4212A**	1.00	0.92	353AAV060120
CSPH*4812A**	1.00	0.92	353AAV060120
CAP**4224A**	0.98	0.96	355(A,C)AV042040
CAP**4824A**	1.00	0.98	355(A,C)AV042040
CNPH*4221A**	0.98	0.96	355(A,C)AV042040
CNPH*4821A**	0.99	0.97	355(A,C)AV042040
CNPV*4824A**	1.00	0.98	355(A,C)AV042040
CSPH*4212A**	0.98	0.96	355(A,C)AV042040

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4812A**	1.00	0.98	355(A,C)AV042040
CAP**4817A**	0.98	0.93	355(A,C)AV042060
CNPV*4217A**	0.99	0.94	355(A,C)AV042060
CAP**4221A**	0.98	0.96	355(A,C)AV042080
CAP**4821A**	0.99	0.97	355(A,C)AV042080
CNPV*4221A**	0.98	0.96	355(A,C)AV042080
CNPV*4821A**	0.99	0.97	355(A,C)AV042080
CAP**4817A**	0.96	0.95	313*AV048070
CNPH*4221A**	0.98	0.96	313*AV048070
CNPH*4821A**	1.00	0.98	313*AV048070
CNPV*4217A**	0.99	0.97	313*AV048070
CSPH*4212A**	0.99	0.94	313*AV048070
CSPH*4812A**	1.00	0.98	313*AV048070
CAP**4221A**	0.99	0.93	313*AV048090
CAP**4821A**	1.00	0.92	313*AV048090
CNPH*4221A**	0.99	0.93	313*AV048090
CNPH*4821A**	1.00	0.92	313*AV048090
CNPV*4221A**	0.99	0.93	313*AV048090
CNPV*4821A**	1.00	0.92	313*AV048090
CSPH*4212A**	0.99	0.93	313*AV048090
CSPH*4812A**	1.00	0.92	313*AV048090
CAP**4221A**	0.99	0.91	313*AV060110
CAP**4821A**	1.00	0.92	313*AV060110
CNPH*4221A**	0.99	0.91	313*AV060110
CNPH*4821A**	1.00	0.92	313*AV060110
CNPV*4221A**	0.99	0.91	313*AV060110
CNPV*4821A**	1.00	0.92	313*AV060110
CSPH*4212A**	0.99	0.91	313*AV060110
CSPH*4812A**	1.00	0.92	313*AV060110
CAP**4224A**	0.99	0.91	313*AV060135
CAP**4824A**	1.00	0.92	313*AV060135
CNPH*4221A**	0.99	0.93	313*AV060135
CNPH*4821A**	1.00	0.92	313*AV060135
CNPV*4824A**	1.00	0.92	313*AV060135
CSPH*4212A**	0.99	0.91	313*AV060135
CSPH*4812A**	1.00	0.92	313*AV060135

