

**187B (2 - 5 Ton)
180B (3 Ton Trophy)
EVOLUTION™ 17 AIR CONDITIONER
WITH PURON® REFRIGERANT**



Product Data



**EVOLUTION™
SYSTEM**

Bryant's air conditioners with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 187B and 180B have been designed utilizing Bryant's Puron® refrigerant. The environmentally sound refrigerant allows consumers to make a responsible decision in the protection of the earth's ozone layer.

As an Energy Star® Partner, Bryant Heating & Cooling Systems 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

- 14 - 20 SEER / 11.6 - 14.5 EER
- Microtube Technology™ refrigeration system
- Indoor air quality accessories available

Sound

- Sound level as low as 71 dBA

Comfort

- System supports Evolution™ Control or standard 2-stage thermostat controls

Reliability

- Puron® refrigerant - environmentally sound, won't deplete the ozone layer and low lifetime service cost.
- Front-seating service valves
- 2-stage scroll compressor
- Internal pressure relief valve
- Internal thermal overload
- Low pressure switch
- High pressure switch
- Filter drier
- Balanced refrigeration system for maximum reliability

Durability

DuraGuard™ protection package:

- Solid, Durable sheet metal construction
- Steel louver coil guard
- Baked-on, complete outer coverage, powder paint

Applications

- Long-line - up to 250 feet (76.2 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.)

MODEL NUMBER NOMENCLATURE

1 N	2 N	3 N	4 A	5 A/N	6 N	7 N	8 N	9 N	10 A/N	11 A/N	12 N	14 A
1	8	7	B	N	A	0	3	6	0	0	0	A
Product Family	Tier	SEER	Major Series	Voltage	Variations	Cooling Capacity			Open	Open	Open	Minor Series
1=AC	8= Evolution Series	7, 0 =17 SEER Nominal	B=Puron	N= 208–230–1	A = Standard				0=Not Defined	0= Not Defined	0= Not Defined	A = Original Series



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.



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.**

STANDARD FEATURES

FEATURES	MODEL UNIT SIZE – SERIES				
	187BNA				180BNA
	024 – A	036 – A	048 – A	060 – A	036 – A
Puron Refrigerant	X	X	X	X	X
Maximum SEER Rating	17.0	18.0	17.5	17.0	20.0
2–Stage Scroll Compressor	X	X	X	X	X
Crankcase Heater w/Temperature Switch	X	X	X	X	X
Long line Capability	X	X	X	X	X
Low Ambient Capability to 0°F (–17.8°C) w/Evolution Control	X	X	X	X	X
Advanced Diagnostics with Evolution Control	X	X	X	X	X
Utility Interface Connection	X	X	X	X	X
Louvered Coil Guard	X	X	X	X	X
Field Installed Filter Drier	X	X	X	X	X
Front Seating Service Valves	X	X	X	X	X
Internal Pressure Relief Valve	X	X	X	X	X
Internal Thermal Overload	X	X	X	X	X
Long Line capability	X	X	X	X	X
Low Pressure Switch	X	X	X	X	X
High Pressure Switch	X	X	X	X	X
Sound Blanket	X	X	X	X	X

* With approved combinations

X = Standard

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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 :

Maximum Total Equivalent Length Outdoor Unit BELOW Indoor Unit

Size	Liquid Line Connection	Liquid Line Diam. w/TVX	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)
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*
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*
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

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Maximum Total Equivalent Length Outdoor Unit ABOVE Indoor Unit

Size	Liquid Line Connection	Liquid Line Diam. w/TVX	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)
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*
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*
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.

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.(266.16 g). 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 2-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 (46.0–50.3)	176–200 (53.6–60.0)	201–225 (61.3–68.6)	226–250 (68.9–76.2)
024 2-Stage Puron AC	3/8	5/8	0	1	1	2	3	3	4	4	5
		3/4	0	0	0	0	1	1	1	1	1
036 2-Stage Puron AC	3/8	5/8	1	2	4	5	6	7	9	10	11
		3/4	0	0	1	1	2	2	3	3	4
		7/8	0	0	0	0	1	1	1	1	2
048 2-Stage Puron AC	3/8	3/4	1	2	2	3	4	5	6	7	7
		7/8	0	1	1	2	2	2	3	3	3
		1–1/8	0	0	—	—	—	—	—	—	—
060 2-Stage Puron AC	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*.

— Applications in this area are not recommended due to insufficient oil return

PHYSICAL DATA

Model	187BNA				180BNA
Unit Size – Series	024–A	036–A	048–A	060–A	036–A
Operating Weight lb (kg)	222 (101)	224 (102)	324 (147)	334 (152)	306 (139)
Shipping Weight lb (kg)	261 (118)	263 (119)	381 (173)	391 (177)	372 (169)
Compressor Type	2-Stage Scroll				
REFRIGERANT	Puron® (R-410A)				
Control	TXV (Puron® Hard Shutoff)				
Charge lb (kg)	6.63 (3.01)	6.88 (3.12)	11.63 (5.27)	15.13 (6.86)	13.37 (6.06)
COND FAN	Propeller Type, Direct Drive				
Air Discharge	Vertical				
Air Qty (CFM)	3100	3400	4300	4450	3100 / 3600
Motor HP	1/10	1/5	1/4	1/4	1/5
Motor RPM	800	800	800	800	582 / 690
COND COIL					
Face Area (Sq ft)	21.56	21.56	25.15	30.18	25.15
Fins per In.	25	25	20	20	20
Rows	1	1	2	2	2
Circuits	4	4	7	8	7
VALVE CONNECT. (In. ID)					
Vapor	3/4	7/8	7/8	7/8	7/8
Liquid	3/8				3/8
REFRIGERANT TUBES (In. OD)					
Rated Vapor*	3/4	7/8	1–1/8	1–1/8	7/8
Liquid	3/8				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.

ELECTRICAL DATA

MODEL	UNIT SIZE – SERIES	V – PH – Hz	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	
187BNA	024 – A	208/230 – 1 – 60	253	197	52.0	10.30	0.7	13.6	14.00	14.00	60 (18.3)	57 (17.4)	20
	036 – A	208/230 – 1 – 60			82.0	16.70	1.2	22.1	14.00	14.00	45 (13.7)	44 (13.4)	35
	048 – A	208/230 – 1 – 60			96.0	21.20	1.3	27.8	12.00	12.00	51 (15.5)	49 (14.9)	40
	060 – A	208/230 – 1 – 60			118.0	23.00	1.3	30.1	8.00	10.00	93 (28.3)	57 (17.4)	50
180BNA	036 – A	208/230 – 1 – 60	253	197	82.0	16.70	2.4	23.3	14.00	14.00	45 (13.7)	44 (13.4)	35

* 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 (dBA)

UNIT SIZE	STANDARD RATING (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
187BNA024	*71–low stage	53.0	62.0	64.5	66.5	63.0	60.5	52.5
	72–high stage	54.0	61.5	66.5	66.5	63.5	60.5	55.5
187BNA036	*72–low stage	54.0	61.5	66.5	68.0	63.5	60.5	53.5
	72–high stage	54.5	61.5	67.5	68.0	62.0	59.5	54.5
187BNA048	*72–low stage	54.5	63.0	67.0	67.0	64.5	61.0	56.5
	73–high stage	55.0	63.0	68.0	67.5	63.5	62.0	57.5
187BNA060	*73–low stage	56.5	62.0	67.5	69.5	64.5	60.0	53.5
	73–high stage	55.0	62.0	67.0	68.5	64.5	60.0	53.5
180BNA036	*72–low stage	55.5	58.5	64.0	67.0	64.5	59.5	53.5
	72–high stage	56.5	60.0	66.0	66.0	60.0	56.5	53.0

NOTE: Tested in accordance with AHRI Standard 270–08. (Not listed with AHRI).

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE – SERIES	REQUIRED SUBCOOLING °F (°C)
187BNA024 – A	10 (5.6)
187BNA036 – A	10 (5.6)
187BNA048 – A	10 (5.6)
187BNA060 – A	10 (5.6)
180BNA036 – A	10 (5.6)

ACCESSORIES

KIT NUMBER	KIT NAME	024 – A	036 – A	048 – A	060 – A
KSAHS2301AAA	HARD START KIT	X			
KSAHS2401AAA	HARD START KIT		X		
KSAHS2501AAA	HARD START KIT			X	
KSAHS2601AAA	HARD START KIT				X
KSASF0101AAA	SUPPORT FEET	X	X	X	X
KSATX0201PUR	TXV	X			
KSATX0301PUR	TXV		X		
KSATX0401PUR	TXV			X	
KSATX0501PUR	TXV				X

x = Accessory

CONTROLS

CONTRIL	DESCRIPTION
SYSTXBBUID01 – B*	Evolution Control Deluxe 7 – Day Programmable (Wall – mounted system control.)
SYSTXBBUIZ01 – B*	Evolution Control Deluxe Zoning 7 – Day Programmable (Wall – mounted control for a multi – zone system.)
SYSTXBB4ZC01	Evolution 4 – Zone Damper Control Module (Wall – mounted control for a four – zone system.)
SYSTXBBSMS01	Evolution Smart Sensor (Optional wall control used to monitor temperature and/or fan control in an individual zone.)
SYSTXBBRRS01	Evolution Remote Room Sensor (Monitors temperature in an individual zone.)
SYSTXBBSAM01	Evolution System Access Module (Hardware for wireless access and control via phone or internet.)
SYSTXBBNIM01	Evolution Network Interface Module (Connects Heat Recovery and Energy Recovery Ventilators on non – zoning applications.)
SYSTXXBPU01	Decorative Back Plate for Evolution Control (Decorative wall plate.)

*These Evolution series units must use " – A" revision or later to operate properly.

THERMOSTATS

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
T6 – PRH01 – A	Programmable Thermidistat
T6 – NRH01 – A	Non – programmable Thermidistat
T6 – PAC01	Preferred Series Programmable AC Stat
T6 – NAC01	Preferred Series Non – programmable AC Stat
TSTATBBSEN01 – B	Outdoor Air Temperature Sensor
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXNBP01	Backplate for Non – Programmable Thermostat
TSTATXXBP01	Backplate for Programmable Thermostat
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 wires) – 10 Pack

ACCESSORY USAGE GUIDELINE

ACCESSORY	REQUIRED FOR LONG LINE APPLICATIONS*	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles/3.22 km)
Compressor Start Assist Capacitor and Relay	Yes	No
Crankcase Heater	Standard	Standard
Evaporator Freeze Protection	No	No
Liquid-Line Solenoid Valve	No	No
Low-Ambient Control	No	No
Puron Refrigerant Balance Port Hard-ShutOff TXV	Yes†	Yes†
Support Feet	No	Recommended
Winter Start Control	No	No

* For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 20 ft. (6.09 m) vertical differential, refer to Residential Piping and Longline Guideline.

† Required on all indoor units. Standard on all new Puron refrigerant fan coils and furnace coils.

Accessory Description and Usage (Listed Alphabetically)

1. 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

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

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

2. 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.

3. 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.

4. 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.

5. 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.

6. 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.

7. Winter Start Control

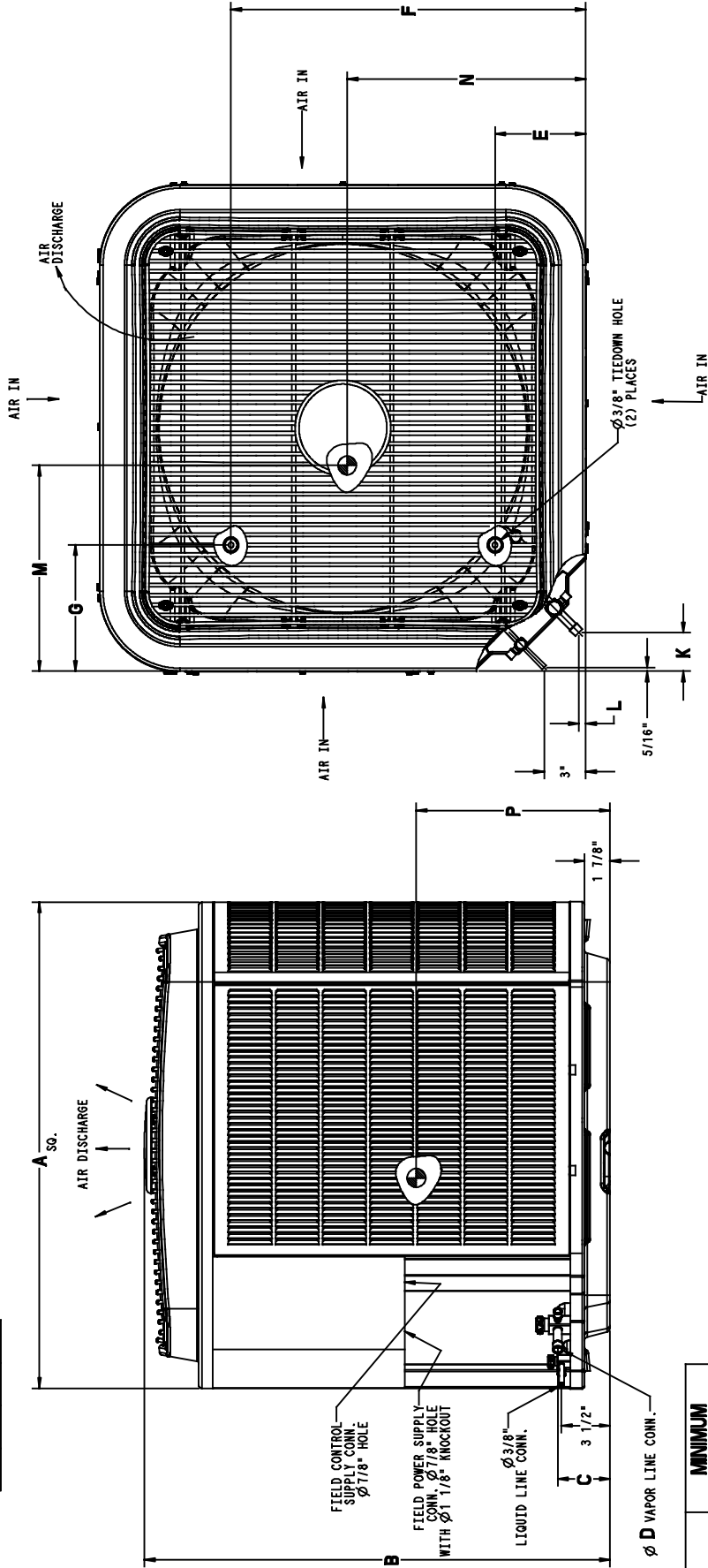
This control is designed to alleviate nuisance opening of the low-pressure switch by bypassing it for the first 3 minutes of operation.

DIMENSIONS - 187BNA 2-5 TON (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)																	
187B024	A	X	0	0	31	3/16"	38	15/16"	3	3/4"	3/4"	6	9/16"	24	11/16"	9	1/8"	2	13/16"	1/2"	14	1/4"	17	1/4"	19	1/2"	222	261	32	15/16"	X	35	1/2"	X	46	1/8"
187B036	A	X	0	0	31	3/16"	38	15/16"	3	7/8"	7/8"	6	9/16"	24	11/16"	9	1/8"	2	15/16"	5/8"	14	1/4"	17	1/4"	19	1/2"	224	263	32	15/16"	X	35	1/2"	X	46	1/8"
187B048	A	X	0	0	35"	40	1/4"	3	7/8"	7/8"	6	9/16"	28	7/16"	9	1/8"	2	15/16"	5/8"	18"	17	1/2"	20"	324	381	36	1/8"	X	39	1/4"	X	46	1/8"			
187B060	A	X	0	0	35"	47	1/16"	3	7/8"	7/8"	6	9/16"	28	7/16"	9	1/8"	2	15/16"	5/8"	17	7/8"	18	5/8"	21"	334	391	36	1/8"	X	39	1/4"	X	50	13/16"		

208-230-160	230-160	208/230-3-60	460-3-60
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X = YES
O = NO



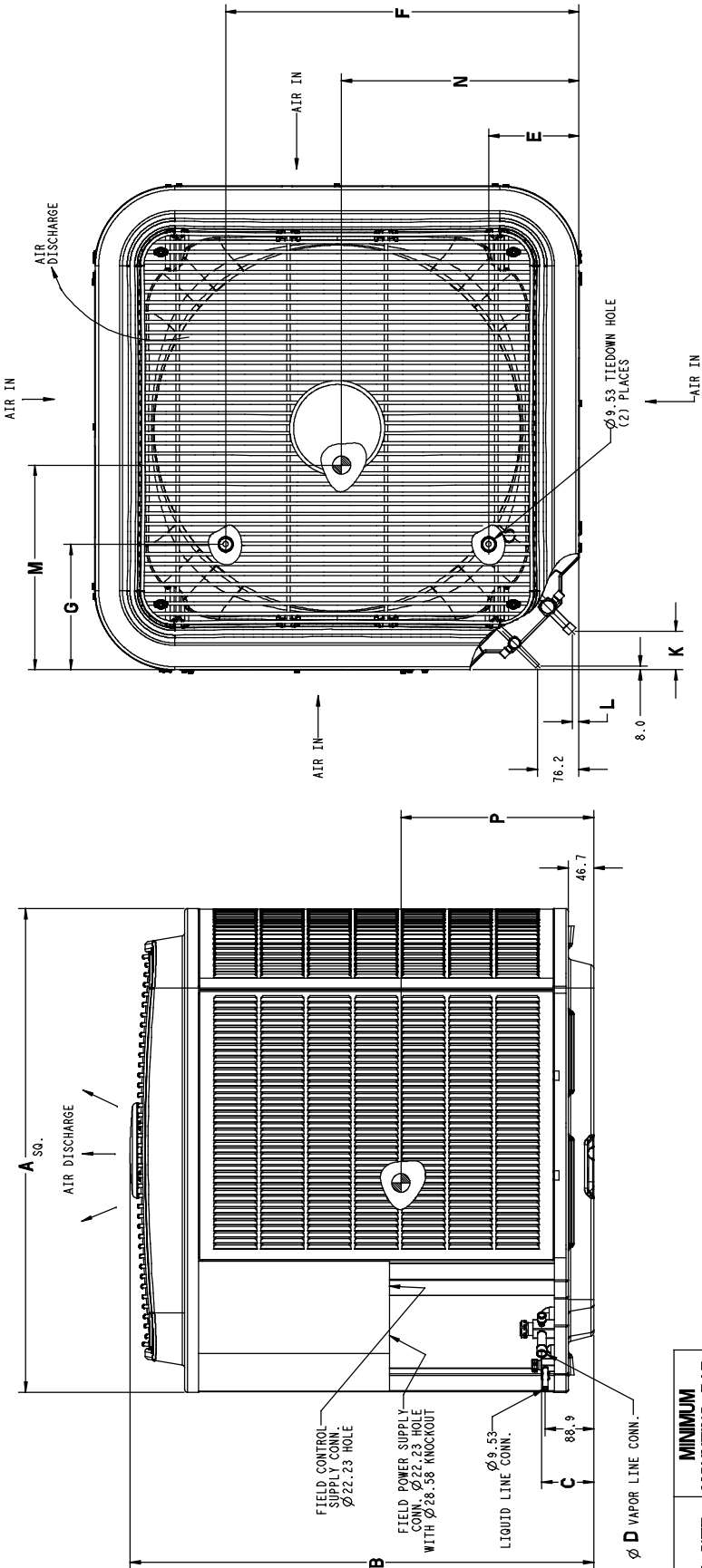
UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	26" X 26"
24, 36	31 1/2" X 31 1/2"
48, 60	35" X 35"

DIMENSIONS - 187BNA 2-5 TON (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)	
187B024	A	X	0	0	792.5	988.3	95.6	19.1	166.1	626.3	231.3	70.9	12.8	362.0	438.2	495.3	100.7	118.4	821.2 X 901.2 X 1172.2
187B036	A	X	0	0	792.5	988.3	97.9	22.2	166.1	626.3	231.3	74.5	16.3	362.0	438.2	495.3	101.6	119.3	821.2 X 901.2 X 1172.2
187B048	A	X	0	0	889.0	1022.9	97.9	22.2	166.1	722.8	231.3	74.5	16.3	457.2	444.5	508.0	147.0	172.8	917.7 X 997.7 X 1172.2
187B060	A	X	0	0	889.0	1195.7	97.9	22.2	166.1	722.8	231.3	74.5	16.3	454.0	473.1	533.4	151.5	177.4	917.7 X 997.7 X 1290.3

X = YES
0 = NO

208-230-160	230-160	208/230-3-60	460-3-60
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UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	660.4 X 660.4
24.36	800.1 X 800.1
48.60	889.0 X 889.0

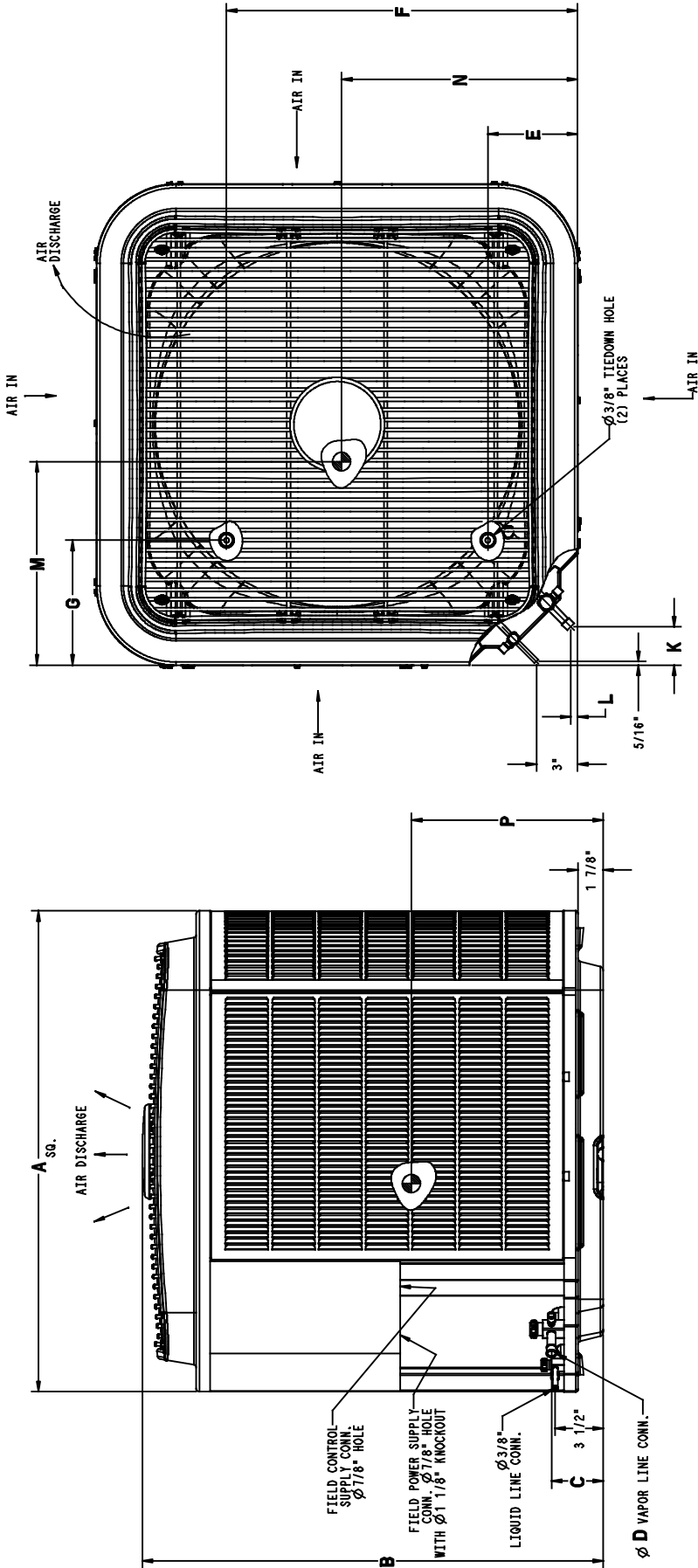
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DIMENSIONS - 180BNA 3 TON TROPHY (ENGLISH)

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)	
180B036	A	X	0	0	0	35"	40 1/4"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16"	16 1/2"	17 1/4"	306	372	36 1/8" X 39 1/4" X 46 1/8"	

208-230-160	230-160	208/230-3-60	460-3-60
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X = YES
O = NO



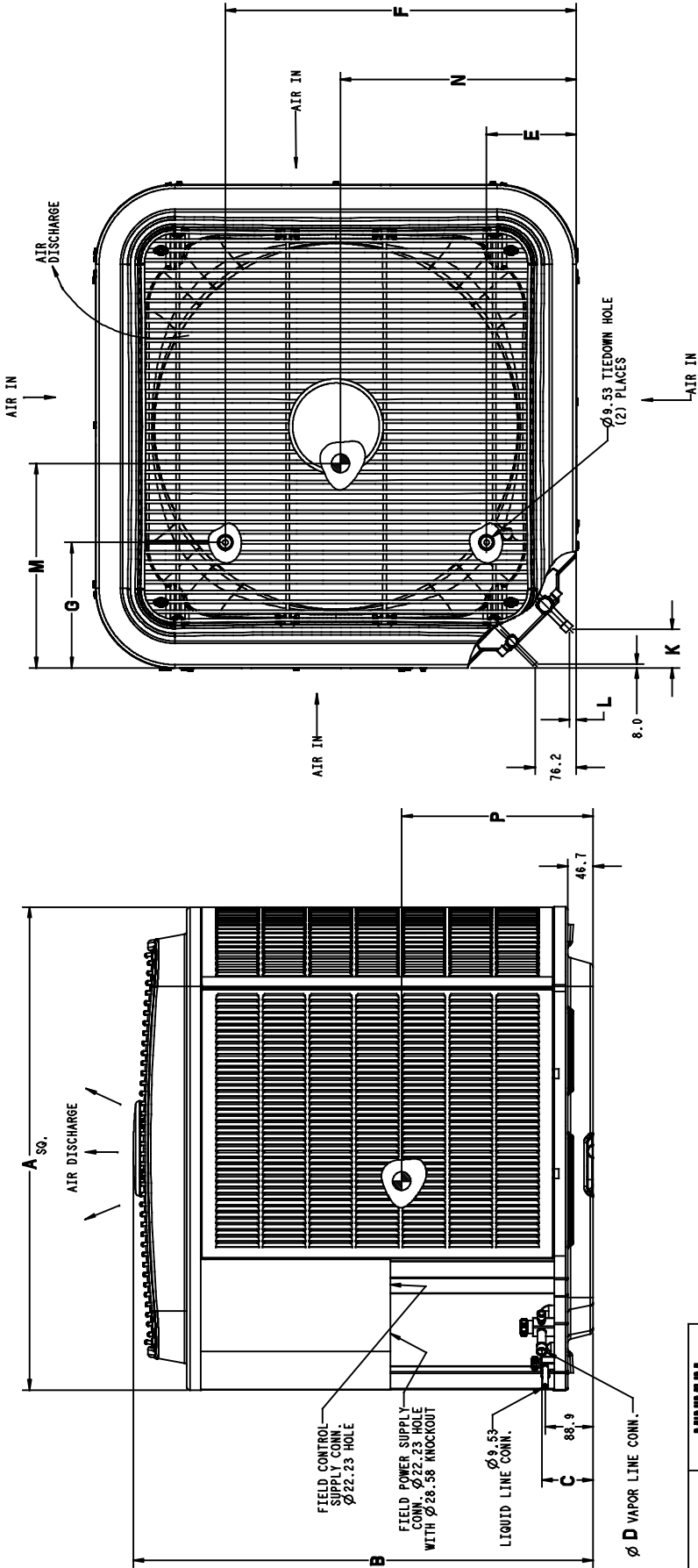
UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	26" X 26"
-	31 1/2" X 31 1/2"
36	35" X 35"

DIMENSIONS - 180BNA 3 TON TROPHY (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)				
180B036	A	X	0	0	0	889.0	1022.9	97.9	22.2	166.1	722.8	231.3	74.5	16.3	406.4	419.1	438.2	139	169	917.7	X	997.7	X	1172.2

208-230-160	230-160	208/230-3-60	460-3-60
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X = YES
O = NO

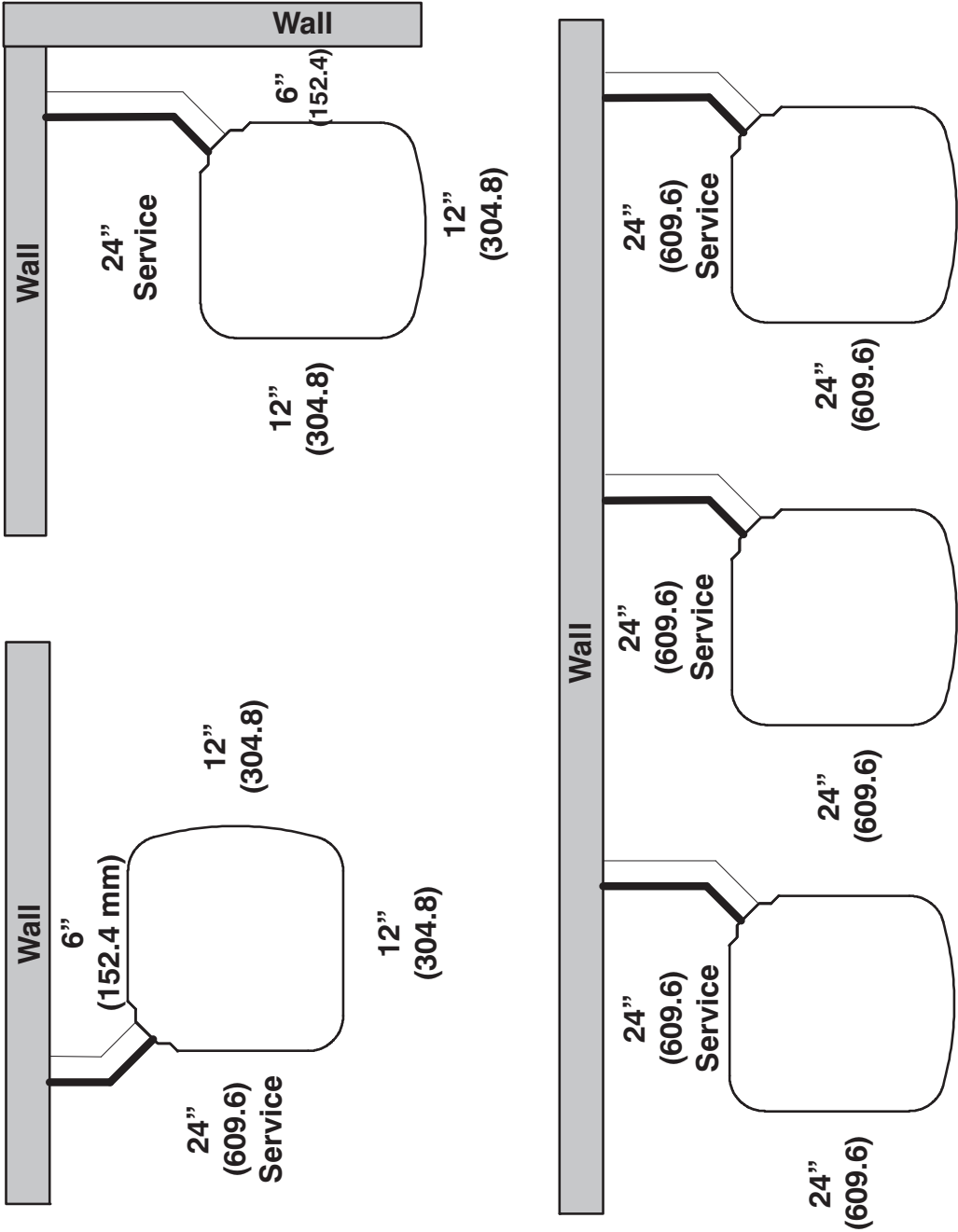


UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	660.4 X 660.4
-	800.1 X 800.1
36	889.0 X 889.0

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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.

COMBINATION RATINGS

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747088	187BNA024****A	†CNPV*4217A**	313*AV024045	25,200	21,000	13.2	16.0	715	585
3747089	187BNA024****A	CAP**2414A**+TDR		24,200	20,000	11.8	14.0	700	560
3747187	187BNA024****A	CAP**2417A**	353AAV036040	25,200	21,200	13.3	16.5	765	655
3747200	187BNA024****A	CAP**2417A**	368RAN036105	24,800	20,600	13.2	16.5	715	585
3747199	187BNA024****A	CAP**2417A**	374RAN036105	24,600	20,200	13.0	16.0	660	520
3747090	187BNA024****A	CAP**2417A**+TDR		24,200	20,000	11.8	14.0	700	560
3747092	187BNA024****A	CAP**2417A**+UI	315(A,J)AV048090	24,600	20,400	13.2	16.0	670	535
3747091	187BNA024****A	CAP**2417A**+UI	355(A,C)AV042060	24,800	20,600	13.2	16.0	725	580
3747468	187BNA024****A	CAP**2417A**+UI	355BAV042060	24,800	20,600	13.2	16.0	725	580
3747095	187BNA024****A	CAP**3014A**	313*AV024045	25,000	20,600	13.0	16.0	720	585
3747093	187BNA024****A	CAP**3014A**+TDR		24,400	20,000	11.9	14.0	700	560
3747094	187BNA024****A	CAP**3014A**+UI	315(A,J)AV036070	24,600	20,200	13.1	16.0	660	530
3747188	187BNA024****A	CAP**3017A**	353AAV036040	25,400	21,200	13.5	16.5	785	680
3747202	187BNA024****A	CAP**3017A**	368RAN036105	25,000	20,600	13.0	16.5	715	585
3747201	187BNA024****A	CAP**3017A**	374RAN036105	24,600	20,200	13.0	16.0	660	520
3747096	187BNA024****A	CAP**3017A**+TDR		24,400	20,000	11.9	14.0	700	560
3747098	187BNA024****A	CAP**3017A**+UI	315(A,J)AV048090	24,800	20,400	13.3	16.0	670	535
3747097	187BNA024****A	CAP**3017A**+UI	355(A,C)AV042060	25,000	20,600	13.3	16.5	725	580
3747469	187BNA024****A	CAP**3017A**+UI	355BAV042060	25,000	20,600	13.3	16.5	725	580
3747101	187BNA024****A	CAP**3614A**	313*AV024045	25,000	20,800	13.1	16.0	725	590
3747099	187BNA024****A	CAP**3614A**+TDR		24,400	20,200	11.9	14.0	700	560
3747100	187BNA024****A	CAP**3614A**+UI	315(A,J)AV036070	24,800	20,400	13.1	16.0	660	530
3747190	187BNA024****A	CAP**3617A**	353AAV036040	25,400	21,400	13.5	17.0	790	695
3747102	187BNA024****A	CAP**3617A**+TDR		24,400	20,200	11.9	14.0	700	560
3747104	187BNA024****A	CAP**3617A**+UI	315(A,J)AV048090	24,800	20,400	13.3	16.5	670	535
3747103	187BNA024****A	CAP**3617A**+UI	355(A,C)AV042060	25,200	20,800	13.4	16.5	725	580
3747470	187BNA024****A	CAP**3617A**+UI	355BAV042060	25,200	20,800	13.4	16.5	725	580
3747185	187BNA024****A	CAP**3619A**	359BAV036040	25,000	20,600	13.0	16.0	765	595
3747186	187BNA024****A	CAP**3619A**	359BAV036060	25,000	21,000	13.0	16.0	820	640
3747184	187BNA024****A	CAP**3619A**+TDR		24,000	20,000	11.8	14.0	700	560
3747105	187BNA024****A	CAP**3621A**+TDR		24,400	20,200	11.9	14.0	700	560
3747109	187BNA024****A	CAP**3621A**+UI	315(A,J)AV060110	24,800	20,400	13.3	16.5	675	540
3747106	187BNA024****A	CAP**3621A**+UI	355(A,C)AV042080	24,800	20,400	13.3	16.5	660	530
3747107	187BNA024****A	CAP**3621A**+UI	355(A,C)AV060080	24,600	20,200	13.2	16.0	630	505
3747108	187BNA024****A	CAP**3621A**+UI	355(A,C)AV060100	24,800	20,400	13.3	16.5	665	530
3747471	187BNA024****A	CAP**3621A**+UI	355BAV042080	24,800	20,400	13.3	16.5	660	530
3747472	187BNA024****A	CAP**3621A**+UI	355BAV060080	24,600	20,200	13.2	16.0	630	505
3747473	187BNA024****A	CAP**3621A**+UI	355BAV060100	24,800	20,400	13.3	16.5	665	530
3747136	187BNA024****A	CNPH*2417A**	313*AV024045	24,600	20,600	12.9	16.0	695	565
3747194	187BNA024****A	CNPH*2417A**	353AAV036040	25,000	21,000	13.2	16.5	725	610
3747130	187BNA024****A	CNPH*2417A**+TDR		24,200	20,200	11.8	14.0	700	560
3747134	187BNA024****A	CNPH*2417A**+UI	315(A,J)AV036070	24,400	20,200	13.0	16.0	660	530
3747135	187BNA024****A	CNPH*2417A**+UI	315(A,J)AV048090	24,600	20,400	13.1	16.0	670	535
3747132	187BNA024****A	CNPH*2417A**+UI	355(A,C)AV042060	24,800	20,600	13.1	16.0	725	580
3747133	187BNA024****A	CNPH*2417A**+UI	355(A,C)AV042080	24,600	20,400	13.0	16.0	660	530
3747131	187BNA024****A	CNPH*2417A**+UI	355AAV042040	24,600	20,400	12.9	16.0	675	540
3747143	187BNA024****A	CNPH*3017A**	313*AV024045	25,000	20,800	13.1	16.0	730	595
3747195	187BNA024****A	CNPH*3017A**	353AAV036040	25,400	21,200	13.4	16.5	775	675
3747137	187BNA024****A	CNPH*3017A**+TDR		24,400	20,000	11.9	14.0	700	560
3747141	187BNA024****A	CNPH*3017A**+UI	315(A,J)AV036070	24,600	20,200	13.1	16.0	660	530
3747142	187BNA024****A	CNPH*3017A**+UI	315(A,J)AV048090	24,800	20,400	13.3	16.5	670	535
3747139	187BNA024****A	CNPH*3017A**+UI	355(A,C)AV042060	25,000	20,600	13.3	16.5	725	580
3747140	187BNA024****A	CNPH*3017A**+UI	355(A,C)AV042080	24,600	20,200	13.2	16.0	660	530
3747138	187BNA024****A	CNPH*3017A**+UI	355AAV042040	24,800	20,400	13.1	16.0	675	540
3747152	187BNA024****A	CNPH*3617A**	313*AV024045	25,000	20,800	13.1	16.0	730	595
3747146	187BNA024****A	CNPH*3617A**+TDR		24,400	20,000	11.9	14.0	700	560
3747150	187BNA024****A	CNPH*3617A**+UI	315(A,J)AV036070	24,600	20,200	13.1	16.0	660	530
3747151	187BNA024****A	CNPH*3617A**+UI	315(A,J)AV048090	24,800	20,400	13.3	16.5	670	535
3747148	187BNA024****A	CNPH*3617A**+UI	355(A,C)AV042060	25,000	20,600	13.3	16.5	725	580
3747149	187BNA024****A	CNPH*3617A**+UI	355(A,C)AV042080	24,600	20,200	13.2	16.0	660	530

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747147	187BNA024****A	CNPH*3617A**+UI	355AAV042040	24,800	20,400	13.1	16.0	675	540
3747112	187BNA024****A	CNPV*2414A**	313*AV024045	24,600	20,600	12.9	16.0	695	565
3747110	187BNA024****A	CNPV*2414A**+TDR		24,200	20,200	11.8	14.0	700	560
3747111	187BNA024****A	CNPV*2414A**+UI	315(A,J)AV036070	24,400	20,200	13.0	16.0	660	530
3747191	187BNA024****A	CNPV*2417A**	353AAV036040	25,000	21,000	13.2	16.5	725	610
3747204	187BNA024****A	CNPV*2417A**	368RAN036105	24,800	20,800	13.0	16.5	715	585
3747203	187BNA024****A	CNPV*2417A**	374RAN036105	24,400	20,200	12.8	16.0	660	520
3747113	187BNA024****A	CNPV*2417A**+TDR		24,200	20,200	11.8	14.0	700	560
3747115	187BNA024****A	CNPV*2417A**+UI	315(A,J)AV048090	24,600	20,400	13.1	16.0	670	535
3747114	187BNA024****A	CNPV*2417A**+UI	355(A,C)AV042060	24,800	20,600	13.0	16.0	725	580
3747474	187BNA024****A	CNPV*2417A**+UI	355BAV042060	24,800	20,600	13.0	16.0	725	580
3747118	187BNA024****A	CNPV*3014A**	313*AV024045	24,800	20,600	13.0	16.0	705	580
3747116	187BNA024****A	CNPV*3014A**+TDR		24,400	20,000	11.9	14.0	700	560
3747117	187BNA024****A	CNPV*3014A**+UI	315(A,J)AV036070	24,600	20,200	13.1	16.0	660	530
3747206	187BNA024****A	CNPV*3017A**	368RAN036105	25,000	20,800	13.0	16.5	715	585
3747205	187BNA024****A	CNPV*3017A**	374RAN036105	24,600	20,200	13.0	16.0	660	520
3747119	187BNA024****A	CNPV*3017A**+TDR		24,400	20,000	11.9	14.0	700	560
3747121	187BNA024****A	CNPV*3017A**+UI	315(A,J)AV048090	24,800	20,400	13.3	16.5	670	535
3747120	187BNA024****A	CNPV*3017A**+UI	355(A,C)AV042060	25,000	20,600	13.3	16.5	725	580
3747475	187BNA024****A	CNPV*3017A**+UI	355BAV042060	25,000	20,600	13.3	16.5	725	580
3747192	187BNA024****A	CNPV*3117A**	353(A,B)AV036060	25,600	21,600	13.7	17.0	800	655
3747208	187BNA024****A	CNPV*3117A**	368RAN036105	25,600	21,200	13.5	16.5	715	585
3747207	187BNA024****A	CNPV*3117A**	374RAN036105	25,200	20,600	13.0	16.5	660	520
3747711	187BNA024****A	CNPV*3117A**		24,800	20,600	12.1	14.5	700	560
3747123	187BNA024****A	CNPV*3117A**+UI	315(A,J)AV048090	25,200	20,800	13.5	16.5	670	535
3747122	187BNA024****A	CNPV*3117A**+UI	355(A,C)AV042060	25,600	21,200	13.6	16.5	725	580
3747863	187BNA024****A	CNPV*3117A**+UI	355BAV042060	25,600	21,200	13.6	16.5	725	580
3747210	187BNA024****A	CNPV*3617A**	368RAN036105	25,000	20,800	13.0	16.5	715	585
3747209	187BNA024****A	CNPV*3617A**	374RAN036105	24,600	20,200	13.0	16.0	660	520
3747124	187BNA024****A	CNPV*3617A**+TDR		24,400	20,000	11.9	14.0	700	560
3747126	187BNA024****A	CNPV*3617A**+UI	315(A,J)AV048090	24,800	20,400	13.3	16.5	670	535
3747125	187BNA024****A	CNPV*3617A**+UI	355(A,C)AV042060	25,000	20,600	13.3	16.5	725	580
3747476	187BNA024****A	CNPV*3617A**+UI	355BAV042060	25,000	20,600	13.3	16.5	725	580
3747193	187BNA024****A	CNPV*3621A**	353AAV036040	25,400	21,400	13.5	16.5	780	680
3747212	187BNA024****A	CNPV*3717A**	368RAN036105	25,800	21,400	13.5	16.5	715	585
3747211	187BNA024****A	CNPV*3717A**	374RAN036105	25,400	20,800	13.5	16.5	660	520
3747127	187BNA024****A	CNPV*3717A**+TDR		25,200	20,800	12.2	14.5	700	560
3747129	187BNA024****A	CNPV*3717A**+UI	315(A,J)AV048090	25,400	21,000	13.6	16.5	670	535
3747128	187BNA024****A	CNPV*3717A**+UI	355(A,C)AV042060	25,800	21,400	13.7	17.0	725	580
3747477	187BNA024****A	CNPV*3717A**+UI	355BAV042060	25,800	21,400	13.7	17.0	725	580
3747160	187BNA024****A	CSPH*2412A**	313*AV024045	24,800	20,600	13.0	16.0	685	555
3747196	187BNA024****A	CSPH*2412A**	353AAV036040	25,200	21,000	13.3	16.5	710	585
3747161	187BNA024****A	CSPH*2412A**	359BAV036040	24,800	20,600	12.7	16.0	705	540
3747162	187BNA024****A	CSPH*2412A**	359BAV036060	25,000	20,800	12.8	16.0	735	565
3747213	187BNA024****A	CSPH*2412A**	374RAN036105	24,800	20,400	13.0	16.0	660	520
3747155	187BNA024****A	CSPH*2412A**+TDR		24,600	20,400	12.0	14.5	700	560
3747158	187BNA024****A	CSPH*2412A**+UI	315(A,J)AV036070	24,800	20,400	13.0	16.0	660	530
3747159	187BNA024****A	CSPH*2412A**+UI	315(A,J)AV048090	24,800	20,600	13.2	16.0	670	535
3747157	187BNA024****A	CSPH*2412A**+UI	355(A,C)AV042060	25,200	20,800	13.1	16.0	725	580
3747156	187BNA024****A	CSPH*2412A**+UI	355AAV042040	24,800	20,600	13.0	16.0	675	540
3747168	187BNA024****A	CSPH*3012A**	313*AV024045	25,000	20,800	13.1	16.0	715	580
3747197	187BNA024****A	CSPH*3012A**	353AAV036040	25,400	21,200	13.4	16.5	750	640
3747169	187BNA024****A	CSPH*3012A**	359BAV036040	25,000	20,600	12.8	16.0	735	570
3747170	187BNA024****A	CSPH*3012A**	359BAV036060	25,200	20,800	12.9	16.0	780	605
3747214	187BNA024****A	CSPH*3012A**	374RAN036105	24,800	20,200	13.0	16.0	660	520
3747163	187BNA024****A	CSPH*3012A**+TDR		24,600	20,200	11.9	14.0	700	560
3747166	187BNA024****A	CSPH*3012A**+UI	315(A,J)AV036070	24,800	20,400	13.1	16.0	660	530
3747167	187BNA024****A	CSPH*3012A**+UI	315(A,J)AV048090	24,800	20,400	13.3	16.0	670	535
3747165	187BNA024****A	CSPH*3012A**+UI	355(A,C)AV042060	25,200	20,800	13.3	16.5	725	580
3747164	187BNA024****A	CSPH*3012A**+UI	355AAV042040	24,800	20,400	13.1	16.0	675	540