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DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
113A*(A,W)048–E Outdoor Section With CAP**4821A** Indoor Section																			
1400	72 (22.2)	54.48	26.42	3.32	52.18	25.62	3.67	49.73	24.77	4.05	47.13	23.89	4.48	44.34	22.96	4.94	41.30	21.95	5.45
	67 (19.4)	49.80	32.57	3.30	47.63	31.74	3.64	45.34	30.88	4.03	42.93	29.97	4.45	40.34	29.02	4.92	37.58	28.02	5.43
	63 (17.2)††	46.41	31.55	3.28	44.36	30.70	3.63	42.19	29.82	4.01	39.89	28.90	4.44	37.46	27.94	4.91	34.91	26.94	5.42
	62 (16.7)	45.58	38.68	3.28	43.61	37.81	3.62	41.55	36.89	4.01	39.45	39.21	4.43	37.47	37.47	4.91	35.38	35.38	5.42
	57 (13.9)	44.55	44.55	3.27	42.94	42.94	3.62	41.23	41.23	4.01	39.42	39.42	4.43	37.47	37.47	4.91	35.39	35.39	5.42
1600	72 (22.2)	55.34	27.67	3.40	52.95	26.86	3.75	50.42	26.01	4.13	47.73	25.12	4.56	44.84	24.17	5.02	41.69	23.15	5.52
	67 (19.4)	50.62	34.60	3.38	48.38	33.76	3.72	46.00	32.88	4.11	43.51	31.98	4.53	40.84	31.01	5.00	38.00	29.98	5.51
	63 (17.2)††	47.22	33.46	3.36	45.08	32.60	3.71	42.83	31.71	4.09	40.47	30.78	4.52	37.96	29.80	4.99	35.33	28.77	5.49
	62 (16.7)	46.58	41.42	3.36	44.61	44.23	3.70	42.74	42.74	4.09	40.82	40.82	4.52	38.75	38.75	4.99	36.51	36.51	5.50
	57 (13.9)	46.27	46.27	3.36	44.56	44.56	3.70	42.75	42.75	4.09	40.82	40.82	4.52	38.75	38.75	4.99	36.52	36.52	5.50
1800	72 (22.2)	55.96	28.85	3.48	53.51	28.03	3.83	50.90	27.17	4.21	48.15	26.28	4.64	45.18	25.32	5.10	41.94	24.28	5.60
	67 (19.4)	51.21	36.53	3.46	48.91	35.69	3.80	46.48	34.81	4.19	43.93	33.88	4.61	41.20	32.89	5.08	38.30	31.83	5.58
	63 (17.2)††	47.80	35.26	3.44	45.61	34.40	3.79	43.31	33.50	4.17	40.89	32.56	4.60	38.33	31.55	5.06	35.64	30.47	5.57
	62 (16.7)	47.66	47.66	3.44	45.87	45.87	3.79	43.97	43.97	4.17	41.94	41.94	4.60	39.77	39.77	5.07	37.41	37.41	5.58
	57 (13.9)	47.67	47.67	3.44	45.88	45.88	3.79	43.97	43.97	4.17	41.95	41.95	4.60	39.77	39.77	5.07	37.41	37.41	5.58

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**4821A**	1.00	1.00	
CAP**4817A**	0.98	0.98	
CAP**4824A**	0.99	0.99	
CAP**6021A**	1.00	0.98	
CAP**6024A**	1.01	0.99	
CNPF*4818A**	0.98	0.98	
CNPH*4821A**	0.99	0.99	
CNPH*6024A**	1.01	0.99	
CNPV*4821A**	0.99	0.99	
CNPV*4824A**	0.99	0.99	
CNPV*6024A**	1.01	0.99	
CSPH*4812A**	1.00	1.00	
CSPH*6012A**	1.01	0.99	
FE4AN(B,F)005	1.00	0.92	
FE4ANB006	1.01	0.91	
FV4BN(B,F)005	1.00	0.92	
FV4BNB006	1.01	0.91	
FX4CN(B,F)048	1.00	0.92	
FX4CN(B,F)060	1.03	0.95	
FY4ANB060	1.01	0.99	
FY4ANF048	0.99	0.97	
CAP**4817A**	0.98	0.94	315(A,J)AV048090
CNPH*4821A**	0.98	0.92	315(A,J)AV048090
CNPH*6024A**	1.00	0.94	315(A,J)AV048090
CSPH*4812A**	0.99	0.93	315(A,J)AV048090
CSPH*6012A**	1.00	0.92	315(A,J)AV048090
CAP**4821A**	0.98	0.92	315(A,J)AV060110
CAP**6021A**	1.00	0.92	315(A,J)AV060110
CNPH*4821A**	0.98	0.92	315(A,J)AV060110
CNPH*6024A**	1.00	0.92	315(A,J)AV060110
CNPV*4821A**	0.98	0.92	315(A,J)AV060110
CSPH*4812A**	0.98	0.92	315(A,J)AV060110
CSPH*6012A**	1.00	0.92	315(A,J)AV060110
CAP**4824A**	0.98	0.92	315(A,J)AV066135
CAP**6024A**	1.00	0.92	315(A,J)AV066135
CNPH*4821A**	0.98	0.92	315(A,J)AV066135
CNPH*6024A**	1.00	0.92	315(A,J)AV066135
CNPV*4824A**	0.98	0.92	315(A,J)AV066135
CNPV*6024A**	1.00	0.92	315(A,J)AV066135

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4812A**	0.98	0.92	315(A,J)AV066135
CSPH*6012A**	1.00	0.92	315(A,J)AV066135
CAP**4824A**	0.98	0.90	315(A,J)AV066155
CAP**6024A**	1.00	0.90	315(A,J)AV066155
CNPH*4821A**	0.99	0.91	315(A,J)AV066155
CNPH*6024A**	1.00	0.90	315(A,J)AV066155
CNPV*4824A**	0.98	0.90	315(A,J)AV066155
CNPV*6024A**	1.00	0.90	315(A,J)AV066155
CSPH*4812A**	0.98	0.90	315(A,J)AV066155
CSPH*6012A**	1.00	0.90	315(A,J)AV066155
CAP**4817A**	0.98	0.98	353AAV048080
CNPH*4821A**	0.98	0.94	353AAV048080
CNPH*6024A**	0.98	0.94	353AAV048080
CSPH*4812A**	0.98	0.94	353AAV048080
CSPH*6012A**	0.98	0.92	353AAV048080
CAP**4821A**	0.98	0.92	353AAV060100
CAP**6021A**	0.98	0.90	353AAV060100
CNPH*4821A**	0.98	0.92	353AAV060100
CNPH*6024A**	0.98	0.90	353AAV060100
CNPV*4821A**	0.98	0.92	353AAV060100
CSPH*4812A**	0.98	0.92	353AAV060100
CSPH*6012A**	0.98	0.90	353AAV060100
CAP**4824A**	0.98	0.92	353AAV060120
CAP**6024A**	0.98	0.90	353AAV060120
CNPH*4821A**	0.98	0.92	353AAV060120
CNPH*6024A**	0.98	0.90	353AAV060120
CNPV*4824A**	0.98	0.92	353AAV060120
CNPV*6024A**	0.98	0.90	353AAV060120
CSPH*4812A**	0.98	0.92	353AAV060120
CSPH*6012A**	0.98	0.90	353AAV060120
CAP**4821A**	0.97	0.93	355(A,C)AV060080
CAP**6021A**	0.98	0.92	355(A,C)AV060080
CNPH*4821A**	0.97	0.93	355(A,C)AV060080
CNPH*6024A**	0.99	0.93	355(A,C)AV060080
CNPV*4821A**	0.97	0.93	355(A,C)AV060080
CSPH*4812A**	0.97	0.93	355(A,C)AV060080
CSPH*6012A**	0.99	0.93	355(A,C)AV060080
CAP**4821A**	0.98	0.96	355(A,C)AV060100
CAP**6021A**	1.00	0.94	355(A,C)AV060100

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*4821A**	0.98	0.96	355(A,C)AV060100
CNPH*6024A**	1.00	0.94	355(A,C)AV060100
CNPV*4821A**	0.98	0.96	355(A,C)AV060100
CSPH*4812A**	0.98	0.96	355(A,C)AV060100
CSPH*6012A**	1.00	0.94	355(A,C)AV060100
CAP**4824A**	0.98	0.94	355(A,C)AV060120
CAP**6024A**	1.00	0.94	355(A,C)AV060120
CNPH*4821A**	0.98	0.92	355(A,C)AV060120
CNPH*6024A**	1.00	0.94	355(A,C)AV060120
CNPV*4824A**	0.98	0.94	355(A,C)AV060120
CNPV*6024A**	1.00	0.94	355(A,C)AV060120
CSPH*4812A**	0.98	0.94	355(A,C)AV060120
CSPH*6012A**	1.00	0.94	355(A,C)AV060120
CAP**4821A**	0.98	0.92	313*AV048090
CAP**6021A**	1.00	0.92	313*AV048090
CNPH*4821A**	0.98	0.92	313*AV048090
CNPH*6024A**	1.00	0.94	313*AV048090
CNPV*4821A**	0.98	0.92	313*AV048090
CSPH*4812A**	0.98	0.92	313*AV048090
CSPH*6012A**	1.00	0.92	313*AV048090
CAP**4821A**	0.98	0.92	313*AV060110
CAP**6021A**	1.00	0.92	313*AV060110
CNPH*4821A**	0.98	0.92	313*AV060110
CNPH*6024A**	1.00	0.92	313*AV060110
CNPV*4821A**	0.98	0.92	313*AV060110
CSPH*4812A**	0.98	0.92	313*AV060110
CSPH*6012A**	1.00	0.92	313*AV060110
CAP**4824A**	0.99	0.93	313*AV060135
CAP**6024A**	1.00	0.92	313*AV060135
CNPH*4821A**	0.99	0.93	313*AV060135
CNPH*6024A**	1.00	0.92	313*AV060135
CNPV*4824A**	0.99	0.93	313*AV060135
CNPV*6024A**	1.00	0.92	313*AV060135
CSPH*4812A**	0.99	0.93	313*AV060135
CSPH*6012A**	1.00	0.92	313*AV060135