See notes on page 26

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747177	187BNA024****A	CSPH*3612A**	313*AV020405	25,400	21,200	13.3	16.5	735	590
3747198	187BNA024****A	CSPH*3612A**	353AAV036040	25,800	21,800	13.7	17.0	780	675
3747178	187BNA024****A	CSPH*3612A**	359BAV036040	25,600	21,000	13.1	16.5	755	585
3747179	187BNA024****A	CSPH*3612A**	359BAV036060	25,800	21,400	13.2	16.5	815	630
3747215	187BNA024****A	CSPH*3612A**	374RAN036105	25,200	20,600	13.0	16.5	660	520
3747171	187BNA024****A	CSPH*3612A** + TDR		24,800	20,400	12.1	14.5	700	560
3747175	187BNA024****A	CSPH*3612A** + UI	315(A,J)AV036070	25,000	20,600	13.3	16.5	660	530
3747176	187BNA024****A	CSPH*3612A** + UI	315(A,J)AV048090	25,200	20,800	13.5	16.5	670	535
3747173	187BNA024****A	CSPH*3612A** + UI	355(A,C)AV042060	25,600	21,000	13.5	16.5	725	580
3747174	187BNA024****A	CSPH*3612A** + UI	355(A,C)AV042080	25,200	20,600	13.4	16.5	660	530
3747172	187BNA024****A	CSPH*3612A** + UI	355AAV042040	25,200	20,800	13.3	16.5	675	540
3747181	187BNA024****A	FE4AN(B,F)003 + UI		25,000	20,800	13.5	17.0	700	560
3747180	187BNA024****A	FE4ANF002 + UI		25,000	20,800	13.3	16.5	700	560
3747183	187BNA024****A	FV4CN(B,F)003		25,000	20,800	13.5	16.5	700	560
3747182	187BNA024****A	FV4CNF002		25,000	20,800	13.3	16.5	700	560
3747216	187BNA036****A	†CNPV*4821A**	313*AV048090	36,600	30,400	13.2	16.5	1090	960
3747217	187BNA036****A	CAP**3614A** + TDR		34,800	28,600	11.8	14.5	1050	840
3747218	187BNA036****A	CAP**3614A** + UI	315(A,J)AV036070	35,600	28,800	12.4	16.0	1005	805
3747361	187BNA036****A	CAP**3617A**	368RAN036105	36,000	29,400	12.5	16.0	1065	880
3747360	187BNA036****A	CAP**3617A**	374RAN036105	35,600	28,800	12.6	16.0	975	800
3747219	187BNA036****A	CAP**3617A** + TDR		35,400	28,600	11.8	14.5	1050	840
3747221	187BNA036****A	CAP**3617A** + UI	315(A,J)AV048090	35,800	29,000	12.8	16.5	1005	805
3747220	187BNA036****A	CAP**3617A** + UI	355(A,C)AV042060	36,000	29,200	12.7	16.5	1055	845
3747478	187BNA036****A	CAP**3617A** + UI	355BAV042060	36,000	29,200	12.7	16.5	1055	845
3747307	187BNA036****A	CAP**3619A**	359BAV036040	35,000	28,000	12.0	16.0	1055	815
3747308	187BNA036****A	CAP**3619A**	359BAV036060	35,000	28,000	12.5	16.5	1100	780
3747306	187BNA036****A	CAP**3619A** + TDR		35,400	28,600	11.8	14.0	1050	840
3747226	187BNA036****A	CAP**3621A**	313*AV048090	36,200	29,600	12.9	16.5	1085	955
3747363	187BNA036****A	CAP**3621A**	368RAN036105	36,000	29,400	12.5	16.0	1065	880
3747365	187BNA036****A	CAP**3621A**	368RAN060120	36,400	30,000	12.5	16.5	1170	1005
3747362	187BNA036****A	CAP**3621A**	374RAN036105	35,600	29,000	12.5	16.5	975	800
3747364	187BNA036****A	CAP**3621A**	374RAN060120	36,400	29,800	12.5	16.0	1155	1000
3747222	187BNA036****A	CAP**3621A** + TDR		35,400	28,600	11.8	14.5	1050	840
3747225	187BNA036****A	CAP**3621A** + UI	315(A,J)AV060110	35,800	29,000	12.8	16.5	1020	815
3747223	187BNA036****A	CAP**3621A** + UI	355(A,C)AV060080	35,800	29,000	12.5	16.5	1010	810
3747224	187BNA036****A	CAP**3621A** + UI	355(A,C)AV060100	36,000	29,000	12.8	16.5	1040	830
3747479	187BNA036****A	CAP**3621A** + UI	355BAV060080	35,800	29,000	12.5	16.5	1010	810
3747480	187BNA036****A	CAP**3621A** + UI	355BAV060100	36,000	29,000	12.8	16.5	1040	830
3747231	187BNA036****A	CAP**4221A**	313*AV048090	36,400	29,800	13.0	16.5	1085	950
3747367	187BNA036****A	CAP**4221A**	368RAN036105	36,200	29,600	12.5	16.5	1065	880
3747369	187BNA036****A	CAP**4221A**	368RAN060120	36,800	30,200	12.8	16.5	1170	1005
3747366	187BNA036****A	CAP**4221A**	374RAN036105	35,800	29,200	12.6	16.5	975	800
3747368	187BNA036****A	CAP**4221A**	374RAN060120	36,600	30,000	12.7	16.5	1155	1000
3747227	187BNA036****A	CAP**4221A** + TDR		35,600	28,800	11.9	14.5	1050	840
3747230	187BNA036****A	CAP**4221A** + UI	315(A,J)AV060110	36,200	29,200	12.9	16.5	1020	815
3747228	187BNA036****A	CAP**4221A** + UI	355(A,C)AV060080	36,000	29,200	12.8	16.5	1010	810
3747229	187BNA036****A	CAP**4221A** + UI	355(A,C)AV060100	36,200	29,200	12.8	16.5	1040	830
3747481	187BNA036****A	CAP**4221A** + UI	355BAV060080	36,000	29,200	12.8	16.5	1010	810
3747482	187BNA036****A	CAP**4221A** + UI	355BAV060100	36,200	29,200	12.8	16.5	1040	830
3747236	187BNA036****A	CAP**4224A**	359BAV060100	36,600	29,800	12.8	16.5	1140	900
3747232	187BNA036****A	CAP**4224A** + TDR		35,600	28,800	11.9	14.5	1050	840
3747234	187BNA036****A	CAP**4224A** + UI	315(A,J)AV066135	36,200	29,200	13.0	16.5	1010	810
3747235	187BNA036****A	CAP**4224A** + UI	315(A,J)AV066155	36,200	29,200	13.2	17.0	1015	810
3747233	187BNA036****A	CAP**4224A** + UI	355(A,C)AV060120	36,200	29,200	13.0	16.5	1010	810
3747483	187BNA036****A	CAP**4224A** + UI	355BAV060120	36,200	29,200	13.0	16.5	1010	810
3747371	187BNA036****A	CAP**4817A**	368RAN036105	37,200	30,000	12.9	16.5	1065	880
3747370	187BNA036****A	CAP**4817A**	374RAN036105	36,600	29,600	12.9	16.5	975	800
3747237	187BNA036****A	CAP**4817A** + TDR		36,600	29,400	12.1	15.0	1050	840
3747239	187BNA036****A	CAP**4817A** + UI	315(A,J)AV048090	37,000	29,800	13.1	17.0	1005	805

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747238	187BNA036****A	CAP**4817A**+UI	355(A,C)AV042060	37,200	30,000	13.0	17.0	1055	845
3747484	187BNA036****A	CAP**4817A**+UI	355BAV042060	37,200	30,000	13.0	17.0	1055	845
3747373	187BNA036****A	CAP**4821A**	368RAN036105	36,800	29,800	12.8	16.5	1065	880
3747372	187BNA036****A	CAP**4821A**	374RAN036105	36,400	29,400	12.8	16.5	975	800
3747240	187BNA036****A	CAP**4821A**+TDR		36,200	29,200	12.0	14.5	1050	840
3747244	187BNA036****A	CAP**4821A**+UI	315(A,J)AV060110	36,800	29,600	13.0	16.5	1020	815
3747241	187BNA036****A	CAP**4821A**+UI	355(A,C)AV042080	36,600	29,600	12.8	16.5	1030	825
3747242	187BNA036****A	CAP**4821A**+UI	355(A,C)AV060080	36,600	29,400	12.9	16.5	1010	810
3747243	187BNA036****A	CAP**4821A**+UI	355(A,C)AV060100	36,800	29,600	13.0	16.5	1040	830
3747485	187BNA036****A	CAP**4821A**+UI	355BAV042080	36,600	29,600	12.8	16.5	1030	825
3747486	187BNA036****A	CAP**4821A**+UI	355BAV060080	36,600	29,400	12.9	16.5	1010	810
3747487	187BNA036****A	CAP**4821A**+UI	355BAV060100	36,800	29,600	13.0	16.5	1040	830
3747310	187BNA036****A	CAP**4823A**	359BAV036040	36,000	29,000	12.5	16.5	1070	825
3747311	187BNA036****A	CAP**4823A**	359BAV036060	36,000	29,000	12.8	16.5	1115	795
3747312	187BNA036****A	CAP**4823A**	359BAV060080	37,000	30,000	13.0	16.5	1200	935
3747309	187BNA036****A	CAP**4823A**+TDR		36,200	29,200	12.0	14.5	1050	840
3747245	187BNA036****A	CAP**4824A**+TDR		36,200	29,200	12.0	14.5	1050	840
3747247	187BNA036****A	CAP**4824A**+UI	315(A,J)AV066135	36,800	29,600	13.2	17.0	1010	810
3747248	187BNA036****A	CAP**4824A**+UI	315(A,J)AV066155	36,800	29,600	13.3	17.0	1015	810
3747246	187BNA036****A	CAP**4824A**+UI	355(A,C)AV060120	36,800	29,600	13.1	17.0	1010	810
3747488	187BNA036****A	CAP**4824A**+UI	355BAV060120	36,800	29,600	13.1	17.0	1010	810
3747313	187BNA036****A	CAP**6025A**	359BAV060080	38,000	30,400	13.0	17.0	1220	950
3747314	187BNA036****A	CAP**6025A**	359BAV060100	37,000	30,200	13.0	17.0	1140	900
3747284	187BNA036****A	CNPH*3617A**	313*AV048090	35,800	29,400	12.7	16.0	1035	905
3747276	187BNA036****A	CNPH*3617A**+TDR		35,400	28,600	11.8	14.5	1050	840
3747282	187BNA036****A	CNPH*3617A**+UI	315(A,J)AV048090	35,600	28,800	12.7	16.5	1005	805
3747283	187BNA036****A	CNPH*3617A**+UI	315(A,J)AV066155	35,800	29,000	12.8	16.5	1015	810
3747277	187BNA036****A	CNPH*3617A**+UI	355(A,C)AV042060	35,800	29,000	12.5	16.0	1055	845
3747278	187BNA036****A	CNPH*3617A**+UI	355(A,C)AV042080	35,600	29,000	12.4	16.0	1030	825
3747279	187BNA036****A	CNPH*3617A**+UI	355(A,C)AV060080	35,600	28,800	12.5	16.0	1010	810
3747280	187BNA036****A	CNPH*3617A**+UI	355(A,C)AV060100	35,800	29,000	12.6	16.0	1040	830
3747281	187BNA036****A	CNPH*3617A**+UI	355(A,C)AV060120	35,800	29,000	12.7	16.5	1010	810
3747293	187BNA036****A	CNPH*4221A**	313*AV048090	36,400	29,800	12.9	16.5	1055	925
3747285	187BNA036****A	CNPH*4221A**+TDR		35,800	28,800	11.9	14.5	1050	840
3747290	187BNA036****A	CNPH*4221A**+UI	315(A,J)AV036070	36,000	29,200	12.6	16.0	1005	805
3747291	187BNA036****A	CNPH*4221A**+UI	315(A,J)AV048090	36,200	29,200	12.9	16.5	1005	805
3747292	187BNA036****A	CNPH*4221A**+UI	315(A,J)AV060110	36,200	29,200	12.9	16.5	1020	815
3747286	187BNA036****A	CNPH*4221A**+UI	355(A,C)AV042060	36,400	29,400	12.8	16.5	1055	845
3747287	187BNA036****A	CNPH*4221A**+UI	355(A,C)AV042080	36,200	29,200	12.6	16.5	1030	825
3747288	187BNA036****A	CNPH*4221A**+UI	355(A,C)AV060080	36,000	29,200	12.7	16.5	1010	810
3747289	187BNA036****A	CNPH*4221A**+UI	355(A,C)AV060100	36,200	29,200	12.8	16.0	1040	830
3747294	187BNA036****A	CNPH*4821A**+TDR		36,400	29,200	12.1	14.5	1050	840
3747299	187BNA036****A	CNPH*4821A**+UI	315(A,J)AV048090	36,800	29,600	13.1	17.0	1005	805
3747300	187BNA036****A	CNPH*4821A**+UI	315(A,J)AV060110	36,800	29,600	13.1	17.0	1020	815
3747301	187BNA036****A	CNPH*4821A**+UI	315(A,J)AV066135	36,800	29,600	13.2	17.0	1010	810
3747302	187BNA036****A	CNPH*4821A**+UI	315(A,J)AV066155	37,000	29,800	13.4	17.0	1015	810
3747295	187BNA036****A	CNPH*4821A**+UI	355(A,C)AV042080	36,800	29,800	12.9	16.5	1030	825
3747296	187BNA036****A	CNPH*4821A**+UI	355(A,C)AV060080	36,800	29,600	13.0	16.5	1010	810
3747297	187BNA036****A	CNPH*4821A**+UI	355(A,C)AV060100	36,800	29,800	13.0	16.5	1040	830
3747298	187BNA036****A	CNPH*4821A**+UI	355(A,C)AV060120	36,800	29,600	13.2	17.0	1010	810
3747375	187BNA036****A	CNPV*3617A**	368RAN036105	35,800	29,200	12.4	16.0	1065	880
3747374	187BNA036****A	CNPV*3617A**	374RAN036105	35,400	28,800	12.4	16.0	975	800
3747249	187BNA036****A	CNPV*3617A**+TDR		35,400	28,600	11.8	14.5	1050	840
3747251	187BNA036****A	CNPV*3617A**+UI	315(A,J)AV048090	35,600	28,800	12.7	16.5	1005	805
3747250	187BNA036****A	CNPV*3617A**+UI	355(A,C)AV042060	35,800	29,000	12.5	16.0	1055	845
3747489	187BNA036****A	CNPV*3617A**+UI	355BAV042060	35,800	29,000	12.5	16.0	1055	845
3747257	187BNA036****A	CNPV*3621A**	313*AV048090	36,000	29,400	12.8	16.0	1045	910
3747377	187BNA036****A	CNPV*3621A**	368RAN036105	35,800	29,200	12.4	16.0	1065	880
3747376	187BNA036****A	CNPV*3621A**	374RAN036105	35,400	28,800	12.5	16.0	975	800
3747252	187BNA036****A	CNPV*3621A**+TDR		35,400	28,600	11.8	14.5	1050	840