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DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
113A*(A,W)060–F,G Outdoor Section With CAP**6024A** Indoor Section																			
1750	72 (22.2)	68.71	34.82	4.37	65.76	33.74	4.81	62.59	32.60	5.30	59.21	31.39	5.84	55.54	30.09	6.42	51.41	28.66	7.05
	67 (19.4)	63.16	43.00	4.29	60.43	41.90	4.74	57.50	40.73	5.23	54.39	39.50	5.77	51.03	38.20	6.36	47.32	36.77	6.99
	63 (17.2)††	59.15	41.80	4.24	56.59	40.69	4.68	53.84	39.50	5.18	50.92	38.26	5.72	47.79	36.96	6.31	44.36	35.54	6.95
	62 (16.7)	58.14	51.13	4.23	55.65	49.99	4.67	53.01	48.77	5.16	50.27	47.45	5.71	47.55	47.55	6.31	44.70	44.70	6.96
	57 (13.9)	56.63	56.63	4.21	54.60	54.60	4.66	52.42	52.42	5.16	50.09	50.09	5.71	47.55	47.55	6.31	44.71	44.71	6.96
2000	72 (22.2)	69.71	36.45	4.48	66.67	35.37	4.92	63.38	34.20	5.41	59.88	32.98	5.95	56.07	31.67	6.53	51.80	30.21	7.15
	67 (19.4)	64.15	45.67	4.40	61.31	44.55	4.85	58.27	43.36	5.34	55.05	42.13	5.87	51.58	40.80	6.46	47.74	39.34	7.10
	63 (17.2)††	60.14	44.30	4.35	57.47	43.18	4.79	54.61	41.98	5.28	51.60	40.73	5.82	48.36	39.39	6.42	44.82	37.93	7.06
	62 (16.7)	59.33	54.75	4.34	56.80	53.54	4.78	54.23	54.23	5.28	51.77	51.77	5.83	49.05	49.05	6.42	45.99	45.99	7.07
	57 (13.9)	58.75	58.75	4.33	56.59	56.59	4.78	54.26	54.26	5.28	51.77	51.77	5.83	49.05	49.05	6.42	46.00	46.00	7.07
2250	72 (22.2)	70.44	37.99	4.59	67.31	36.90	5.03	63.93	35.73	5.52	60.33	34.49	6.05	56.41	33.16	6.63	52.03	31.69	7.25
	67 (19.4)	64.85	48.20	4.51	61.94	47.09	4.95	58.82	45.89	5.44	55.52	44.63	5.98	51.96	43.27	6.56	48.04	41.75	7.20
	63 (17.2)††	60.84	46.68	4.45	58.11	45.56	4.90	55.17	44.34	5.39	52.08	43.07	5.93	48.77	41.69	6.52	45.14	40.17	7.16
	62 (16.7)	60.44	60.44	4.45	58.18	58.18	4.90	55.72	55.72	5.40	53.10	53.10	5.94	50.23	50.23	6.54	46.99	46.99	7.18
	57 (13.9)	60.47	60.47	4.45	58.19	58.19	4.90	55.73	55.73	5.40	53.10	53.10	5.94	50.23	50.23	6.54	47.00	47.00	7.18

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**6024A**	1.00	1.00	
CAP**6021A**	0.98	0.98	
CNPH*6024A**	0.99	1.00	
CNPV*6024A**	0.99	1.00	
CSPH*6012A**	1.00	1.00	
FE4ANB006	1.00	0.96	
FV4BNB006	1.00	0.96	
FX4CN(B,F)060	1.00	0.98	
CAP**6024A**	0.98	0.98	315(A,J)AV066135
CNPH*6024A**	0.98	0.97	315(A,J)AV066135

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*6024A**	0.98	0.97	315(A,J)AV066135
CSPH*6012A**	0.98	0.97	315(A,J)AV066135
CAP**6024A**	0.99	0.97	315(A,J)AV066155
CNPH*6024A**	0.99	0.97	315(A,J)AV066155
CNPV*6024A**	0.99	0.97	315(A,J)AV066155
CSPH*6012A**	0.98	0.97	315(A,J)AV066155
CAP**6021A**	0.98	0.98	353AAV060100
CNPH*6024A**	0.98	0.98	353AAV060100
CSPH*6012A**	0.98	0.98	353AAV060100

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**6024A**	0.98	0.98	353AAV060120
CNPH*6024A**	0.98	0.98	353AAV060120
CNPV*6024A**	0.98	0.98	353AAV060120
CSPH*6012A**	0.98	0.98	353AAV060120
CAP**6021A**	0.98	0.97	313*AV060110
CNPH*6024A**	0.98	0.97	313*AV060110
CSPH*6012A**	0.98	0.97	313*AV060110
CSPH*6012A**	0.98	0.97	313*AV060135

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* Tested combination.

† 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).

Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per AHRI standard 210/240–2008. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