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747256	187BNA036****A	CNPV*3621A**+UI	315(A,J)AV060110	35,800	29,000	12.7	16.5	1020	815
3747253	187BNA036****A	CNPV*3621A**+UI	355(A,C)AV042080	35,600	29,000	12.4	16.0	1030	825
3747254	187BNA036****A	CNPV*3621A**+UI	355(A,C)AV060080	35,600	28,800	12.5	16.0	1010	810
3747255	187BNA036****A	CNPV*3621A**+UI	355(A,C)AV060100	35,800	29,000	12.6	16.0	1040	830
3747490	187BNA036****A	CNPV*3621A**+UI	355BAV042080	35,600	29,000	12.4	16.0	1030	825
3747491	187BNA036****A	CNPV*3621A**+UI	355BAV060080	35,600	28,800	12.5	16.0	1010	810
3747492	187BNA036****A	CNPV*3621A**+UI	355BAV060100	35,800	29,000	12.6	16.0	1040	830
3747379	187BNA036****A	CNPV*3717A**	368RAN036105	37,400	30,400	13.0	16.5	1065	880
3747378	187BNA036****A	CNPV*3717A**	374RAN036105	36,800	29,800	13.0	16.5	975	800
3747258	187BNA036****A	CNPV*3717A**+TDR		36,800	29,600	12.0	15.0	1050	840
3747260	187BNA036****A	CNPV*3717A**+UI	315(A,J)AV048090	37,200	30,000	13.2	17.0	1005	805
3747259	187BNA036****A	CNPV*3717A**+UI	355(A,C)AV042060	37,400	30,200	13.1	17.0	1055	845
3747493	187BNA036****A	CNPV*3717A**+UI	355BAV042060	37,400	30,200	13.1	17.0	1055	845
3747381	187BNA036****A	CNPV*4217A**	368RAN036105	36,600	29,800	12.5	16.5	1065	880
3747380	187BNA036****A	CNPV*4217A**	374RAN036105	36,200	29,400	12.7	16.5	975	800
3747261	187BNA036****A	CNPV*4217A**+TDR		36,000	29,000	12.0	14.5	1050	840
3747263	187BNA036****A	CNPV*4217A**+UI	315(A,J)AV048090	36,400	29,400	12.9	16.5	1005	805
3747262	187BNA036****A	CNPV*4217A**+UI	355(A,C)AV042060	36,600	29,600	12.8	16.0	1055	845
3747494	187BNA036****A	CNPV*4217A**+UI	355BAV042060	36,600	29,600	12.8	16.0	1055	845
3747390	187BNA036****A	CNPV*4221A**	315(A,J)AV048090	36,000	29,000	12.8	16.5	1005	835
3747383	187BNA036****A	CNPV*4221A**	368RAN036105	36,200	29,600	12.6	16.0	1065	880
3747385	187BNA036****A	CNPV*4221A**	368RAN060120	36,800	30,200	12.7	16.5	1170	1005
3747382	187BNA036****A	CNPV*4221A**	374RAN036105	35,800	29,200	12.6	16.5	975	800
3747384	187BNA036****A	CNPV*4221A**	374RAN060120	36,600	30,000	12.5	16.0	1155	1000
3747264	187BNA036****A	CNPV*4221A**+TDR		35,800	28,800	11.9	14.5	1050	840
3747878	187BNA036****A	CNPV*4221A**+UI	315(A,J)AV048090	36,000	29,000	12.8	16.5	1005	835
3747265	187BNA036****A	CNPV*4221A**+UI	355(A,C)AV042080	36,200	29,400	12.6	16.0	1030	840
3747266	187BNA036****A	CNPV*4221A**+UI	355(A,C)AV060080	36,000	29,200	12.7	16.5	1010	825
3747267	187BNA036****A	CNPV*4221A**+UI	355(A,C)AV060100	36,200	29,200	12.8	16.5	1040	810
3747495	187BNA036****A	CNPV*4221A**+UI	355BAV042080	36,200	29,400	12.6	16.0	1030	840
3747496	187BNA036****A	CNPV*4221A**+UI	355BAV060080	36,000	29,200	12.7	16.5	1010	825
3747497	187BNA036****A	CNPV*4221A**+UI	355BAV060100	36,200	29,200	12.8	16.5	1040	810
3747387	187BNA036****A	CNPV*4821A**	368RAN036105	37,000	30,000	12.9	16.5	1065	880
3747389	187BNA036****A	CNPV*4821A**	368RAN060120	37,600	30,600	13.0	16.5	1170	1005
3747386	187BNA036****A	CNPV*4821A**	374RAN036105	36,400	29,600	12.9	16.5	975	800
3747388	187BNA036****A	CNPV*4821A**	374RAN060120	37,400	30,600	13.0	16.5	1155	1000
3747268	187BNA036****A	CNPV*4821A**+TDR		36,400	29,200	12.1	14.5	1050	840
3747351	187BNA036****A	CNPV*4821A**+UI	315(A,J)AV048090	36,800	29,800	13.1	17.0	1005	835
3747271	187BNA036****A	CNPV*4821A**+UI	315(A,J)AV060110	36,800	29,600	13.1	17.0	1020	815
3747350	187BNA036****A	CNPV*4821A**+UI	355(A,C)AV042080	36,800	29,600	12.9	16.5	1030	820
3747269	187BNA036****A	CNPV*4821A**+UI	355(A,C)AV060080	36,800	29,600	13.0	16.5	1010	810
3747270	187BNA036****A	CNPV*4821A**+UI	355(A,C)AV060100	36,800	29,800	13.0	16.5	1040	830
3747501	187BNA036****A	CNPV*4821A**+UI	355BAV042080	36,800	29,600	12.9	16.5	1030	820
3747498	187BNA036****A	CNPV*4821A**+UI	355BAV060080	36,800	29,600	13.0	16.5	1010	810
3747499	187BNA036****A	CNPV*4821A**+UI	355BAV060100	36,800	29,800	13.0	16.5	1040	830
3747272	187BNA036****A	CNPV*4824A**+TDR		36,400	29,200	12.1	14.5	1050	840
3747274	187BNA036****A	CNPV*4824A**+UI	315(A,J)AV066135	36,800	29,600	13.2	17.0	1010	810
3747275	187BNA036****A	CNPV*4824A**+UI	315(A,J)AV066155	37,000	29,800	13.4	17.0	1015	810
3747352	187BNA036****A	CNPV*4824A**+UI	355(A,C)AV042080	36,800	29,600	12.9	16.5	1030	820
3747353	187BNA036****A	CNPV*4824A**+UI	355(A,C)AV060080	36,600	29,800	13.0	16.5	1010	840
3747354	187BNA036****A	CNPV*4824A**+UI	355(A,C)AV060100	36,800	29,600	13.1	16.5	1040	800
3747273	187BNA036****A	CNPV*4824A**+UI	355(A,C)AV060120	36,800	29,600	13.1	17.0	1010	810
3747502	187BNA036****A	CNPV*4824A**+UI	355BAV042080	36,800	29,600	12.9	16.5	1030	820
3747503	187BNA036****A	CNPV*4824A**+UI	355BAV060080	36,600	29,800	13.0	16.5	1010	840
3747504	187BNA036****A	CNPV*4824A**+UI	355BAV060100	36,800	29,600	13.1	16.5	1040	800
3747500	187BNA036****A	CNPV*4824A**+UI	355BAV060120	36,800	29,600	13.1	17.0	1010	810
3747324	187BNA036****A	CSPH*3612A**	313*AV048090	37,000	30,200	13.1	16.5	1060	925
3747325	187BNA036****A	CSPH*3612A**	359BAV036060	36,800	29,200	12.5	16.0	1100	775
3747315	187BNA036****A	CSPH*3612A**+TDR		36,200	29,200	12.1	14.5	1050	840
3747319	187BNA036****A	CSPH*3612A**+UI	315(A,J)AV036070	36,400	29,400	12.8	16.5	1005	805

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747320	187BNA036****A	CSPH*3612A**+UI	315(A,J)AV048090	36,600	29,600	13.0	16.5	1005	805
3747321	187BNA036****A	CSPH*3612A**+UI	315(A,J)AV060110	36,600	29,600	13.0	16.5	1020	815
3747322	187BNA036****A	CSPH*3612A**+UI	315(A,J)AV066135	36,600	29,600	13.1	17.0	1010	810
3747323	187BNA036****A	CSPH*3612A**+UI	315(A,J)AV066155	36,800	29,600	13.2	17.0	1015	810
3747316	187BNA036****A	CSPH*3612A**+UI	355(A,C)AV060080	36,600	29,600	12.9	16.5	1010	810
3747317	187BNA036****A	CSPH*3612A**+UI	355(A,C)AV060100	36,800	29,600	12.9	16.5	1040	830
3747318	187BNA036****A	CSPH*3612A**+UI	355(A,C)AV060120	36,600	29,600	13.0	16.5	1010	810
3747336	187BNA036****A	CSPH*4212A**	313*AV048090	37,200	30,400	13.2	16.5	1070	935
3747337	187BNA036****A	CSPH*4212A**	359BAV036060	37,000	29,400	12.5	16.5	1110	785
3747326	187BNA036****A	CSPH*4212A**+TDR		36,400	29,400	12.1	15.0	1050	840
3747331	187BNA036****A	CSPH*4212A**+UI	315(A,J)AV036070	36,800	29,600	12.9	16.5	1005	805
3747332	187BNA036****A	CSPH*4212A**+UI	315(A,J)AV048090	36,800	29,600	13.1	17.0	1005	805
3747333	187BNA036****A	CSPH*4212A**+UI	315(A,J)AV060110	37,000	29,800	13.1	17.0	1020	815
3747334	187BNA036****A	CSPH*4212A**+UI	315(A,J)AV066135	36,800	29,800	13.2	17.0	1010	810
3747335	187BNA036****A	CSPH*4212A**+UI	315(A,J)AV066155	37,000	29,800	13.3	17.0	1015	810
3747327	187BNA036****A	CSPH*4212A**+UI	355(A,C)AV042080	36,800	29,800	12.9	16.5	1030	825
3747328	187BNA036****A	CSPH*4212A**+UI	355(A,C)AV060080	36,800	29,600	13.0	16.5	1010	810
3747329	187BNA036****A	CSPH*4212A**+UI	355(A,C)AV060100	37,000	29,800	13.0	16.5	1040	830
3747330	187BNA036****A	CSPH*4212A**+UI	355(A,C)AV060120	36,800	29,800	13.1	17.0	1010	810
3747348	187BNA036****A	CSPH*4812A**	313*AV048090	37,400	30,600	13.2	16.5	1070	940
3747349	187BNA036****A	CSPH*4812A**	359BAV036060	37,200	2,960	12.6	16.5	1110	790
3747338	187BNA036****A	CSPH*4812A**+TDR		36,600	29,400	12.2	15.0	1050	840
3747343	187BNA036****A	CSPH*4812A**+UI	315(A,J)AV036070	36,800	29,800	12.9	16.5	1005	805
3747344	187BNA036****A	CSPH*4812A**+UI	315(A,J)AV048090	37,000	29,800	13.1	17.0	1005	805
3747345	187BNA036****A	CSPH*4812A**+UI	315(A,J)AV060110	37,000	29,800	13.1	17.0	1020	815
3747346	187BNA036****A	CSPH*4812A**+UI	315(A,J)AV066135	37,000	29,800	13.2	17.0	1010	810
3747347	187BNA036****A	CSPH*4812A**+UI	315(A,J)AV066155	37,200	30,200	13.3	17.0	1015	810
3747339	187BNA036****A	CSPH*4812A**+UI	355(A,C)AV042080	37,000	29,800	12.9	16.5	1030	825
3747340	187BNA036****A	CSPH*4812A**+UI	355(A,C)AV060080	37,000	29,800	13.0	16.5	1010	810
3747341	187BNA036****A	CSPH*4812A**+UI	355(A,C)AV060100	37,200	30,000	13.1	16.5	1040	830
3747342	187BNA036****A	CSPH*4812A**+UI	355(A,C)AV060120	37,000	29,800	13.2	17.0	1010	810
3747355	187BNA036****A	FE4AN(B,F)003+UI		36,400	29,400	13.0	17.0	1100	875
3747356	187BNA036****A	FE4AN(B,F)005+UI		37,800	30,200	13.5	17.5	1100	875
3747357	187BNA036****A	FE4ANB006+UI		38,500	30,800	13.8	17.5	1200	925
3747358	187BNA036****A	FE5ANB004+UI		38,500	31,000	13.7	18.0	1200	925
3747303	187BNA036****A	FV4CN(B,F)003		36,200	29,200	13.0	17.0	1050	840
3747304	187BNA036****A	FV4CN(B,F)005		37,600	30,000	13.5	17.5	1050	840
3747305	187BNA036****A	FV4CNB006		38,000	30,200	13.7	17.5	1050	840
3747359	187BNA036****A	FV4CNF002		35,800	29,200	12.6	16.0	1050	840
3747879	180BNA036****A	†FE5ANB004+UI		38,000	31,000	14.5	20.0	1050	875
3747884	180BNA036****A	CAP**3614A**+TDR		35,000	29,000	12.4	16.0	1050	840
3747909	180BNA036****A	CAP**3614A**+UI	315(A,J)AV036070	36,000	29,800	13.1	18.0	1005	840
3747885	180BNA036****A	CAP**3617A**+TDR		35,000	29,000	12.4	16.0	1050	840
3747910	180BNA036****A	CAP**3617A**+UI	315(A,J)AV048090	36,200	29,800	13.5	18.5	1005	835
3747892	180BNA036****A	CAP**3619A**+TDR		35,000	29,000	12.4	16.0	1050	840
3747886	180BNA036****A	CAP**3621A**+TDR		35,800	29,000	12.4	16.0	1050	840
3747911	180BNA036****A	CAP**3621A**+UI	315(A,J)AV060110	36,400	30,000	13.5	18.5	1020	850
3747887	180BNA036****A	CAP**4221A**+TDR		36,000	29,000	12.5	16.0	1050	840
3748098	180BNA036****A	CAP**4221A**+UI	315(A,J)AV060110	36,600	30,200	13.6	18.5	1020	850
3747888	180BNA036****A	CAP**4224A**+TDR		36,000	29,000	12.5	16.0	1050	840
3747889	180BNA036****A	CAP**4817A**+TDR		37,000	30,000	12.8	16.5	1050	840
3747912	180BNA036****A	CAP**4817A**+UI	315(A,J)AV048090	37,400	30,800	13.8	19.0	1005	835
3747890	180BNA036****A	CAP**4821A**+TDR		36,000	30,000	12.7	16.5	1050	840
3747913	180BNA036****A	CAP**4821A**+UI	315(A,J)AV060110	37,200	30,600	13.8	19.0	1020	850
3747893	180BNA036****A	CAP**4823A**+TDR		36,000	30,000	12.7	16.5	1050	840
3747891	180BNA036****A	CAP**4824A**+TDR		36,000	30,000	12.7	16.5	1050	840
3748019	180BNA036****A	CNPB*3617A**	313*AV048070	36,400	30,200	13.3	18.0	1030	935
3748020	180BNA036****A	CNPB*3617A**	353(A,B)AV036060	36,400	30,200	13.4	18.0	1055	905

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3748021	180BNA036****A	CNPH*3617A**	353(A,B)AV036080	36,400	30,400	13.3	18.0	1035	965
3748022	180BNA036****A	CNPH*3617A**	353(A,B)AV048080	36,600	30,400	13.0	18.0	1055	915
3748050	180BNA036****A	CNPH*3617A**	359BAV060080	36,400	29,800	13.1	18.0	1155	850
3748051	180BNA036****A	CNPH*3617A**	359BAV060100	37,200	30,600	13.2	18.0	1075	915
3747902	180BNA036****A	CNPH*3617A**+TDR		35,800	29,200	12.4	16.0	1050	840
3747924	180BNA036****A	CNPH*3617A**+UI	315(A,J)AV048090	36,200	29,800	13.4	18.0	1005	835
3747964	180BNA036****A	CNPH*3617A**+UI	355(A,C)AV042060	36,400	30,000	13.2	18.0	1055	870
3748023	180BNA036****A	CNPH*4221A**	313*AV048070	36,800	30,600	13.6	18.5	1045	925
3748024	180BNA036****A	CNPH*4221A**	313*AV048090	37,000	30,800	13.5	18.5	1055	950
3748025	180BNA036****A	CNPH*4221A**	353(A,B)AV036060	36,800	30,600	13.5	18.5	1080	920
3748026	180BNA036****A	CNPH*4221A**	353(A,B)AV036080	37,000	30,800	13.5	18.5	1055	980
3748027	180BNA036****A	CNPH*4221A**	353(A,B)AV048080	37,800	31,400	13.6	18.5	1075	940
3748052	180BNA036****A	CNPH*4221A**	359BAV060080	38,000	31,200	13.5	18.5	1180	950
3747903	180BNA036****A	CNPH*4221A**+TDR		36,200	29,600	12.5	16.0	1050	840
3747925	180BNA036****A	CNPH*4221A**+UI	315(A,J)AV048090	36,600	30,200	13.6	18.5	1005	835
3747926	180BNA036****A	CNPH*4221A**+UI	315(A,J)AV060110	36,600	30,200	13.6	18.5	1020	850
3747965	180BNA036****A	CNPH*4221A**+UI	355(A,C)AV042060	36,800	30,400	13.5	18.5	1055	870
3747966	180BNA036****A	CNPH*4221A**+UI	355(A,C)AV042080	36,600	30,000	13.3	18.0	1030	820
3747967	180BNA036****A	CNPH*4221A**+UI	355(A,C)AV060080	36,600	30,000	13.4	18.5	1010	840
3747968	180BNA036****A	CNPH*4221A**+UI	355(A,C)AV060100	36,800	29,800	13.5	18.0	1040	800
3748028	180BNA036****A	CNPH*4321A**	313*AV048070	38,000	31,600	14.0	19.0	1070	955
3748029	180BNA036****A	CNPH*4321A**	313*AV048090	37,400	31,000	13.4	18.0	1085	945
3747904	180BNA036****A	CNPH*4321A**+TDR		37,200	30,400	12.8	16.5	1050	840
3747927	180BNA036****A	CNPH*4321A**+UI	315(A,J)AV060110	37,800	31,000	14.0	19.0	1020	850
3747969	180BNA036****A	CNPH*4321A**+UI	355(A,C)AV042060	38,000	31,200	13.9	19.0	1055	870
3747970	180BNA036****A	CNPH*4321A**+UI	355(A,C)AV042080	37,600	30,800	13.7	19.0	1030	820
3747971	180BNA036****A	CNPH*4321A**+UI	355(A,C)AV060080	37,800	30,600	13.9	19.0	1010	800
3747972	180BNA036****A	CNPH*4321A**+UI	355(A,C)AV060100	37,400	30,800	13.8	19.0	1040	870
3748030	180BNA036****A	CNPH*4821A**	313*AV048070	37,600	31,200	13.9	19.0	1080	960
3748031	180BNA036****A	CNPH*4821A**	313*AV048090	37,800	31,400	13.8	19.0	1090	985
3748032	180BNA036****A	CNPH*4821A**	353(A,B)AV036060	37,600	31,200	13.8	19.0	1115	945
3748033	180BNA036****A	CNPH*4821A**	353(A,B)AV036080	37,600	31,400	13.8	18.5	1085	1010
3748034	180BNA036****A	CNPH*4821A**	353(A,B)AV048080	37,000	30,800	13.3	18.0	1110	920
3748053	180BNA036****A	CNPH*4821A**	359BAV060080	37,800	31,000	13.5	19.0	1220	905
3748054	180BNA036****A	CNPH*4821A**	359BAV060100	37,200	30,000	13.0	18.0	1140	775
3747905	180BNA036****A	CNPH*4821A**+TDR		36,800	30,000	12.7	16.5	1050	840
3747928	180BNA036****A	CNPH*4821A**+UI	315(A,J)AV048090	37,200	30,600	13.9	19.0	1005	835
3747929	180BNA036****A	CNPH*4821A**+UI	315(A,J)AV060110	37,400	30,600	13.9	19.0	1020	850
3747973	180BNA036****A	CNPH*4821A**+UI	355(A,C)AV042060	37,200	30,400	13.6	19.0	1055	820
3747974	180BNA036****A	CNPH*4821A**+UI	355(A,C)AV042080	37,200	30,600	13.7	18.5	1030	840
3747975	180BNA036****A	CNPH*4821A**+UI	355(A,C)AV060080	37,400	30,400	13.8	18.5	1010	800
3747976	180BNA036****A	CNPH*4821A**+UI	355(A,C)AV060100	36,800	30,400	13.4	18.5	1040	835
3747992	180BNA036****A	CNPV*3617A**	313*AV048070	36,400	30,200	13.3	18.0	1030	935
3747993	180BNA036****A	CNPV*3617A**	353(A,B)AV036060	36,400	30,200	13.4	18.0	1055	905
3747994	180BNA036****A	CNPV*3617A**	353(A,B)AV036080	36,400	30,400	13.3	18.0	1035	965
3747995	180BNA036****A	CNPV*3617A**	353(A,B)AV048080	36,200	30,000	13.0	17.5	1055	910
3747894	180BNA036****A	CNPV*3617A**+TDR		35,000	29,000	12.4	16.0	1050	840
3747914	180BNA036****A	CNPV*3617A**+UI	315(A,J)AV036070	36,000	29,800	13.1	18.0	1005	840
3747915	180BNA036****A	CNPV*3617A**+UI	315(A,J)AV048090	36,200	29,800	13.4	18.0	1005	835
3747939	180BNA036****A	CNPV*3617A**+UI	355(A,C)AV042060	36,400	30,000	13.2	18.0	1055	870
3748075	180BNA036****A	CNPV*3617A**+UI	355BAV042060	36,400	30,000	13.2	18.0	1055	870
3747996	180BNA036****A	CNPV*3621A**	313*AV048070	36,400	30,200	13.5	18.0	1035	910
3747997	180BNA036****A	CNPV*3621A**	313*AV048090	36,400	30,400	13.3	18.0	1045	940
3747998	180BNA036****A	CNPV*3621A**	353(A,B)AV036060	36,400	30,200	13.4	18.0	1065	910
3747999	180BNA036****A	CNPV*3621A**	353(A,B)AV036080	36,400	30,400	13.3	18.0	1040	970
3748000	180BNA036****A	CNPV*3621A**	353(A,B)AV048080	37,600	31,400	13.5	18.5	1065	930
3748065	180BNA036****A	CNPV*3621A**	368RAN036105	36,400	29,800	13.2	18.0	1065	800
3748064	180BNA036****A	CNPV*3621A**	374RAN036105	36,400	30,000	13.0	18.0	975	880
3747895	180BNA036****A	CNPV*3621A**+TDR		35,000	29,000	12.4	16.0	1050	840
3747916	180BNA036****A	CNPV*3621A**+UI	315(A,J)AV060110	36,200	29,800	13.4	18.0	1020	850

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747940	180BNA036****A	CNPV*3621A**+UI	355(A,C)AV042060	36,400	30,000	13.3	18.0	1055	870
3747941	180BNA036****A	CNPV*3621A**+UI	355(A,C)AV042080	36,200	29,600	13.1	18.0	1030	820
3747942	180BNA036****A	CNPV*3621A**+UI	355(A,C)AV060080	36,200	29,800	13.2	18.0	1010	840
3747943	180BNA036****A	CNPV*3621A**+UI	355(A,C)AV060100	36,400	29,600	13.3	18.0	1040	800
3748076	180BNA036****A	CNPV*3621A**+UI	355BAV042060	36,400	30,000	13.3	18.0	1055	870
3748077	180BNA036****A	CNPV*3621A**+UI	355BAV042080	36,200	29,600	13.1	18.0	1030	820
3748078	180BNA036****A	CNPV*3621A**+UI	355BAV060080	36,200	29,800	13.2	18.0	1010	840
3748079	180BNA036****A	CNPV*3621A**+UI	355BAV060100	36,400	29,600	13.3	18.0	1040	800
3748001	180BNA036****A	CNPV*3717A**	313*AV048070	38,000	31,600	13.9	19.0	1055	965
3748002	180BNA036****A	CNPV*3717A**	353(A,B)AV036060	38,000	31,400	13.9	19.0	1090	930
3748003	180BNA036****A	CNPV*3717A**	353(A,B)AV036080	38,000	31,800	13.9	19.0	1060	990
3748004	180BNA036****A	CNPV*3717A**	353(A,B)AV048080	36,800	30,600	13.2	18.0	1085	915
3747896	180BNA036****A	CNPV*3717A**+TDR		37,000	30,000	12.8	16.5	1050	840
3747917	180BNA036****A	CNPV*3717A**+UI	315(A,J)AV036070	37,400	30,800	13.7	18.5	1005	840
3747918	180BNA036****A	CNPV*3717A**+UI	315(A,J)AV048090	37,600	31,000	13.9	19.0	1005	835
3747944	180BNA036****A	CNPV*3717A**+UI	355(A,C)AV042060	37,800	31,200	13.8	19.0	1055	870
3748080	180BNA036****A	CNPV*3717A**+UI	355BAV042060	37,800	31,200	13.8	19.0	1055	870
3748005	180BNA036****A	CNPV*4217A**	313*AV048070	37,200	31,000	13.6	18.5	1045	950
3748006	180BNA036****A	CNPV*4217A**	353(A,B)AV036060	37,200	30,800	13.6	18.5	1075	920
3748007	180BNA036****A	CNPV*4217A**	353(A,B)AV036080	37,200	31,000	13.5	18.5	1050	980
3748008	180BNA036****A	CNPV*4217A**	353(A,B)AV048080	36,600	30,400	13.1	18.0	1075	915
3747897	180BNA036****A	CNPV*4217A**+TDR		36,600	29,000	12.5	16.5	1050	840
3747919	180BNA036****A	CNPV*4217A**+UI	315(A,J)AV036070	36,800	30,200	13.4	18.0	1005	840
3747920	180BNA036****A	CNPV*4217A**+UI	315(A,J)AV048090	37,000	30,400	13.7	18.5	1005	835
3747945	180BNA036****A	CNPV*4217A**+UI	355(A,C)AV042060	37,200	30,600	13.5	18.5	1055	870
3748081	180BNA036****A	CNPV*4217A**+UI	355BAV042060	37,200	30,600	13.5	18.5	1055	870
3748009	180BNA036****A	CNPV*4221A**	313*AV048070	36,800	30,600	13.6	18.5	1045	925
3748010	180BNA036****A	CNPV*4221A**	313*AV048090	37,000	30,800	13.5	18.5	1055	950
3748011	180BNA036****A	CNPV*4221A**	353(A,B)AV036060	36,800	30,600	13.5	18.5	1080	920
3748012	180BNA036****A	CNPV*4221A**	353(A,B)AV036080	37,000	30,800	13.5	18.5	1055	980
3748013	180BNA036****A	CNPV*4221A**	353(A,B)AV048080	37,400	31,000	13.4	18.0	1075	945
3748067	180BNA036****A	CNPV*4221A**	368RAN036105	36,400	27,800	13.2	17.5	1065	575
3748069	180BNA036****A	CNPV*4221A**	368RAN060120	37,000	30,400	13.5	19.0	1005	800
3748066	180BNA036****A	CNPV*4221A**	374RAN036105	36,800	30,400	13.2	18.0	975	880
3748068	180BNA036****A	CNPV*4221A**	374RAN060120	36,600	28,000	13.4	18.0	1000	595
3747898	180BNA036****A	CNPV*4221A**+TDR		36,000	29,600	12.5	16.0	1050	840
3747921	180BNA036****A	CNPV*4221A**+UI	315(A,J)AV048090	36,600	30,200	13.6	18.5	1005	835
3747946	180BNA036****A	CNPV*4221A**+UI	355(A,C)AV042060	36,800	30,400	13.5	18.5	1055	870
3747947	180BNA036****A	CNPV*4221A**+UI	355(A,C)AV042080	36,600	30,000	13.3	18.0	1030	820
3747948	180BNA036****A	CNPV*4221A**+UI	355(A,C)AV060080	36,600	30,000	13.4	18.5	1010	840
3747949	180BNA036****A	CNPV*4221A**+UI	355(A,C)AV060100	36,800	29,800	13.5	18.0	1040	800
3748082	180BNA036****A	CNPV*4221A**+UI	355BAV042060	36,800	30,400	13.5	18.5	1055	870
3748083	180BNA036****A	CNPV*4221A**+UI	355BAV042080	36,600	30,000	13.3	18.0	1030	820
3748084	180BNA036****A	CNPV*4221A**+UI	355BAV060080	36,600	30,000	13.4	18.5	1010	840
3748085	180BNA036****A	CNPV*4221A**+UI	355BAV060100	36,800	29,800	13.5	18.0	1040	800
3747899	180BNA036****A	CNPV*4324A**+TDR		37,000	30,400	12.8	16.5	1050	840
3747951	180BNA036****A	CNPV*4324A**+UI	355(A,C)AV042080	37,800	30,800	13.8	19.0	1030	820
3747952	180BNA036****A	CNPV*4324A**+UI	355(A,C)AV060080	37,600	31,000	13.9	19.0	1010	840
3747953	180BNA036****A	CNPV*4324A**+UI	355(A,C)AV060100	37,800	30,600	14.0	19.0	1040	800
3747954	180BNA036****A	CNPV*4324A**+UI	355(A,C)AV060120	37,800	31,000	14.1	19.5	1010	845
3747950	180BNA036****A	CNPV*4324A**+UI	355AAV042040	37,600	30,800	13.8	19.0	1000	835
3748086	180BNA036****A	CNPV*4324A**+UI	355BAV042080	37,800	30,800	13.8	19.0	1030	820
3748087	180BNA036****A	CNPV*4324A**+UI	355BAV060080	37,600	31,000	13.9	19.0	1010	840
3748088	180BNA036****A	CNPV*4324A**+UI	355BAV060100	37,800	30,600	14.0	19.0	1040	800
3748089	180BNA036****A	CNPV*4324A**+UI	355BAV060120	37,800	31,000	14.1	19.5	1010	845
3748014	180BNA036****A	CNPV*4821A**	313*AV048070	37,600	31,200	13.9	19.0	1080	960
3748015	180BNA036****A	CNPV*4821A**	313*AV048090	37,800	31,400	13.8	19.0	1090	985
3748016	180BNA036****A	CNPV*4821A**	353(A,B)AV036060	37,600	31,200	13.8	19.0	1115	945
3748017	180BNA036****A	CNPV*4821A**	353(A,B)AV036080	37,600	31,400	13.8	18.5	1085	1010
3748018	180BNA036****A	CNPV*4821A**	353(A,B)AV048080	36,000	30,000	13.0	17.5	1110	905

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3748071	180BNA036****A	CNPV*4821A**	368RAN036105	37,200	28,000	13.5	18.0	1065	575
3748073	180BNA036****A	CNPV*4821A**	368RAN060120	38,000	31,000	14.0	20.0	1005	840
3748070	180BNA036****A	CNPV*4821A**	374RAN036105	37,400	30,800	13.5	18.5	975	880
3748072	180BNA036****A	CNPV*4821A**	374RAN060120	37,200	28,400	13.7	18.5	1000	595
3747900	180BNA036****A	CNPV*4821A**+TDR		36,000	30,000	12.5	16.5	1050	840
3747922	180BNA036****A	CNPV*4821A**+UI	315(A,J)AV048090	37,200	30,600	13.9	19.0	1005	835
3747923	180BNA036****A	CNPV*4821A**+UI	315(A,J)AV060110	37,400	30,600	13.9	19.0	1020	850
3747955	180BNA036****A	CNPV*4821A**+UI	355(A,C)AV042060	37,400	30,800	13.8	19.0	1055	870
3747956	180BNA036****A	CNPV*4821A**+UI	355(A,C)AV042080	37,200	30,400	13.6	19.0	1030	820
3747957	180BNA036****A	CNPV*4821A**+UI	355(A,C)AV060080	37,200	30,600	13.7	18.5	1010	840
3747958	180BNA036****A	CNPV*4821A**+UI	355(A,C)AV060100	37,400	30,400	13.8	18.5	1040	800
3748090	180BNA036****A	CNPV*4821A**+UI	355BAV042060	37,400	30,800	13.8	19.0	1055	870
3748091	180BNA036****A	CNPV*4821A**+UI	355BAV042080	37,200	30,400	13.6	19.0	1030	820
3748092	180BNA036****A	CNPV*4821A**+UI	355BAV060080	37,200	30,600	13.7	18.5	1010	840
3748093	180BNA036****A	CNPV*4821A**+UI	355BAV060100	37,400	30,400	13.8	18.5	1040	800
3747901	180BNA036****A	CNPV*4824A**+TDR		36,000	30,000	12.7	16.5	1050	840
3747960	180BNA036****A	CNPV*4824A**+UI	355(A,C)AV042080	37,200	30,400	13.6	19.0	1030	820
3747961	180BNA036****A	CNPV*4824A**+UI	355(A,C)AV060080	37,200	30,600	13.7	18.5	1010	840
3747962	180BNA036****A	CNPV*4824A**+UI	355(A,C)AV060100	37,400	30,400	13.8	18.5	1040	800
3747963	180BNA036****A	CNPV*4824A**+UI	355(A,C)AV060120	37,200	30,600	13.9	19.0	1010	845
3747959	180BNA036****A	CNPV*4824A**+UI	355AAV042040	37,000	30,600	13.6	18.5	1000	835
3748094	180BNA036****A	CNPV*4824A**+UI	355BAV042080	37,200	30,400	13.6	19.0	1030	820
3748095	180BNA036****A	CNPV*4824A**+UI	355BAV060080	37,200	30,600	13.7	18.5	1010	840
3748096	180BNA036****A	CNPV*4824A**+UI	355BAV060100	37,400	30,400	13.8	18.5	1040	800
3748097	180BNA036****A	CNPV*4824A**+UI	355BAV060120	37,200	30,600	13.9	19.0	1010	845
3748035	180BNA036****A	CSPH*3612A**	313*AV048070	37,400	31,000	13.8	18.5	1045	925
3748036	180BNA036****A	CSPH*3612A**	313*AV048090	37,400	31,200	13.7	18.5	1060	955
3748037	180BNA036****A	CSPH*3612A**	353(A,B)AV036060	37,400	31,000	13.7	18.5	1080	920
3748038	180BNA036****A	CSPH*3612A**	353(A,B)AV036080	37,400	31,200	13.7	18.5	1055	980
3748039	180BNA036****A	CSPH*3612A**	353(A,B)AV048080	37,400	31,000	13.4	18.0	1080	925
3748055	180BNA036****A	CSPH*3612A**	359BAV036060	37,800	31,000	13.3	18.5	1100	915
3748056	180BNA036****A	CSPH*3612A**	359BAV060080	37,600	30,600	13.5	18.5	1185	865
3748057	180BNA036****A	CSPH*3612A**	359BAV060100	37,600	30,200	13.1	18.5	1100	785
3747906	180BNA036****A	CSPH*3612A**+TDR		36,800	30,000	12.7	16.5	1050	840
3747930	180BNA036****A	CSPH*3612A**+UI	315(A,J)AV036070	37,000	30,400	13.5	18.5	1005	840
3747931	180BNA036****A	CSPH*3612A**+UI	315(A,J)AV048090	37,000	30,400	13.7	19.0	1005	835
3747932	180BNA036****A	CSPH*3612A**+UI	315(A,J)AV060110	37,200	30,600	13.7	18.5	1020	850
3747978	180BNA036****A	CSPH*3612A**+UI	355(A,C)AV042060	37,000	30,400	13.5	18.5	1055	820
3747979	180BNA036****A	CSPH*3612A**+UI	355(A,C)AV042080	37,000	30,400	13.6	18.5	1030	840
3747980	180BNA036****A	CSPH*3612A**+UI	355(A,C)AV060080	37,200	30,200	13.6	18.5	1010	800
3747981	180BNA036****A	CSPH*3612A**+UI	355(A,C)AV060100	37,200	30,600	13.5	18.5	1040	835
3747977	180BNA036****A	CSPH*3612A**+UI	355AAV042040	37,400	30,600	13.6	18.5	1000	870
3748040	180BNA036****A	CSPH*4212A**	313*AV048070	37,600	31,200	13.9	18.5	1060	935
3748041	180BNA036****A	CSPH*4212A**	313*AV048090	37,800	31,400	13.8	19.0	1070	965
3748042	180BNA036****A	CSPH*4212A**	353(A,B)AV036060	37,600	31,200	13.8	19.0	1095	930
3748043	180BNA036****A	CSPH*4212A**	353(A,B)AV036080	37,800	31,400	13.8	18.5	1065	990
3748044	180BNA036****A	CSPH*4212A**	353(A,B)AV048080	37,600	31,200	13.5	18.0	1090	930
3748058	180BNA036****A	CSPH*4212A**	359BAV036060	38,000	31,200	13.4	18.5	1110	925
3748059	180BNA036****A	CSPH*4212A**	359BAV060080	37,800	31,000	13.6	19.0	1195	875
3748060	180BNA036****A	CSPH*4212A**	359BAV060100	37,800	30,400	13.1	18.5	1115	790
3747907	180BNA036****A	CSPH*4212A**+TDR		37,000	30,000	12.7	16.5	1050	840
3747933	180BNA036****A	CSPH*4212A**+UI	315(A,J)AV036070	37,200	30,600	13.6	18.5	1005	840
3747934	180BNA036****A	CSPH*4212A**+UI	315(A,J)AV048090	37,400	30,600	13.8	19.0	1005	835
3747935	180BNA036****A	CSPH*4212A**+UI	315(A,J)AV060110	37,400	30,800	13.8	19.0	1020	850
3747983	180BNA036****A	CSPH*4212A**+UI	355(A,C)AV042060	37,400	30,600	13.6	18.5	1055	820
3747984	180BNA036****A	CSPH*4212A**+UI	355(A,C)AV042080	37,200	30,600	13.7	18.5	1030	840
3747985	180BNA036****A	CSPH*4212A**+UI	355(A,C)AV060080	37,400	30,400	13.7	18.5	1010	800
3747986	180BNA036****A	CSPH*4212A**+UI	355(A,C)AV060100	37,200	30,600	13.6	18.5	1040	835
3747982	180BNA036****A	CSPH*4212A**+UI	355AAV042040	37,600	30,800	13.7	19.0	1000	870
3748045	180BNA036****A	CSPH*4812A**	313*AV048070	37,800	31,400	14.0	19.0	1060	940

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3748046	180BNA036****A	CSPH*4812A**	313*AV048090	38,000	31,600	13.8	19.0	1070	965
3748047	180BNA036****A	CSPH*4812A**	353(A,B)AV036060	37,800	31,400	13.9	19.0	1095	930
3748048	180BNA036****A	CSPH*4812A**	353(A,B)AV036080	37,800	31,600	13.8	19.0	1065	990
3748049	180BNA036****A	CSPH*4812A**	353(A,B)AV048080	36,600	31,000	13.0	17.0	1090	1155
3748061	180BNA036****A	CSPH*4812A**	359BAV036060	38,500	31,400	13.5	19.0	1110	930
3748062	180BNA036****A	CSPH*4812A**	359BAV060080	38,000	31,000	13.6	19.0	1195	880
3748063	180BNA036****A	CSPH*4812A**	359BAV060100	35,800	29,600	13.0	18.0	1115	800
3747908	180BNA036****A	CSPH*4812A**+TDR		37,200	30,200	12.8	16.5	1050	840
3747936	180BNA036****A	CSPH*4812A**+UI	315(A,J)AV036070	37,400	30,800	13.6	18.5	1005	840
3747937	180BNA036****A	CSPH*4812A**+UI	315(A,J)AV048090	37,400	30,800	13.9	19.0	1005	835
3747938	180BNA036****A	CSPH*4812A**+UI	315(A,J)AV060110	37,600	30,800	13.9	19.0	1020	850
3747988	180BNA036****A	CSPH*4812A**+UI	355(A,C)AV042060	37,400	30,600	13.6	19.0	1055	820
3747989	180BNA036****A	CSPH*4812A**+UI	355(A,C)AV042080	37,400	30,800	13.7	19.0	1030	840
3747990	180BNA036****A	CSPH*4812A**+UI	355(A,C)AV060080	37,600	30,400	13.8	19.0	1010	800
3747991	180BNA036****A	CSPH*4812A**+UI	355(A,C)AV060100	36,000	30,000	13.0	17.5	1040	905
3747987	180BNA036****A	CSPH*4812A**+UI	355AAV042040	37,600	31,000	13.8	19.0	1000	870
3747880	180BNA036****A	FE4AN(B,F)003+UI		36,000	30,000	13.4	18.5	1050	875
3747881	180BNA036****A	FE4ANB006+UI		38,000	31,000	14.5	20.0	1050	925
3747883	180BNA036****A	FV4CN(B,F)003		36,000	30,000	13.7	19.0	1050	840
3748074	180BNA036****A	FV4CNB006		38,000	31,000	14.5	20.0	1050	840
3747882	180BNA036****A	FV4CNF002		36,000	30,000	13.3	18.5	1050	840
3747712	187BNA048****A	†CNPH*6124A**+UI	355(A,C)AV060100	50,000	41,000	13.2	16.5	1395	1115
3747713	187BNA048****A	CAP**4817A**+TDR		47,500	39,000	12.0	14.5	1400	1120
3747714	187BNA048****A	CAP**4817A**+UI	315(A,J)AV048090	47,500	39,000	12.5	16.0	1345	1075
3747718	187BNA048****A	CAP**4821A**	313*AV060110	47,500	39,000	12.7	16.0	1350	1110
3747819	187BNA048****A	CAP**4821A**	353(A,B)AV048080	47,500	39,000	12.3	16.0	1430	1105
3747820	187BNA048****A	CAP**4821A**	353(A,B)AV060100	47,500	39,000	12.6	16.0	1385	1050
3747848	187BNA048****A	CAP**4821A**	368RAN060120	47,000	39,000	12.2	15.5	1350	1170
3747847	187BNA048****A	CAP**4821A**	374RAN060120	47,000	39,000	12.1	15.5	1355	1155
3747715	187BNA048****A	CAP**4821A**+TDR		48,000	38,500	12.0	14.5	1600	1120
3747716	187BNA048****A	CAP**4821A**+UI	355(A,C)AV060080	47,000	38,500	12.3	15.5	1310	1050
3747717	187BNA048****A	CAP**4821A**+UI	355(A,C)AV060100	47,000	39,000	12.2	15.5	1395	1115
3747864	187BNA048****A	CAP**4821A**+UI	355BAV060080	47,000	38,500	12.3	15.5	1310	1050
3747865	187BNA048****A	CAP**4821A**+UI	355BAV060100	47,000	39,000	12.2	15.5	1395	1115
3747815	187BNA048****A	CAP**4823A**	359BAV060080	46,000	39,000	11.8	15.0	1470	1160
3747814	187BNA048****A	CAP**4823A**+TDR		46,000	38,000	11.8	14.5	1400	1120
3747723	187BNA048****A	CAP**4824A**	313*AV048090	47,500	39,000	12.5	16.0	1415	1100
3747724	187BNA048****A	CAP**4824A**	313*AV060110	47,500	39,500	12.8	16.0	1375	1130
3747821	187BNA048****A	CAP**4824A**	353(A,B)AV060100	47,500	39,000	12.7	16.0	1410	1065
3747822	187BNA048****A	CAP**4824A**	353(A,B)AV060120	48,000	40,000	12.8	16.0	1425	1260
3747850	187BNA048****A	CAP**4824A**	368RAN060120	47,000	39,500	12.2	15.5	1350	1170
3747849	187BNA048****A	CAP**4824A**	374RAN060120	47,000	39,000	12.2	15.5	1355	1155
3747719	187BNA048****A	CAP**4824A**+TDR		47,000	38,500	12.0	14.5	1400	1120
3747721	187BNA048****A	CAP**4824A**+UI	315(A,J)AV060110	47,500	39,000	12.6	16.0	1355	1085
3747722	187BNA048****A	CAP**4824A**+UI	315(A,J)AV066135	47,500	39,000	12.8	16.0	1355	1085
3747720	187BNA048****A	CAP**4824A**+UI	355(A,C)AV060120	47,500	39,000	12.5	16.0	1360	1090
3747866	187BNA048****A	CAP**4824A**+UI	355BAV060120	47,500	39,000	12.5	16.0	1360	1090
3747729	187BNA048****A	CAP**6021A**	313*AV048090	48,500	39,500	12.8	16.0	1410	1100
3747730	187BNA048****A	CAP**6021A**	313*AV060110	48,500	39,500	13.0	16.5	1370	1125
3747852	187BNA048****A	CAP**6021A**	368RAN060120	47,000	39,000	12.7	15.5	1350	1170
3747851	187BNA048****A	CAP**6021A**	374RAN060120	48,000	39,000	12.4	15.5	1355	1155
3747725	187BNA048****A	CAP**6021A**+TDR		48,000	39,000	12.3	14.5	1400	1120
3747728	187BNA048****A	CAP**6021A**+UI	315(A,J)AV060110	48,500	39,500	12.8	16.0	1355	1085
3747726	187BNA048****A	CAP**6021A**+UI	355(A,C)AV060080	48,000	39,000	12.6	16.0	1310	1050
3747727	187BNA048****A	CAP**6021A**+UI	355(A,C)AV060100	48,500	39,500	12.5	16.0	1395	1115
3747867	187BNA048****A	CAP**6021A**+UI	355BAV060080	48,000	39,000	12.6	16.0	1310	1050
3747868	187BNA048****A	CAP**6021A**+UI	355BAV060100	48,500	39,500	12.5	16.0	1395	1115
3747735	187BNA048****A	CAP**6024A**	313*AV060110	48,500	40,000	13.1	16.5	1380	1130
3747736	187BNA048****A	CAP**6024A**	313*AV060135	48,500	40,000	12.9	16.0	1400	1235