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

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

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

EWB — Entering Wet Bulb

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

CONDENSER ONLY RATINGS*

SST °F (°C)		CONDENSER ENTERING AIR TEMPERATURES °F (°C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
113A*(A,W)018–D									
30 (–1.11)	TCG	16.10	15.20	14.20	13.30	12.30	11.30	10.20	9.10
	SDT	70.80	80.40	89.90	99.50	109.10	118.80	128.60	138.50
	KW	0.83	0.95	1.09	1.24	1.40	1.57	1.76	1.95
35 (1.67)	TCG	17.70	16.70	15.70	14.70	13.70	12.60	11.50	10.30
	SDT	71.90	81.40	90.90	100.40	109.90	119.60	129.40	139.10
	KW	0.83	0.95	1.09	1.24	1.40	1.58	1.77	1.97
40 (4.44)	TCG	19.50	18.40	17.40	16.20	15.10	14.00	12.80	11.50
	SDT	73.00	82.50	91.90	101.30	110.80	120.40	130.10	139.70
	KW	0.83	0.95	1.09	1.23	1.40	1.58	1.77	1.98
45 (7.22)	TCG	21.30	20.20	19.00	17.90	16.70	15.40	14.20	12.80
	SDT	74.20	83.60	93.00	102.30	111.70	121.20	130.70	140.30
	KW	0.83	0.95	1.08	1.23	1.40	1.58	1.78	1.99
50 (10.0)	TCG	23.30	22.00	20.80	19.50	18.20	16.90	15.60	14.20
	SDT	75.40	84.80	94.10	103.40	112.60	122.00	131.40	140.90
	KW	0.82	0.95	1.08	1.23	1.40	1.58	1.78	1.99
55 (12.78)	TCG	25.20	23.90	22.50	21.20	19.80	18.50	17.00	15.50
	SDT	76.70	86.00	95.20	104.40	113.60	122.90	132.20	141.50
	KW	0.82	0.94	1.08	1.23	1.39	1.58	1.78	1.99
113A*(A,W)024–D									
30 (–1.11)	TCG	21.30	20.10	18.90	17.70	16.50	15.20	14.00	12.60
	SDT	73.00	82.40	91.80	101.20	110.60	120.20	129.80	139.40
	KW	1.06	1.21	1.37	1.56	1.77	1.99	2.24	2.51
35 (1.67)	TCG	23.40	22.10	20.90	19.60	18.20	16.90	15.50	14.10
	SDT	74.40	83.60	93.00	102.30	111.70	121.10	130.60	140.20
	KW	1.06	1.21	1.38	1.57	1.77	2.00	2.25	2.52
40 (4.44)	TCG	25.60	24.20	22.90	21.50	20.00	18.60	17.10	15.60
	SDT	75.80	85.00	94.20	103.50	112.70	122.10	131.50	140.90
	KW	1.07	1.22	1.39	1.58	1.78	2.01	2.26	2.53
45 (7.22)	TCG	27.90	26.40	24.90	23.40	21.90	20.40	18.80	17.10
	SDT	77.30	86.30	95.50	104.70	113.80	123.10	132.30	141.60
	KW	1.08	1.23	1.40	1.58	1.79	2.02	2.27	2.54
50 (10.0)	TCG	30.20	28.60	27.00	25.40	23.70	22.10	20.40	18.60
	SDT	78.80	87.80	96.80	105.90	114.90	124.10	133.30	142.40
	KW	1.09	1.24	1.40	1.59	1.80	2.03	2.28	2.55
55 (12.78)	TCG	32.60	30.80	29.10	27.30	25.60	23.90	22.10	20.20
	SDT	80.30	89.20	98.20	107.10	116.10	125.20	134.20	143.10
	KW	1.09	1.25	1.41	1.60	1.81	2.03	2.28	2.55
113A*(A,W)030–E									
30 (–1.11)	TCG	25.40	24.00	22.60	21.10	19.60	18.00	16.40	14.60
	SDT	74.40	83.60	92.90	102.10	111.40	120.80	130.20	139.60
	KW	1.35	1.52	1.70	1.91	2.13	2.37	2.63	2.89
35 (1.67)	TCG	28.00	26.50	24.90	23.40	21.70	20.00	18.30	16.40
	SDT	75.90	85.00	94.20	103.40	112.60	121.90	131.20	140.50
	KW	1.35	1.52	1.71	1.92	2.15	2.39	2.65	2.92
40 (4.44)	TCG	30.70	29.10	27.40	25.70	24.00	22.20	20.30	18.40
	SDT	77.40	86.50	95.60	104.70	113.80	123.00	132.20	141.40
	KW	1.35	1.53	1.72	1.93	2.15	2.40	2.67	2.95
45 (7.22)	TCG	33.50	31.80	30.00	28.20	26.30	24.40	22.40	20.30
	SDT	79.00	88.00	97.00	106.10	115.10	124.20	133.30	142.30
	KW	1.36	1.53	1.72	1.93	2.16	2.42	2.69	2.97
50 (10.0)	TCG	36.50	34.60	32.70	30.70	28.70	26.70	24.60	22.30
	SDT	80.70	89.70	98.50	107.50	116.40	125.40	134.30	143.20
	KW	1.36	1.54	1.73	1.94	2.17	2.43	2.70	2.99
55 (12.78)	TCG	39.50	37.40	35.30	33.20	31.10	29.00	26.70	24.30
	SDT	82.40	91.30	100.10	108.90	117.80	126.60	135.40	144.20
	KW	1.37	1.54	1.74	1.95	2.18	2.44	2.71	3.00
113A*(A,W)036–E									
30 (–1.11)	TCG	30.30	28.80	27.20	25.50	23.80	22.00	20.00	18.00
	SDT	73.20	82.20	91.40	100.60	109.90	119.10	128.40	137.80
	KW	1.65	1.85	2.07	2.30	2.57	2.88	3.25	3.68
35 (1.67)	TCG	33.50	31.80	30.10	28.30	26.40	24.40	22.30	20.10
	SDT	74.80	83.80	92.80	102.00	111.10	120.30	129.50	138.70
	KW	1.66	1.87	2.08	2.32	2.59	2.90	3.26	3.69
40 (4.44)	TCG	37.00	35.10	33.20	31.20	29.20	27.00	24.80	22.40
	SDT	76.60	85.40	94.40	103.40	112.40	121.50	130.60	139.70
	KW	1.68	1.89	2.10	2.34	2.61	2.92	3.28	3.70
45 (7.22)	TCG	40.70	38.60	36.50	34.30	32.10	29.80	27.40	24.80
	SDT	78.50	87.20	96.00	104.90	113.80	122.80	131.80	140.80
	KW	1.70	1.91	2.13	2.37	2.63	2.94	3.30	3.72
50 (10.0)	TCG	44.60	42.30	40.00	37.70	35.30	32.80	30.20	27.40
	SDT	80.50	89.10	97.80	106.50	115.30	124.20	133.00	141.90
	KW	1.73	1.94	2.16	2.40	2.66	2.97	3.32	3.73
55 (12.78)	TCG	48.80	46.30	43.80	41.30	38.70	36.00	33.20	30.20
	SDT	82.60	91.10	99.60	108.20	116.90	125.60	134.30	143.00
	KW	1.77	1.97	2.19	2.43	2.70	3.00	3.35	3.76