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747823	187BNA048****A	CAP**6024A**	353(A,B)AV060100	48,500	39,500	12.9	16.5	1410	1070
3747824	187BNA048****A	CAP**6024A**	353(A,B)AV060120	49,000	40,500	13.0	16.5	1425	1260
3747732	187BNA048****A	CAP**6024A**+UI	315(A,J)AV060110	48,500	39,500	12.8	16.0	1355	1085
3747733	187BNA048****A	CAP**6024A**+UI	315(A,J)AV066135	48,500	39,500	13.0	16.5	1355	1085
3747734	187BNA048****A	CAP**6024A**+UI	315(A,J)AV066155	48,500	39,500	13.1	16.5	1365	1090
3747731	187BNA048****A	CAP**6024A**+UI	355(A,C)AV060120	48,500	39,500	12.8	16.0	1360	1090
3747869	187BNA048****A	CAP**6024A**+UI	355BAV060120	48,500	39,500	12.8	16.0	1360	1090
3747817	187BNA048****A	CAP**6025A**	359BAV060080	47,500	40,000	12.2	16.0	1495	1185
3747818	187BNA048****A	CAP**6025A**	359BAV060100	47,000	39,000	12.2	15.5	1430	1120
3747816	187BNA048****A	CAP**6025A**+TDR		47,000	38,000	12.0	14.5	1400	1120
3747768	187BNA048****A	CNPH*4821A**	313*AV048090	47,500	39,500	12.6	16.0	1420	1105
3747769	187BNA048****A	CNPH*4821A**	313*AV060110	48,000	39,500	12.8	16.0	1380	1130
3747832	187BNA048****A	CNPH*4821A**	353(A,B)AV048080	47,500	38,500	12.4	16.0	1450	1020
3747833	187BNA048****A	CNPH*4821A**	353(A,B)AV060100	47,500	39,000	12.7	16.5	1410	1070
3747834	187BNA048****A	CNPH*4821A**	353(A,B)AV060120	48,000	40,000	12.8	16.0	1425	1260
3747764	187BNA048****A	CNPH*4821A**+TDR		47,000	38,500	12.1	14.5	1400	1120
3747767	187BNA048****A	CNPH*4821A**+UI	315(A,J)AV060110	47,500	39,000	12.6	16.0	1355	1085
3747765	187BNA048****A	CNPH*4821A**+UI	355(A,C)AV060080	47,000	39,000	12.4	16.0	1310	1050
3747766	187BNA048****A	CNPH*4821A**+UI	355(A,C)AV060100	47,500	39,000	12.3	15.5	1395	1115
3747774	187BNA048****A	CNPH*6024A**	313*AV060110	48,500	40,000	13.1	16.5	1395	1145
3747775	187BNA048****A	CNPH*6024A**	313*AV060135	48,500	40,500	12.9	16.0	1420	1255
3747835	187BNA048****A	CNPH*6024A**	353(A,B)AV048080	48,500	39,500	12.6	16.0	1455	1130
3747836	187BNA048****A	CNPH*6024A**	353(A,B)AV060100	48,500	39,500	12.9	16.5	1425	1085
3747837	187BNA048****A	CNPH*6024A**	353(A,B)AV060120	49,000	40,500	13.0	16.5	1440	1275
3747770	187BNA048****A	CNPH*6024A**+TDR		48,000	39,000	12.2	14.5	1400	1120
3747772	187BNA048****A	CNPH*6024A**+UI	315(A,J)AV066135	48,500	39,500	13.0	16.5	1355	1085
3747773	187BNA048****A	CNPH*6024A**+UI	315(A,J)AV066155	48,500	39,500	13.2	16.5	1365	1090
3747812	187BNA048****A	CNPH*6024A**+UI	355(A,C)AV060080	48,000	39,000	12.7	16.0	1310	1050
3747813	187BNA048****A	CNPH*6024A**+UI	355(A,C)AV060100	48,500	39,500	12.6	16.0	1395	1115
3747771	187BNA048****A	CNPH*6024A**+UI	355(A,C)AV060120	48,000	39,500	12.8	16.5	1360	1090
3747808	187BNA048****A	CNPH*6124A**	313*AV048090	50,500	41,000	13.4	17.0	1410	1095
3747779	187BNA048****A	CNPH*6124A**	313*AV060110	50,500	41,500	13.7	17.5	1370	1120
3747780	187BNA048****A	CNPH*6124A**	313*AV060135	50,500	42,000	13.5	17.0	1390	1220
3747838	187BNA048****A	CNPH*6124A**	353(A,B)AV048080	50,500	40,500	13.2	17.0	1445	1010
3747839	187BNA048****A	CNPH*6124A**	353(A,B)AV060100	50,500	41,000	13.6	17.5	1400	1060
3747840	187BNA048****A	CNPH*6124A**	353(A,B)AV060120	50,500	42,000	13.7	17.0	1420	1250
3747777	187BNA048****A	CNPH*6124A**+UI	315(A,J)AV060110	50,000	41,000	13.5	17.0	1355	1085
3747778	187BNA048****A	CNPH*6124A**+UI	315(A,J)AV066135	50,500	41,000	13.6	17.0	1355	1085
3747776	187BNA048****A	CNPH*6124A**+UI	355(A,C)AV060120	50,000	41,000	13.4	17.0	1360	1090
3747741	187BNA048****A	CNPV*4821A**	313*AV060110	47,500	39,500	12.8	16.0	1380	1130
3747825	187BNA048****A	CNPV*4821A**	353(A,B)AV048080	47,500	39,500	12.4	16.0	1450	1120
3747826	187BNA048****A	CNPV*4821A**	353(A,B)AV060100	48,000	39,000	12.7	16.5	1410	1070
3747854	187BNA048****A	CNPV*4821A**	368RAN060120	47,000	39,000	12.3	15.5	1350	1170
3747853	187BNA048****A	CNPV*4821A**	374RAN060120	47,000	39,000	12.2	15.5	1355	1155
3747737	187BNA048****A	CNPV*4821A**+TDR		47,000	38,500	12.1	14.5	1400	1120
3747740	187BNA048****A	CNPV*4821A**+UI	315(A,J)AV060110	47,500	39,000	12.6	16.0	1355	1085
3747738	187BNA048****A	CNPV*4821A**+UI	355(A,C)AV060080	47,000	39,000	12.4	16.0	1310	1050
3747739	187BNA048****A	CNPV*4821A**+UI	355(A,C)AV060100	47,500	39,000	12.3	15.5	1395	1115
3747870	187BNA048****A	CNPV*4821A**+UI	355BAV060080	47,000	39,000	12.4	16.0	1310	1050
3747871	187BNA048****A	CNPV*4821A**+UI	355BAV060100	47,500	39,000	12.3	15.5	1395	1115
3747746	187BNA048****A	CNPV*4824A**	313*AV060110	48,000	39,500	12.8	16.0	1380	1130
3747747	187BNA048****A	CNPV*4824A**	313*AV060135	47,500	40,000	12.7	16.0	1400	1235
3747827	187BNA048****A	CNPV*4824A**	353(A,B)AV060100	48,000	39,000	12.7	16.5	1410	1070
3747748	187BNA048****A	CNPV*4824A**	353(A,B)AV060120	48,000	40,000	12.8	16.0	1425	1265
3747856	187BNA048****A	CNPV*4824A**	368RAN060120	47,000	39,000	12.3	15.5	1350	1170
3747855	187BNA048****A	CNPV*4824A**	374RAN060120	47,000	39,000	12.1	15.5	1355	1155
3747742	187BNA048****A	CNPV*4824A**+TDR		47,000	38,500	12.1	14.5	1400	1120
3747743	187BNA048****A	CNPV*4824A**+UI	315(A,J)AV060110	47,500	39,000	12.6	16.0	1355	1085
3747744	187BNA048****A	CNPV*4824A**+UI	315(A,J)AV066135	47,500	39,000	12.8	16.0	1355	1085
3747745	187BNA048****A	CNPV*4824A**+UI	315(A,J)AV066155	47,500	39,500	12.9	16.5	1365	1090

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747753	187BNA048****A	CNPV*6024A**	313*AV060110	48,500	40,000	13.1	16.5	1395	1145
3747754	187BNA048****A	CNPV*6024A**	313*AV060135	48,500	40,500	12.9	16.0	1420	1255
3747828	187BNA048****A	CNPV*6024A**	353(A,B)AV060100	48,500	39,500	12.9	16.5	1425	1085
3747829	187BNA048****A	CNPV*6024A**	353(A,B)AV060120	49,000	40,500	13.1	16.5	1440	1275
3747755	187BNA048****A	CNPV*6024A**	359BAV060100	48,500	40,000	12.6	16.0	1440	1115
3747858	187BNA048****A	CNPV*6024A**	368RAN060120	48,000	40,000	12.6	16.0	1350	1170
3747857	187BNA048****A	CNPV*6024A**	374RAN060120	48,000	39,000	12.5	16.0	1355	1155
3747749	187BNA048****A	CNPV*6024A**+TDR		48,000	39,000	12.2	14.5	1400	1120
3747750	187BNA048****A	CNPV*6024A**+UI	315(A,J)AV060110	48,500	39,500	12.9	16.5	1355	1085
3747751	187BNA048****A	CNPV*6024A**+UI	315(A,J)AV066135	48,500	39,500	13.0	16.5	1355	1085
3747752	187BNA048****A	CNPV*6024A**+UI	315(A,J)AV066155	48,500	39,500	13.2	16.5	1365	1090
3747809	187BNA048****A	CNPV*6024A**+UI	355(A,C)AV060080	48,000	39,000	12.6	16.0	1310	1050
3747810	187BNA048****A	CNPV*6024A**+UI	355(A,C)AV060100	48,500	39,500	12.6	16.0	1395	1115
3747811	187BNA048****A	CNPV*6024A**+UI	355(A,C)AV060120	48,500	39,500	12.8	16.0	1360	1090
3747874	187BNA048****A	CNPV*6024A**+UI	355BAV060080	48,000	39,000	12.6	16.0	1310	1050
3747875	187BNA048****A	CNPV*6024A**+UI	355BAV060100	48,500	39,500	12.6	16.0	1395	1115
3747876	187BNA048****A	CNPV*6024A**+UI	355BAV060120	48,500	39,500	12.8	16.0	1360	1090
3747807	187BNA048****A	CNPV*6124A**	313*AV048090	51,000	42,000	13.6	17.5	1435	1125
3747762	187BNA048****A	CNPV*6124A**	313*AV060110	51,000	42,000	13.8	17.5	1400	1160
3747763	187BNA048****A	CNPV*6124A**	313*AV060135	51,000	41,000	13.7	17.5	1425	1265
3747760	187BNA048****A	CNPV*6124A**	315(A,J)AV066155	51,000	41,500	13.9	18.0	1365	1090
3747830	187BNA048****A	CNPV*6124A**	353(A,B)AV060100	51,000	41,500	13.7	17.5	1430	1095
3747831	187BNA048****A	CNPV*6124A**	353(A,B)AV060120	51,000	42,500	13.8	17.5	1445	1285
3747860	187BNA048****A	CNPV*6124A**	368RAN060120	48,000	42,000	13.5	16.5	1350	1170
3747859	187BNA048****A	CNPV*6124A**	374RAN060120	48,000	42,000	13.2	16.5	1355	1155
3747758	187BNA048****A	CNPV*6124A**+UI	315(A,J)AV060110	50,500	41,500	13.7	17.5	1355	1085
3747759	187BNA048****A	CNPV*6124A**+UI	315(A,J)AV066135	50,500	41,500	13.8	17.5	1355	1085
3747761	187BNA048****A	CNPV*6124A**+UI	315(A,J)AV066155	51,000	41,500	13.9	17.0	1365	1090
3747756	187BNA048****A	CNPV*6124A**+UI	355(A,C)AV060100	50,500	41,500	13.4	17.0	1395	1115
3747757	187BNA048****A	CNPV*6124A**+UI	355(A,C)AV060120	50,500	41,500	13.6	17.5	1360	1090
3747872	187BNA048****A	CNPV*6124A**+UI	355BAV060100	50,500	41,500	13.4	17.0	1395	1115
3747873	187BNA048****A	CNPV*6124A**+UI	355BAV060120	50,500	41,500	13.6	17.5	1360	1090
3747785	187BNA048****A	CSPH*4812A**	313*AV048090	48,000	39,500	12.6	16.0	1390	1080
3747786	187BNA048****A	CSPH*4812A**	313*AV060110	48,000	39,500	12.9	16.5	1340	1105
3747787	187BNA048****A	CSPH*4812A**	313*AV060135	48,000	40,000	12.7	16.0	1360	1200
3747841	187BNA048****A	CSPH*4812A**	353(A,B)AV048080	48,000	39,500	12.4	16.0	1425	1100
3747842	187BNA048****A	CSPH*4812A**	353(A,B)AV060100	48,000	39,000	12.8	16.5	1380	1045
3747843	187BNA048****A	CSPH*4812A**	353(A,B)AV060120	48,000	40,500	12.9	16.0	1395	1230
3747788	187BNA048****A	CSPH*4812A**	359BAV060080	48,000	40,000	12.3	16.0	1465	1160
3747789	187BNA048****A	CSPH*4812A**	359BAV060100	48,000	39,500	12.5	16.0	1400	1100
3747861	187BNA048****A	CSPH*4812A**	374RAN060120	47,000	40,000	12.2	15.5	1355	1155
3747781	187BNA048****A	CSPH*4812A**+TDR		47,500	39,000	12.2	14.5	1400	1120
3747782	187BNA048****A	CSPH*4812A**+UI	315(A,J)AV048090	47,500	39,000	12.5	15.5	1345	1075
3747783	187BNA048****A	CSPH*4812A**+UI	315(A,J)AV060110	48,000	39,500	12.6	15.5	1355	1085
3747784	187BNA048****A	CSPH*4812A**+UI	315(A,J)AV066135	48,000	39,500	12.8	16.0	1355	1085
3747798	187BNA048****A	CSPH*6012A**	313*AV048090	49,000	40,000	12.9	16.5	1430	1110
3747799	187BNA048****A	CSPH*6012A**	313*AV060110	49,000	40,000	13.1	16.5	1395	1135
3747800	187BNA048****A	CSPH*6012A**	313*AV060135	49,000	40,500	13.0	16.5	1420	1250
3747844	187BNA048****A	CSPH*6012A**	353(A,B)AV048080	49,000	40,000	12.6	16.0	1460	1125
3747845	187BNA048****A	CSPH*6012A**	353(A,B)AV060100	49,000	40,000	13.0	16.5	1425	1075
3747846	187BNA048****A	CSPH*6012A**	353(A,B)AV060120	49,000	41,000	13.1	16.5	1440	1270
3747801	187BNA048****A	CSPH*6012A**	359BAV060080	49,000	40,500	12.6	16.0	1510	1190
3747802	187BNA048****A	CSPH*6012A**	359BAV060100	49,000	40,000	12.7	16.5	1440	1130
3747862	187BNA048****A	CSPH*6012A**	374RAN060120	48,000	40,000	12.8	16.0	1355	1155
3747790	187BNA048****A	CSPH*6012A**+TDR		48,500	39,500	12.3	15.0	1400	1120
3747794	187BNA048****A	CSPH*6012A**+UI	315(A,J)AV048090	48,500	39,500	12.8	16.5	1345	1075
3747795	187BNA048****A	CSPH*6012A**+UI	315(A,J)AV060110	48,500	40,000	12.9	16.5	1355	1085
3747796	187BNA048****A	CSPH*6012A**+UI	315(A,J)AV066135	48,500	40,000	13.1	16.5	1355	1085
3747797	187BNA048****A	CSPH*6012A**+UI	315(A,J)AV066155	49,000	40,000	13.2	16.5	1365	1090
3747791	187BNA048****A	CSPH*6012A**+UI	355(A,C)AV060080	48,000	39,500	12.7	16.0	1310	1050

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747792	187BNA048****A	CSPH*6012A**+UI	355(A,C)AV060100	48,500	40,000	12.6	16.0	1395	1115
3747793	187BNA048****A	CSPH*6012A**+UI	355(A,C)AV060120	48,500	40,000	12.9	16.5	1360	1090
3747803	187BNA048****A	FE4AN(B,F)005+UI		48,500	40,000	13.1	16.5	1400	1120
3747804	187BNA048****A	FE4ANB006+UI		49,500	40,500	13.4	17.0	1400	1120
3747805	187BNA048****A	FV4CN(B,F)005		48,500	40,000	13.1	16.5	1400	1120
3747806	187BNA048****A	FV4CNB006		49,500	40,500	13.4	17.0	1400	1120
3747391	187BNA060****A	†CNPH*6124A**	313*AV060110	59,000	47,000	13.0	16.5	1675	1245
3747396	187BNA060****A	CAP**6021A**	313*AV060110	58,500	46,500	13.0	16.5	1670	1250
3747459	187BNA060****A	CAP**6021A**	368RAN060120	58,500	47,000	12.5	16.0	1735	1350
3747458	187BNA060****A	CAP**6021A**	374RAN060120	57,500	47,000	12.0	15.5	1740	1355
3747392	187BNA060****A	CAP**6021A**+TDR		58,500	46,500	12.6	15.0	1750	1400
3747395	187BNA060****A	CAP**6021A**+UI	315(A,J)AV060110	58,500	47,000	12.7	16.0	1695	1355
3747393	187BNA060****A	CAP**6021A**+UI	355(A,C)AV060080	58,000	46,500	12.0	15.5	1730	1310
3747394	187BNA060****A	CAP**6021A**+UI	355(A,C)AV060100	58,000	47,000	12.3	15.5	1660	1395
3747505	187BNA060****A	CAP**6021A**+UI	355BAV060080	58,000	46,500	12.0	15.5	1730	1310
3747506	187BNA060****A	CAP**6021A**+UI	355BAV060100	58,000	47,000	12.3	15.5	1660	1395
3747401	187BNA060****A	CAP**6024A**	313*AV060135	58,500	46,500	12.9	16.0	1650	1260
3747446	187BNA060****A	CAP**6024A**	353(A,B)AV060100	58,500	46,500	12.9	16.0	1630	1260
3747447	187BNA060****A	CAP**6024A**	353(A,B)AV060120	58,500	47,000	13.1	16.5	1640	1280
3747461	187BNA060****A	CAP**6024A**	368RAN060120	58,000	47,000	12.7	16.0	1735	1350
3747460	187BNA060****A	CAP**6024A**	374RAN060120	58,000	47,000	12.2	15.5	1740	1355
3747397	187BNA060****A	CAP**6024A**+TDR		58,500	46,500	12.6	15.0	1750	1400
3747399	187BNA060****A	CAP**6024A**+UI	315(A,J)AV066135	58,500	47,000	13.0	16.0	1685	1355
3747400	187BNA060****A	CAP**6024A**+UI	315(A,J)AV066155	59,000	47,500	13.1	16.5	1705	1365
3747398	187BNA060****A	CAP**6024A**+UI	355(A,C)AV060120	58,000	47,000	12.6	15.5	1680	1360
3747507	187BNA060****A	CAP**6024A**+UI	355BAV060120	58,000	47,000	12.6	15.5	1680	1360
3747467	187BNA060****A	CAP**6025A**	359BAV060080	56,500	46,000	11.6	15.5	1845	1445
3747445	187BNA060****A	CAP**6025A**	359BAV060100	56,500	46,500	11.8	15.5	1775	1415
3747444	187BNA060****A	CAP**6025A**+TDR		57,000	46,000	11.8	14.5	1750	1400
3747418	187BNA060****A	CNPH*6024A**	313*AV060110	58,500	47,000	13.0	16.5	1700	1275
3747419	187BNA060****A	CNPH*6024A**	313*AV060135	58,500	47,000	12.9	16.0	1670	1280
3747452	187BNA060****A	CNPH*6024A**	353(A,B)AV060100	58,500	47,000	13.0	16.5	1645	1275
3747453	187BNA060****A	CNPH*6024A**	353(A,B)AV060120	58,500	47,000	13.0	16.5	1655	1290
3747412	187BNA060****A	CNPH*6024A**+TDR		58,500	46,500	12.6	15.0	1750	1400
3747415	187BNA060****A	CNPH*6024A**+UI	315(A,J)AV060110	58,500	47,000	12.8	16.0	1695	1355
3747416	187BNA060****A	CNPH*6024A**+UI	315(A,J)AV066135	58,500	47,000	13.0	16.0	1685	1355
3747417	187BNA060****A	CNPH*6024A**+UI	315(A,J)AV066155	58,500	47,500	13.1	16.5	1705	1365
3747413	187BNA060****A	CNPH*6024A**+UI	355(A,C)AV060100	57,500	47,000	12.3	15.5	1660	1395
3747414	187BNA060****A	CNPH*6024A**+UI	355(A,C)AV060120	58,000	47,000	12.6	16.0	1680	1360
3747426	187BNA060****A	CNPH*6124A**	313*AV060135	58,500	47,000	12.9	16.0	1640	1245
3747454	187BNA060****A	CNPH*6124A**	353(A,B)AV060100	58,500	47,000	13.0	16.5	1625	1255
3747455	187BNA060****A	CNPH*6124A**	353(A,B)AV060120	58,500	47,000	13.1	16.5	1630	1270
3747420	187BNA060****A	CNPH*6124A**+TDR		59,000	47,000	12.7	15.0	1750	1400
3747423	187BNA060****A	CNPH*6124A**+UI	315(A,J)AV060110	58,500	47,500	12.8	16.0	1695	1355
3747424	187BNA060****A	CNPH*6124A**+UI	315(A,J)AV066135	59,000	47,500	13.0	16.0	1685	1355
3747425	187BNA060****A	CNPH*6124A**+UI	315(A,J)AV066155	59,000	47,500	13.2	16.5	1705	1365
3747421	187BNA060****A	CNPH*6124A**+UI	355(A,C)AV060100	58,000	47,500	12.3	15.5	1660	1395
3747422	187BNA060****A	CNPH*6124A**+UI	355(A,C)AV060120	58,500	47,500	12.6	15.5	1680	1360
3747443	187BNA060****A	CNPV*6024A**	313*AV060110	58,500	47,500	13.0	16.0	1700	1425
3747406	187BNA060****A	CNPV*6024A**	313*AV060135	58,500	47,000	12.9	16.0	1670	1280
3747448	187BNA060****A	CNPV*6024A**	353(A,B)AV060100	58,500	47,000	13.0	16.5	1645	1275
3747449	187BNA060****A	CNPV*6024A**	353(A,B)AV060120	58,500	47,000	13.1	16.5	1655	1290
3747463	187BNA060****A	CNPV*6024A**	368RAN060120	58,500	47,000	12.7	16.0	1735	1350
3747462	187BNA060****A	CNPV*6024A**	374RAN060120	57,500	47,000	12.2	15.5	1740	1355
3747402	187BNA060****A	CNPV*6024A**+TDR		58,500	46,500	12.6	15.0	1750	1400
3747442	187BNA060****A	CNPV*6024A**+UI	315(A,J)AV060110	58,500	47,000	12.8	16.0	1695	1355
3747404	187BNA060****A	CNPV*6024A**+UI	315(A,J)AV066135	58,500	47,000	13.0	16.0	1685	1355
3747405	187BNA060****A	CNPV*6024A**+UI	315(A,J)AV066155	58,500	47,500	13.1	16.5	1705	1365
3747441	187BNA060****A	CNPV*6024A**+UI	355(A,C)AV060100	57,500	47,000	12.3	15.5	1660	1395