See notes on page 32

CONDENSER ONLY RATINGS* CONTINUED

SST °F (°C)		CONDENSER ENTERING AIR TEMPERATURES °F (°C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
113A*(A,W)042 – C									
30 (–1.11)	TCG	38.00	36.00	33.90	31.90	29.70	27.60	25.30	22.90
	SDT	73.20	82.30	91.40	100.60	109.80	119.10	128.40	137.70
	KW	1.95	2.20	2.48	2.80	3.14	3.53	3.95	4.41
35 (1.67)	TCG	41.90	39.70	37.40	35.10	32.80	30.50	28.00	25.50
	SDT	74.80	83.70	92.80	101.90	111.00	120.20	129.40	138.60
	KW	1.97	2.22	2.50	2.81	3.16	3.54	3.97	4.43
40 (4.44)	TCG	46.00	43.60	41.10	38.70	36.20	33.60	30.90	28.10
	SDT	76.40	85.20	94.20	103.20	112.20	121.30	130.40	139.50
	KW	1.98	2.23	2.52	2.83	3.18	3.56	3.98	4.44
45 (7.22)	TCG	50.30	47.70	45.10	42.40	39.60	36.80	33.90	30.90
	SDT	78.10	86.90	95.70	104.60	113.50	122.50	131.40	140.40
	KW	2.01	2.26	2.54	2.85	3.19	3.58	4.00	4.45
50 (10.0)	TCG	54.90	52.10	49.20	46.20	43.20	40.20	37.00	33.60
	SDT	80.00	88.60	97.20	106.00	114.80	123.70	132.50	141.30
	KW	2.03	2.28	2.56	2.87	3.21	3.60	4.01	4.47
55 (12.78)	TCG	59.70	56.60	53.40	50.20	46.90	43.50	40.10	36.40
	SDT	81.90	90.30	98.90	107.50	116.20	124.90	133.60	142.20
	KW	2.06	2.30	2.58	2.89	3.23	3.62	4.03	4.48
113A*(A,W)048 – E									
30 (–1.11)	TCG	41.10	38.90	36.70	34.40	32.10	29.70	27.20	24.50
	SDT	73.80	83.00	92.30	101.60	111.00	120.40	129.70	139.10
	KW	2.19	2.46	2.76	3.10	3.47	3.87	4.30	4.76
35 (1.67)	TCG	45.20	42.80	40.50	38.00	35.50	32.90	30.20	27.40
	SDT	75.30	84.40	93.70	102.90	112.20	121.50	130.80	140.00
	KW	2.22	2.49	2.79	3.13	3.50	3.90	4.34	4.81
40 (4.44)	TCG	49.60	47.10	44.50	41.90	39.20	36.40	33.50	30.40
	SDT	76.90	86.00	95.10	104.30	113.40	122.60	131.80	141.00
	KW	2.24	2.51	2.82	3.15	3.53	3.93	4.38	4.85
45 (7.22)	TCG	54.30	51.60	48.80	46.00	43.10	40.10	36.90	33.60
	SDT	78.50	87.50	96.60	105.70	114.70	123.80	132.90	142.00
	KW	2.27	2.54	2.85	3.19	3.56	3.97	4.41	4.89
50 (10.0)	TCG	59.30	56.40	53.40	50.30	47.10	43.90	40.50	36.90
	SDT	80.20	89.20	98.10	107.10	116.10	125.10	134.10	143.00
	KW	2.30	2.58	2.88	3.22	3.59	4.00	4.45	4.92
55 (12.78)	TCG	64.60	61.40	58.10	54.80	51.40	47.90	44.20	40.30
	SDT	82.10	91.00	99.80	108.70	117.50	126.40	135.20	144.00
	KW	2.34	2.61	2.92	3.25	3.63	4.04	4.48	4.96
113A*(A,W)060 – F,G									
30 (–1.11)	TCG	54.90	51.90	49.00	46.00	42.90	39.80	36.50	33.10
	SDT	77.60	86.40	95.30	104.20	113.20	122.20	131.20	140.20
	KW	2.73	3.07	3.45	3.88	4.34	4.85	5.41	6.01
35 (1.67)	TCG	60.30	57.10	53.90	50.70	47.30	43.90	40.30	36.50
	SDT	79.50	88.20	97.00	105.80	114.70	123.60	132.50	141.30
	KW	2.79	3.13	3.51	3.94	4.40	4.92	5.48	6.08
40 (4.44)	TCG	66.00	62.60	59.10	55.50	51.90	48.20	44.30	40.10
	SDT	81.60	90.20	98.80	107.50	116.30	125.00	133.80	142.50
	KW	2.86	3.20	3.58	4.00	4.47	4.98	5.54	6.15
45 (7.22)	TCG	72.10	68.30	64.50	60.70	56.70	52.60	48.40	43.80
	SDT	83.80	92.20	100.70	109.30	117.90	126.50	135.10	143.60
	KW	2.93	3.27	3.65	4.08	4.54	5.06	5.61	6.21
50 (10.0)	TCG	78.50	74.40	70.20	66.00	61.60	57.20	52.50	47.50
	SDT	86.10	94.40	102.70	111.20	119.60	128.10	136.50	144.80
	KW	3.01	3.35	3.73	4.15	4.62	5.13	5.68	6.27
55 (12.78)	TCG	85.10	80.60	76.10	71.40	66.70	61.80	56.70	51.20
	SDT	88.60	96.60	104.80	113.10	121.40	129.70	137.90	146.00
	KW	3.09	3.44	3.81	4.24	4.70	5.21	5.75	6.34