See notes on page 26

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Outdoor Model Number	Indoor Coil Model Number	Furnace Model	Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3747403	187BNA060****A	CNPV*6024A**+UI	355(A,C)AV060120	58,000	47,000	12.6	16.0	1680	1360
3747511	187BNA060****A	CNPV*6024A**+UI	355BAV060100	57,500	47,000	12.3	15.5	1660	1395
3747508	187BNA060****A	CNPV*6024A**+UI	355BAV060120	58,000	47,000	12.6	16.0	1680	1360
3747440	187BNA060****A	CNPV*6124A**	313*AV060110	59,500	48,500	13.2	16.5	1710	1435
3747411	187BNA060****A	CNPV*6124A**	313*AV060135	59,000	47,500	13.1	16.5	1675	1290
3747450	187BNA060****A	CNPV*6124A**	353(A,B)AV060100	59,000	47,500	13.1	16.5	1650	1285
3747451	187BNA060****A	CNPV*6124A**	353(A,B)AV060120	58,500	47,000	13.0	16.5	1660	1300
3747465	187BNA060****A	CNPV*6124A**	368RAN060120	59,500	47,500	12.9	16.5	1735	1350
3747464	187BNA060****A	CNPV*6124A**	374RAN060120	59,000	47,500	12.5	16.0	1740	1355
3747407	187BNA060****A	CNPV*6124A**+TDR		59,500	47,500	12.8	15.0	1750	1400
3747439	187BNA060****A	CNPV*6124A**+UI	315(A,J)AV060110	59,000	48,000	13.0	16.0	1695	1355
3747409	187BNA060****A	CNPV*6124A**+UI	315(A,J)AV066135	59,500	48,000	13.2	16.5	1685	1355
3747410	187BNA060****A	CNPV*6124A**+UI	315(A,J)AV066155	59,500	48,000	13.3	16.5	1705	1365
3747438	187BNA060****A	CNPV*6124A**+UI	355(A,C)AV060100	58,500	47,500	12.5	15.5	1660	1395
3747408	187BNA060****A	CNPV*6124A**+UI	355(A,C)AV060120	59,000	47,500	12.8	16.0	1680	1360
3747510	187BNA060****A	CNPV*6124A**+UI	355BAV060100	58,500	47,500	12.5	15.5	1660	1395
3747509	187BNA060****A	CNPV*6124A**+UI	355BAV060120	59,000	47,500	12.8	16.0	1680	1360
3747434	187BNA060****A	CSPH*6012A**	313*AV060110	59,000	47,000	13.1	16.5	1710	1270
3747435	187BNA060****A	CSPH*6012A**	313*AV060135	58,500	47,000	13.0	16.5	1675	1275
3747456	187BNA060****A	CSPH*6012A**	353(A,B)AV060100	58,500	47,000	13.1	16.5	1650	1270
3747457	187BNA060****A	CSPH*6012A**	353(A,B)AV060120	59,000	47,000	13.2	16.5	1660	1290
3747466	187BNA060****A	CSPH*6012A**	374RAN060120	58,500	47,500	12.4	16.0	1740	1355
3747427	187BNA060****A	CSPH*6012A**+TDR		59,000	47,000	12.7	15.0	1750	1400
3747431	187BNA060****A	CSPH*6012A**+UI	315(A,J)AV060110	58,500	47,500	12.9	16.0	1695	1355
3747432	187BNA060****A	CSPH*6012A**+UI	315(A,J)AV066135	59,000	47,500	13.1	16.5	1685	1355
3747433	187BNA060****A	CSPH*6012A**+UI	315(A,J)AV066155	59,000	47,500	13.2	16.5	1705	1365
3747428	187BNA060****A	CSPH*6012A**+UI	355(A,C)AV060080	58,000	47,000	12.2	15.5	1730	1310
3747429	187BNA060****A	CSPH*6012A**+UI	355(A,C)AV060100	58,000	47,500	12.4	15.5	1660	1395
3747430	187BNA060****A	CSPH*6012A**+UI	355(A,C)AV060120	58,500	47,500	12.7	16.0	1680	1360
3747436	187BNA060****A	FE4ANB006+UI		59,500	48,000	13.4	17.0	1750	1400
3747437	187BNA060****A	FV4CNB006		59,500	48,000	13.4	16.5	1750	1400

† Tested combination

EER — Energy Efficiency Ratio

SEER — Seasonal Energy Efficiency Ratio

TDR — Time–Delay Relay. In most cases, only 1 method should be used to achieve TDR function. Using more than 1 method in a system may cause degradation in performance. Use either the accessory Time–Delay Relay KAATD0101TDR or a furnace equipped with TDR. Most Bryant furnaces

are

equipped with TDR.

TXV — Thermostatic Expansion Valve

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 affected.

DETAILED COOLING CAPACITIES#

EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)															
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)							
		Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**						
187BNA024--A HIGH Outdoor Section With CNPVP4217 Indoor Section																			
600	57 (13.9)	22.73	22.73	1.53	22.01	22.01	21.22	1.86	20.36	20.36	19.43	19.43	2.24	18.40	18.40	2.48	2.48		
	62 (16.7)	24.15	20.31	1.54	23.17	19.64	18.95	1.86	20.99	18.24	19.77	17.52	2.25	18.49	16.78	2.48	2.48		
	63 (17.2)††	24.66	16.79	1.54	23.66	16.15	17.70	1.87	21.42	14.82	2.05	20.18	14.13	2.25	18.83	13.42	2.48		
	67 (19.4)	26.66	17.43	1.56	25.58	16.77	16.11	1.88	23.17	15.43	2.06	21.85	14.74	2.27	20.40	14.03	2.50		
	72 (22.2)	29.46	14.50	1.58	28.27	13.87	13.23	1.90	25.65	12.59	2.09	24.19	11.93	2.29	22.62	11.25	2.52		
715	57 (13.9)	24.27	24.27	1.56	23.46	23.46	21.72	1.89	21.64	20.61	2.07	19.47	2.28	19.47	19.47	2.51	2.51		
	62 (16.7)	25.08	22.43	1.57	24.03	21.72	20.98	1.89	21.73	20.23	2.07	19.51	2.28	19.51	19.51	2.51	2.51		
	63 (17.2)††	25.57	18.25	1.57	24.48	17.57	18.73	1.89	22.08	16.18	2.08	19.33	2.28	19.33	14.73	2.51	2.51		
	67 (19.4)	27.62	18.98	1.59	26.45	18.30	17.60	1.91	23.87	16.89	2.09	20.93	2.29	20.93	15.44	2.52	2.52		
	72 (22.2)	30.50	15.50	1.61	29.22	14.84	14.18	1.93	26.40	13.51	2.11	24.85	2.32	23.19	12.13	2.55	2.55		
750	57 (13.9)	24.68	24.68	1.57	23.85	23.85	21.97	1.90	21.97	20.92	2.08	19.76	2.29	19.76	19.76	2.52	2.52		
	62 (16.7)	25.32	23.05	1.58	24.25	22.33	21.58	1.90	22.01	22.01	2.08	19.79	2.29	19.79	19.79	2.52	2.52		
	63 (17.2)††	25.79	18.67	1.58	24.69	17.99	17.29	1.90	22.24	16.58	2.08	19.45	2.29	19.45	15.12	2.51	2.51		
	67 (19.4)	27.85	19.44	1.59	26.66	18.74	18.04	1.92	24.04	17.33	2.10	21.06	2.30	21.06	15.86	2.53	2.53		
	72 (22.2)	30.75	15.79	1.62	29.44	15.13	14.46	1.94	26.58	13.78	2.12	25.01	2.33	23.32	12.39	2.55	2.55		
800	57 (13.9)	25.23	25.23	1.59	24.36	24.36	22.43	1.91	22.42	22.42	2.09	20.13	2.30	20.13	20.13	2.53	2.53		
	62 (16.7)	25.63	23.93	1.59	24.55	23.18	23.46	1.91	22.45	22.45	2.10	21.36	2.30	21.36	20.16	2.53	2.53		
	63 (17.2)††	26.08	19.27	1.59	24.94	18.57	17.86	1.91	22.45	17.15	2.10	21.08	2.30	19.61	15.66	2.52	2.52		
	67 (19.4)	28.15	20.08	1.61	26.93	19.37	17.94	1.93	24.26	17.94	2.11	22.79	2.31	21.22	16.44	2.54	2.54		
	72 (22.2)	31.08	16.19	1.63	29.73	15.52	14.84	1.95	26.81	14.16	2.13	25.21	2.34	23.49	12.75	2.56	2.56		

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																							
CFM	EWB °F (°C)	75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
		Capacity MBtuh		Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh	Total Sys. KW**				
Total	Sens†	Total	Sens†				Total	Sens†				Total	Sens†				Total	Sens†				Total	Sens†	Total	Sens†
187BNA024--A LOW Outdoor Section With CNPVP4217 Indoor Section																									
450	57 (13.9)	16.08	16.08	1.00	15.50	15.50	1.16	14.87	14.87	1.35	14.19	14.19	1.56	13.45	13.45	1.81	12.64	12.64	2.10						
	62 (16.7)	17.21	13.77	1.01	16.42	13.42	1.17	15.57	13.04	1.35	14.66	12.65	1.56	13.67	12.23	1.81	12.67	12.67	2.10						
	63 (17.2)†	17.63	11.41	1.01	16.83	11.06	1.17	15.96	10.68	1.35	15.03	10.29	1.56	14.01	9.87	1.81	12.93	9.43	2.10						
	67 (19.4)	19.26	11.92	1.02	18.39	11.56	1.18	17.45	11.19	1.36	16.45	10.80	1.57	15.37	10.38	1.92	14.21	9.93	2.11						
	72 (22.2)	21.55	10.03	1.04	20.58	9.67	1.19	19.55	9.30	1.37	18.47	8.91	1.58	17.29	8.49	1.82	16.03	8.05	2.12						
500	57 (13.9)	16.84	16.84	1.01	16.22	16.22	1.17	15.55	15.55	1.36	14.82	14.82	1.57	14.03	14.03	1.82	13.17	13.17	2.11						
	62 (16.7)	17.70	14.66	1.02	16.87	14.29	1.18	15.98	13.91	1.36	15.03	13.50	1.57	14.06	14.06	1.82	13.19	13.19	2.11						
	63 (17.2)†	18.12	12.03	1.02	17.27	11.67	1.18	16.36	11.29	1.36	15.38	10.88	1.57	14.33	10.45	1.82	13.20	10.00	2.11						
	67 (19.4)	19.78	12.58	1.03	18.87	12.22	1.19	17.89	11.84	1.37	16.83	11.43	1.58	15.70	11.00	1.82	14.50	10.55	2.12						
	72 (22.2)	22.13	10.48	1.05	21.12	10.11	1.20	20.05	9.73	1.38	18.90	9.32	1.59	17.66	8.90	1.83	16.34	8.45	2.13						
595	57 (13.9)	17.95	17.95	1.03	17.27	17.27	1.19	16.53	16.53	1.37	15.73	15.73	1.58	14.87	14.87	1.83	13.93	13.93	2.13						
	62 (16.7)	18.37	16.11	1.04	17.49	15.73	1.19	16.58	15.53	1.37	15.76	15.76	1.58	14.90	14.90	1.83	13.96	13.96	2.13						
	63 (17.2)†	18.78	13.04	1.04	17.86	12.67	1.20	16.89	12.27	1.38	15.84	12.47	1.59	14.74	12.47	1.83	13.56	10.94	2.13						
	67 (19.4)	20.49	13.66	1.05	19.51	13.29	1.20	18.46	12.89	1.38	17.34	12.47	1.59	16.14	12.03	1.84	14.88	11.56	2.13						
	72 (22.2)	22.90	11.19	1.06	21.83	10.81	1.22	20.68	10.41	1.39	19.45	10.00	1.60	18.15	9.56	1.85	16.76	9.10	2.14						
640	57 (13.9)	18.58	18.58	1.04	17.86	17.86	1.20	17.08	17.08	1.38	16.25	15.34	1.59	15.34	15.34	1.84	14.36	14.36	2.14						
	62 (16.7)	18.74	17.02	1.05	17.89	17.89	1.20	17.11	17.11	1.38	16.28	15.36	1.59	15.36	15.36	1.84	14.38	14.38	2.14						
	63 (17.2)†	19.11	13.67	1.06	18.17	13.29	1.20	17.17	12.88	1.38	16.10	12.46	1.59	14.95	12.01	1.84	13.74	11.53	2.13						
640	67 (19.4)	20.85	14.34	1.06	19.83	13.95	1.21	18.76	13.55	1.39	17.60	13.12	1.60	16.38	12.67	1.85	15.07	12.20	2.14						
	72 (22.2)	23.30	11.62	1.07	22.18	11.24	1.23	21.00	10.83	1.40	19.75	10.41	1.61	18.40	9.97	1.85	16.96	9.50	2.15						

DETAILED COOLING CAPACITIES# (CONTINUED)

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187BNA024-A Outdoor Section With CNPVP2417 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	High Speed Cap.	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
*CNPV*2417A**	1.00	1.00	1.00	1.00	1.00	CNPV*3617A**	0.98	0.98	0.97	0.97	315(A)JAV048090
CAP**2414A**	0.96	1.07	0.95	1.13	1.01	CNPV*3717A**	0.98	0.98	1.00	0.97	315(A)JAV048090
CAP**2417A**	0.96	1.07	0.95	1.13	0.98	CSPH*2412A**	0.98	0.98	0.99	0.99	315(A)JAV048090
CAP**3014A**	0.97	1.07	0.95	1.13	0.98	CSPH*3012A**	0.98	0.98	0.97	0.98	315(A)JAV048090
CAP**3017A**	0.97	1.07	0.95	1.13	1.00	CSPH*3612A**	1.00	0.98	0.99	0.98	315(A)JAV048090
CAP**3614A**	0.97	1.07	0.96	1.14	0.98	CAP**3621A**	0.98	0.98	1.00	0.99	315(A)JAV060110
CAP**3617A**	0.97	1.07	0.96	1.14	1.00	CAP**2417A**	1.00	0.99	1.00	0.99	353(A)JAV036060
CAP**3619A**	0.95	1.07	0.95	1.13	1.00	CAP**3014A**	1.00	0.99	0.99	0.98	353(A)JAV036060
CAP**3621A**	0.97	1.07	0.96	1.14	1.01	CAP**3017A**	1.01	0.99	1.01	0.99	353(A)JAV036060
CNPV*2417A**	0.96	1.07	0.95	1.13	0.98	CAP**3614A**	1.01	0.99	1.00	0.98	353(A)JAV036060
CNPV*3014A**	0.97	1.07	0.95	1.13	1.02	CAP**3617A**	1.02	0.99	1.01	0.99	353(A)JAV036060
CNPV*3017A**	0.97	1.07	0.95	1.13	1.02	CAP**3621A**	1.02	0.99	1.02	0.99	353(A)JAV036060
CNPV*3614A**	0.96	1.07	0.96	1.14	0.98	CNPV*2417A**	0.99	0.99	0.99	0.98	353(A)JAV036060
CNPV*3617A**	0.96	1.07	0.96	1.14	1.01	CNPV*3017A**	1.01	0.99	1.01	0.99	353(A)JAV036060
CNPV*3619A**	0.97	1.07	0.95	1.13	1.02	CNPV*3117A**	1.02	0.98	1.03	0.99	353(A)JAV036060
CNPV*3621A**	0.98	1.08	0.99	1.14	1.01	CNPV*3612A**	1.01	0.99	1.01	0.99	353(A)JAV036060
CSPH*2412A**	0.98	1.07	0.97	1.13	1.02	CNPV*3621A**	1.01	0.99	1.01	0.99	353(A)JAV036060
CSPH*3012A**	0.98	1.08	0.96	1.13	1.04	CNPV*3717A**	1.04	0.99	1.05	0.99	353(A)JAV036060
CSPH*3612A**	0.98	1.07	0.97	1.13	1.00	CSPH*2412A**	1.00	1.00	0.98	0.98	353(A)JAV036060
FE4AN(B)F003	0.98	0.97	0.99	0.95	1.00	CNPV*2414A**	0.99	0.99	0.99	0.98	353(A)JAV036060
FE4AN(F)002	0.99	0.98	0.99	0.97	1.01	CNPV*3012A**	1.01	0.99	1.00	0.98	353(A)JAV036060
FV4CN(B)F003	0.99	0.97	0.99	0.96	1.03	CSPH*3012A**	1.03	0.99	1.03	0.99	353(A)JAV036060
FV4CN(F)002	0.99	0.98	0.99	0.97	1.00	CAP**2417A**	1.00	0.99	1.01	1.00	353(A)JAV036060
CAP**3014A**	0.99	1.01	0.98	1.00	1.00	CAP**3014A**	1.00	0.99	1.01	1.00	353AAV036040
CAP**3614A**	0.99	1.00	0.99	1.00	1.01	CAP**3017A**	1.01	0.99	1.01	0.99	353AAV036040
CNPV*2417A**	0.98	1.00	0.98	1.00	1.01	CAP**3614A**	1.01	0.99	1.01	0.99	353AAV036040
CNPV*3017A**	0.99	1.00	0.99	1.00	1.02	CAP**3617A**	1.01	0.99	1.02	0.99	353AAV036040
CNPV*3617A**	0.99	1.00	0.99	1.00	1.01	CNPV*2417A**	0.99	0.99	1.00	0.99	353AAV036040
CNPV*3621A**	0.98	1.00	0.98	1.00	1.01	CSPH*2417A**	0.99	0.99	1.00	0.99	353AAV036040
CNPV*2414A**	0.98	1.00	0.98	1.00	1.01	CNPV*3017A**	1.01	0.99	1.01	0.99	353AAV036040
CNPV*3014A**	0.98	1.00	0.98	1.00	1.02	CNPV*2414A**	0.99	0.99	1.00	0.99	353AAV036040
CSPH*2412A**	0.98	1.00	0.98	1.00	1.00	CNPV*2417A**	0.99	0.99	1.00	0.99	353AAV036040
CSPH*3012A**	0.99	1.00	0.99	1.00	1.01	CNPV*3014A**	1.00	0.99	1.00	0.99	353AAV036040
CAP**3014A**	0.98	0.98	0.96	0.98	1.00	CSPH*3621A**	1.01	0.99	1.02	1.00	353AAV036040
CAP**3614A**	0.98	0.99	0.97	0.98	1.01	CSPH*2412A**	1.01	0.99	1.01	0.99	353AAV036040
CNPV*2417A**	0.97	0.98	0.96	0.98	1.02	CSPH*3012A**	1.01	0.99	1.01	0.99	353AAV036040
CNPV*3017A**	0.98	0.98	0.96	0.97	1.02	CAP**2417A**	0.98	0.98	0.98	0.99	355(A)JAV042060
CNPV*3614A**	0.97	0.98	0.96	0.98	1.00	CAP**3017A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*3617A**	0.97	0.98	0.96	0.98	1.01	CAP**3617A**	1.00	0.99	0.99	0.99	355(A)JAV042060
CNPV*3621A**	0.98	0.99	0.97	0.99	1.02	CNPV*2417A**	0.98	0.99	0.98	0.98	355(A)JAV042060
CNPV*2414A**	0.98	0.98	0.96	0.98	1.00	CNPV*3017A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*3014A**	0.98	0.98	0.96	0.98	1.01	CNPV*2414A**	0.99	0.98	1.00	0.99	355(A)JAV042060
CSPH*2412A**	0.98	0.98	0.96	0.98	1.02	CNPV*2417A**	1.02	0.99	1.01	0.99	355(A)JAV042060
CSPH*3012A**	0.98	0.98	0.96	0.98	1.02	CNPV*3017A**	1.02	0.99	1.01	0.99	355(A)JAV042060
CAP**2417A**	0.98	0.98	0.96	0.98	1.00	CNPV*3617A**	1.00	0.98	0.98	0.98	355(A)JAV042060
CAP**3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*3621A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*2417A**	0.98	0.98	0.96	0.98	1.01	CNPV*3717A**	1.01	0.99	1.02	0.98	355(A)JAV042060
CNPV*3017A**	0.98	0.98	0.96	0.98	1.01	CSPH*2412A**	1.00	1.01	0.99	1.00	355(A)JAV042060
CNPV*3617A**	0.98	0.98	0.96	0.98	1.00	CSPH*3012A**	1.00	0.99	0.99	1.00	355(A)JAV042060
CNPV*3621A**	0.98	0.98	0.96	0.98	1.02	CSPH*3612A**	1.02	0.99	1.00	0.99	355(A)JAV042060
CNPV*2414A**	0.98	0.98	0.96	0.98	1.00	CAP**2417A**	0.98	0.98	0.98	0.98	355(A)JAV042060
CNPV*3014A**	0.98	0.98	0.96	0.98	1.00	CAP**3017A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CSPH*2412A**	0.98	0.98	0.96	0.98	1.00	CAP**3617A**	1.00	0.99	1.01	0.99	355(A)JAV042060
CSPH*3012A**	0.98	0.98	0.96	0.98	1.00	CNPV*2417A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CAP**2417A**	0.98	0.98	0.96	0.98	1.00	CNPV*3017A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CAP**3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*3617A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*2417A**	0.98	0.98	0.96	0.98	1.00	CNPV*3621A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*3717A**	1.00	0.99	1.02	0.98	355(A)JAV042060
CNPV*3617A**	0.98	0.98	0.96	0.98	1.00	CSPH*2412A**	1.00	1.00	0.99	1.00	355(A)JAV042060
CNPV*3621A**	0.98	0.98	0.96	0.98	1.00	CSPH*3012A**	1.00	0.99	0.99	1.00	355(A)JAV042060
CNPV*2414A**	0.98	0.98	0.96	0.98	1.00	CSPH*3612A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*3014A**	0.98	0.98	0.96	0.98	1.00	CAP**2417A**	0.98	0.98	0.98	0.98	355(A)JAV042060
CSPH*2412A**	0.98	0.98	0.96	0.98	1.00	CAP**3017A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CSPH*3012A**	0.98	0.98	0.96	0.98	1.00	CAP**3617A**	1.00	0.99	1.01	0.99	355(A)JAV042060
CAP**2417A**	0.98	0.98	0.96	0.98	1.00	CNPV*2417A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CAP**3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*3017A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*2417A**	0.98	0.98	0.96	0.98	1.00	CNPV*3617A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*3621A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*3617A**	0.98	0.98	0.96	0.98	1.00	CNPV*3717A**	1.00	0.99	1.02	0.98	355(A)JAV042060
CNPV*3621A**	0.98	0.98	0.96	0.98	1.00	CSPH*2412A**	1.00	1.00	0.99	1.00	355(A)JAV042060
CNPV*2414A**	0.98	0.98	0.96	0.98	1.00	CSPH*3012A**	1.00	0.99	0.99	1.00	355(A)JAV042060
CNPV*3014A**	0.98	0.98	0.96	0.98	1.00	CSPH*3612A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CSPH*2412A**	0.98	0.98	0.96	0.98	1.00	CAP**2417A**	0.98	0.98	0.98	0.98	355(A)JAV042060
CSPH*3012A**	0.98	0.98	0.96	0.98	1.00	CAP**3017A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CAP**2417A**	0.98	0.98	0.96	0.98	1.00	CAP**3617A**	1.00	0.99	1.01	0.99	355(A)JAV042060
CAP**3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*2417A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*2417A**	0.98	0.98	0.96	0.98	1.00	CNPV*3017A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*3617A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*3617A**	0.98	0.98	0.96	0.98	1.00	CNPV*3621A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*2414A**	0.98	0.98	0.96	0.98	1.00	CNPV*3717A**	1.00	0.99	1.02	0.98	355(A)JAV042060
CNPV*3014A**	0.98	0.98	0.96	0.98	1.00	CSPH*2412A**	1.00	1.00	0.99	1.00	355(A)JAV042060
CSPH*2412A**	0.98	0.98	0.96	0.98	1.00	CSPH*3012A**	1.00	0.99	0.99	1.00	355(A)JAV042060
CSPH*3012A**	0.98	0.98	0.96	0.98	1.00	CSPH*3612A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CAP**2417A**	0.98	0.98	0.96	0.98	1.00	CAP**2417A**	0.98	0.98	0.98	0.98	355(A)JAV042060
CAP**3017A**	0.98	0.98	0.96	0.98	1.00	CAP**3017A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*2417A**	0.98	0.98	0.96	0.98	1.00	CNPV*2417A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*3017A**	0.98	0.98	0.96	0.98	1.00	CNPV*3017A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*3617A**	0.98	0.98	0.96	0.98	1.00	CNPV*3617A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CNPV*3621A**	0.98	0.98	0.96	0.98	1.00	CNPV*3621A**	0.99	0.98	0.98	0.98	355(A)JAV042060
CNPV*2414A**	0.98	0.98	0.96	0.98	1.00	CNPV*3717A**	1.00	0.99	1.02	0.98	355(A)JAV042060
CNPV*3014A**	0.98	0.98	0.96	0.98	1.00	CSPH*2412A**	1.00	1.00	0.99	1.00	355(A)JAV042060
CSPH*2412A**	0.98	0.98	0.96	0.98	1.00	CSPH*3012A**	1.00	0.99	0.99	1.00	355(A)JAV042060
CSPH*3012A**	0.98	0.98	0.96	0.98	1.00	CSPH*3612A**	1.00	0.99	0.98	0.98	355(A)JAV042060
CAP**2417A**</											