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

KW – Outdoor Unit Kilowatts Only.

SDT – Saturated Temperature Leaving Compressor (°F/°C)

SST – Saturated Temperature Entering Compressor (°F/°C)

TCG – Gross Cooling Capacity (1000 Btuh)

GUIDE SPECIFICATIONS
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 AHRI Standard 210.
- — Unit will be certified for capacity and efficiency, and listed in the latest AHRI 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-us 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.

Unit Cabinet

- — Unit cabinet will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.
- — 3 phase equipment available with dense grille only.
- — Single phase equipment available with wide (W) or dense (A) grille option.

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 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.
- — Unit will be equipped with high-pressure switch, low pressure switch and filter drier for Puron refrigerant.

Operating Characteristics

- — The capacity of the unit will meet or exceed _____ Btuh at a suction temperature of _____ °F/°C. 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/°C wet bulb and _____ °F/°C dry bulb, and air entering the unit at _____ °F/°C.
- — 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.
- — Nominal unit electrical characteristics will be _____ v, three 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.

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. For interconnecting refrigerant tube lengths greater than 80 ft (23.4 m) and/or 35 ft (10.7 m) vertical differential, consult Residential Piping and Longline Guideline and Service Manual available from equipment distributor.
6. If any refrigerant tubing is buried, provide a 6 in. (152.4 mm) vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. (914.4 mm) may be buried without further consideration. Do not bury refrigerant lines longer than 36 in. (914.4 mm).
7. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
8. Do not apply capillary tube indoor coils to these units.
9. Factory-supplied filter drier must be installed.

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