DETAILED COOLING CAPACITIES# (CONTINUED)

EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)											
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)			
		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh			
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†		
187BNA036--A HIGH Outdoor Section With CNPVP4821 Indoor Section															
900	57 (13.9)	33.33	33.33	32.15	32.15	32.09	30.88	2.70	29.56	28.14	28.14	3.26	26.61		
	62 (16.7)	35.31	29.54	33.74	28.47	32.09	27.39	2.72	30.37	28.57	25.20	3.27	26.52		
	63 (17.2)††	36.04	24.41	2.26	34.43	23.39	22.37	2.72	30.96	21.34	20.31	3.28	27.10		
	67 (19.4)	38.95	25.33	37.22	24.31	35.42	23.28	2.75	33.52	22.24	21.20	3.31	29.38		
	72 (22.2)	42.96	21.05	2.34	41.08	20.07	19.10	2.80	37.05	18.12	17.13	3.35	32.53		
1090	57 (13.9)	35.76	35.76	2.29	34.44	34.44	33.04	2.75	31.56	29.98	29.98	3.31	28.28		
	62 (16.7)	36.78	32.85	2.30	35.11	31.71	30.55	2.76	31.63	30.03	30.03	3.32	28.33		
	63 (17.2)††	37.44	26.68	2.32	35.70	25.61	24.55	2.76	31.96	30.00	22.39	3.32	27.89		
	67 (19.4)	40.41	27.76	2.34	38.54	26.68	25.60	2.79	34.57	32.32	23.39	3.34	30.19		
	72 (22.2)	44.50	22.59	2.38	42.46	21.58	20.57	2.84	38.15	35.82	18.52	3.39	33.35		
1200	57 (13.9)	36.91	36.91	2.32	35.51	35.51	34.05	2.79	32.47	30.83	30.83	3.35	29.05		
	62 (16.7)	37.46	34.64	2.33	35.76	33.44	34.08	2.79	32.51	30.88	30.88	3.35	29.09		
	63 (17.2)††	38.02	27.90	2.33	36.23	26.81	25.72	2.79	32.37	30.37	23.52	3.34	28.21		
	67 (19.4)	41.01	29.06	2.37	39.08	27.96	26.86	2.82	35.00	32.82	24.64	3.37	30.51		
	72 (22.2)	45.14	23.41	2.41	43.08	22.39	21.35	2.87	38.60	36.21	19.27	3.42	33.67		
1350	57 (13.9)	38.32	38.32	2.35	36.83	36.83	35.27	2.81	33.62	31.85	31.85	3.37	29.99		
	62 (16.7)	38.43	38.13	2.35	36.88	36.88	35.32	2.81	33.66	31.88	31.88	3.37	30.03		
	63 (17.2)††	38.73	29.56	2.35	36.87	28.44	27.32	2.81	32.94	30.84	25.05	3.36	28.64		
	67 (19.4)	41.73	30.84	2.38	39.74	29.71	28.58	2.84	35.54	33.29	26.29	3.39	30.89		
	72 (22.2)	45.89	24.52	2.43	43.73	23.47	22.42	2.89	39.13	36.66	20.29	3.44	34.06		

EVAPORATOR AIR			CONDENSER ENTERING AIR TEMPERATURES °F (°C)											
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)		
		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	
187BNA036--A HIGH Outdoor Section With CNPVP4821 Indoor Section														
700	57 (13.9)	23.87	23.87	1.49	22.84	22.84	21.77	1.86	20.65	19.47	19.47	2.34	18.23	2.64
	62 (16.7)	24.93	19.49	1.49	23.58	18.94	18.38	1.86	20.78	17.80	19.51	2.34	18.26	2.64
	63 (17.2)††	25.49	15.95	1.48	24.11	15.40	14.84	1.86	21.19	14.87	19.65	2.34	18.05	2.64
	67 (19.4)	27.75	16.65	1.47	26.25	16.10	15.54	1.84	23.11	14.97	21.47	2.31	19.75	2.61
	72 (22.2)	30.87	13.76	1.46	29.23	13.21	12.65	1.82	25.80	12.08	24.00	2.28	22.12	2.57
840	57 (13.9)	25.59	25.59	1.51	24.45	24.45	23.26	1.87	22.01	20.71	20.71	2.34	19.34	2.64
	62 (16.7)	25.95	21.71	1.50	24.55	24.32	23.30	1.87	22.05	22.05	20.75	2.34	19.37	2.64
	63 (17.2)††	26.45	17.47	1.50	24.95	16.90	16.32	1.87	21.84	15.73	22.02	2.35	18.54	2.66
	67 (19.4)	28.75	18.28	1.49	27.14	17.71	17.13	1.86	23.80	16.54	22.06	2.33	20.26	2.82
	72 (22.2)	31.95	14.80	1.48	30.19	14.23	13.65	1.84	26.52	13.06	24.61	2.30	22.64	2.59
960	57 (13.9)	26.80	26.80	1.52	25.57	25.57	24.29	1.88	22.95	22.95	21.56	2.35	20.10	2.64
	62 (16.7)	26.85	26.85	1.52	25.61	25.61	24.33	1.88	22.99	22.99	21.60	2.35	20.13	2.64
	63 (17.2)††	27.05	18.71	1.52	25.49	18.13	17.53	1.89	22.26	16.93	21.60	2.37	18.86	2.67
	67 (19.4)	29.37	19.61	1.51	27.70	19.02	18.43	1.87	24.23	17.83	22.43	2.34	20.58	2.84
	72 (22.2)	32.61	15.63	1.50	30.77	15.05	14.46	1.85	26.96	13.86	24.98	2.31	22.84	2.80
1020	57 (13.9)	27.33	27.33	1.53	26.06	26.06	24.74	1.89	23.37	23.37	21.93	2.36	20.43	2.65
	62 (16.7)	27.38	27.38	1.53	26.10	26.10	24.77	1.89	23.40	23.40	21.96	2.36	20.46	2.65
	63 (17.2)††	27.30	19.31	1.53	25.71	18.72	18.12	1.90	22.44	17.51	22.74	2.37	19.02	2.67
	67 (19.4)	29.63	20.25	1.52	27.93	19.66	19.07	1.88	24.41	18.46	22.59	2.35	20.73	2.84
	72 (22.2)	32.88	16.03	1.51	31.00	15.44	14.85	1.86	27.13	14.25	25.13	2.32	23.05	2.61

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187BNA036-A Outdoor Section With CNPVP4821 Indoor Section

	Coiling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
A Series	CNPH*4221A**	1.01	1.01	0.97	0.98	315(JA)AV060110
	CNPH*4821A**	1.02	1.01	0.99	0.97	315(JA)AV060110
	CNPV*3621A**	0.99	1.02	0.97	0.99	315(JA)AV060110
	CNPV*4221A**	1.02	1.01	0.99	0.97	315(JA)AV060110
	CSPH*3612A**	1.02	1.02	0.99	0.98	315(JA)AV060110
	CSPH*4212A**	1.03	1.02	0.99	0.98	315(JA)AV060110
	CSPH*4812A**	1.03	1.02	0.99	0.97	315(JA)AV060110
	CAP**4224A**	1.01	1.01	0.97	0.97	315(JA)AV060110
	CAP**4824A**	1.02	1.01	0.99	0.97	315(JA)AV066135
	CNPH*4821A**	1.02	1.01	0.99	0.96	315(JA)AV066135
B Series	CNPH*4824A**	1.02	1.01	0.99	0.96	315(JA)AV066135
	CSPH*3612A**	1.02	1.01	0.99	0.98	315(JA)AV066135
	CSPH*4212A**	1.02	1.01	0.99	0.98	315(JA)AV066135
	CSPH*4812A**	1.03	1.01	0.99	0.97	315(JA)AV066135
	CAP**4224A**	1.01	0.99	0.97	0.96	315(JA)AV066155
	CAP**4824A**	1.02	1.00	0.99	0.96	315(JA)AV066155
	CNPH*3617A**	0.99	1.01	0.97	0.98	315(JA)AV066155
	CNPH*4821A**	1.03	1.00	0.99	0.96	315(JA)AV066155
	CNPH*4824A**	1.03	1.00	0.99	0.96	315(JA)AV066155
	CSPH*3612A**	1.02	1.01	0.99	0.97	315(JA)AV066155
C Series	CSPH*4212A**	1.03	1.00	0.99	0.97	315(JA)AV066155
	CSPH*4812A**	1.03	1.01	0.97	0.97	315(JA)AV066155
	CNPV*3717A**	1.04	1.04	1.03	1.01	315(JA)AV066155
	CNPV*4217A**	1.02	1.03	1.01	1.02	353(A)AV036060
	CNPV*4817A**	1.00	1.02	0.99	1.01	353(A)AV036060
	CAP**4817A**	1.04	1.04	1.02	1.01	353(A)AV036060
	CNPH*3617A**	0.99	1.03	0.99	1.02	353(A)AV036060
	CNPH*4221A**	1.01	1.03	1.00	1.02	353(A)AV036060
	CNPH*4821A**	1.03	1.03	1.02	1.01	353(A)AV036060
	CNPV*3617A**	0.99	1.02	0.98	1.01	353(A)AV036060
D Series	CNPV*4217A**	1.04	1.02	1.00	0.97	353(A)AV036060
	CAP**3617A**	1.00	1.02	0.99	1.01	353(A)AV036080
	CAP**4817A**	1.03	1.03	1.01	1.00	353(A)AV036080
	CNPH*3617A**	0.99	1.02	0.98	1.01	353(A)AV036080
	CNPH*4221A**	1.01	1.03	0.99	1.01	353(A)AV036080
	CNPH*4821A**	1.03	1.03	1.01	1.00	353(A)AV036080
	CNPV*3617A**	0.99	1.02	0.98	1.01	353(A)AV036080
	CNPV*4217A**	1.04	1.02	1.00	0.97	353(A)AV036080
	CSPH*4212A**	1.03	1.03	0.99	0.97	353(A)AV036080
	CSPH*4812A**	1.04	1.03	1.02	1.01	353(A)AV036080
E Series	CAP**3617A**	1.00	1.02	0.99	1.03	353(A)AV048080
	CAP**4817A**	1.04	1.02	1.02	1.01	353(A)AV048080
	CNPH*3617A**	0.99	1.03	0.99	1.03	353(A)AV048080
	CNPH*4221A**	1.01	1.03	1.00	1.03	353(A)AV048080
	CNPH*4821A**	1.01	1.03	1.00	1.03	353(A)AV048080
	CNPV*3617A**	0.99	1.02	0.98	1.01	353(A)AV048080
	CNPV*4217A**	1.04	1.02	1.00	0.97	353(A)AV048080
	CSPH*4212A**	1.03	1.03	0.99	1.03	353(A)AV048080
	CSPH*4812A**	1.04	1.03	1.02	1.02	353(A)AV048080
	CAP**3617A**	1.00	1.02	0.97	0.99	355(A)AV042060
F Series	CAP**4817A**	1.03	1.03	1.00	0.99	355(A)AV042060
	CNPH*3621A**	0.99	1.03	0.97	0.99	355(A)AV042060
	CNPH*4221A**	1.01	1.03	0.98	0.99	355(A)AV042060
	CNPH*4821A**	1.01	1.03	0.97	0.99	355(A)AV042060
	CNPV*3621A**	1.02	1.03	0.99	0.99	355(A)AV042060
	CNPV*4821A**	1.04	1.03	1.00	0.97	355(A)AV042060
	CSPH*4212A**	1.03	1.03	1.02	1.02	355(A)AV042060
	CSPH*4812A**	1.04	1.03	1.03	1.03	355(A)AV042060
	CAP**3617A**	1.00	1.02	0.97	0.99	355(A)AV042060
	CAP**4817A**	1.03	1.03	1.00	0.99	355(A)AV042060

	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
Series A	CNPV*3617A**	0.99	1.03	0.97	0.99	355A/CAJ042060
	CNPV*3717A**	1.04	1.03	1.01	0.99	355A/CAJ042060
	CNPV*4217A**	1.02	1.03	0.99	0.99	355A/CAJ042060
	CAP**4821A**	1.02	1.03	0.99	0.99	355A/CAJ042060
	CNPV*3617A**	0.99	1.04	0.97	1.01	355A/CAJ042080
	CNPV*4221A**	1.01	1.04	0.97	1.00	355A/CAJ042080
	CNPV*4821A**	1.02	1.03	0.99	0.99	355A/CAJ042080
	CNPV*3621A**	0.99	1.04	0.97	1.01	355A/CAJ042080
	CNPV*4221A**	1.01	1.04	0.98	1.01	355A/CAJ042080
	CNPV*4821A**	1.02	1.03	0.99	0.98	355A/CAJ042080
Series B	CNPV*4824A**	1.02	1.03	0.99	0.98	355A/CAJ042080
	CSPH*4212A**	1.02	1.03	0.99	1.00	355A/CAJ042080
	CSPH*4212A**	1.03	1.04	0.99	0.99	355A/CAJ042080
	CSPH*4212A**	1.03	1.04	0.99	0.99	355A/CAJ042080
	CAP**3621A**	0.99	1.03	0.97	0.99	355A/CAJ060080
	CAP**4221A**	1.00	1.02	0.97	0.99	355A/CAJ060080
	CAP**4821A**	1.02	1.02	0.98	0.98	355A/CAJ060080
	CNPV*3617A**	0.99	1.03	0.96	0.99	355A/CAJ060080
	CNPV*4221A**	1.00	1.02	0.99	1.00	355A/CAJ060080
	CNPV*4821A**	1.02	1.02	0.97	0.99	355A/CAJ060080
Series C	CNPV*4821A**	1.02	1.02	0.99	0.99	355A/CAJ060080
	CNPV*4824A**	1.02	1.02	0.99	0.99	355A/CAJ060080
	CNPV*3612A**	1.02	1.02	0.99	0.99	355A/CAJ060080
	CSPH*3612A**	1.02	1.02	0.99	0.99	355A/CAJ060080
	CSPH*4212A**	1.02	1.02	0.99	0.99	355A/CAJ060080
	CSPH*4812A**	1.03	1.02	0.99	0.99	355A/CAJ060080
	CAP**3621A**	1.00	1.03	0.97	0.99	355A/CAJ060080
	CAP**4821A**	1.01	1.02	0.97	0.99	355A/CAJ060080
	CAP**4821A**	1.02	1.02	0.99	0.99	355A/CAJ060080
	CNPV*3617A**	0.99	1.03	0.97	1.01	355A/CAJ060080
Series D	CNPV*4221A**	1.01	1.02	0.97	1.00	355A/CAJ060080
	CNPV*4821A**	1.02	1.02	0.99	0.99	355A/CAJ060080
	CNPV*4824A**	1.02	1.03	0.97	1.01	355A/CAJ060080
	CNPV*4221A**	1.01	1.02	0.97	1.00	355A/CAJ060080
	CNPV*4821A**	1.02	1.03	0.99	1.00	355A/CAJ060080
	CNPV*4824A**	1.02	1.01	0.99	0.98	355A/CAJ060080
	CSPH*3612A**	1.02	1.03	0.99	1.00	355A/CAJ060080
	CSPH*4212A**	1.03	1.03	0.99	1.00	355A/CAJ060080
	CAP**4224A**	1.01	1.01	0.97	0.97	355A/CAJ060080
	CAP**4824A**	1.02	1.01	0.99	0.97	355A/CAJ060080
Series E	CNPV*3619A**	0.97	1.05	0.93	1.06	359BAV036040
	CNPV*3619A**	0.97	1.07	0.96	1.03	359BAV036040
	CNPV*4821A**	1.02	1.01	0.99	0.97	355A/CAJ0600100
	CNPV*4824A**	1.02	1.01	0.99	0.97	355A/CAJ0600100
	CSPH*3612A**	1.02	1.02	0.99	0.98	355A/CAJ0600100
	CSPH*4212A**	1.02	1.02	0.99	0.98	355A/CAJ0600100
	CSPH*4812A**	1.03	1.01	0.99	0.97	355A/CAJ0600100
	CAP**3619A**	0.99	1.07	0.96	1.00	359BAV036040
	CAP**3619A**	0.97	1.05	0.93	1.06	359BAV036040
	CAP**4823A**	1.01	1.08	0.98	1.02	359BAV036040
Series F	CAP**4823A**	1.00	1.04	0.97	0.97	359BAV036040
	CAP**3619A**	0.99	1.06	0.96	1.00	359BAV036080
	CAP**3619A**	0.97	1.01	0.93	0.93	359BAV036080
	CAP**4823A**	1.02	1.06	0.98	1.00	359BAV036080
	CAP**4823A**	1.00	1.02	0.97	0.94	359BAV036080
	CSPH*3612A**	1.02	1.06	0.97	1.00	359BAV036080
	CSPH*4212A**	1.03	1.07	0.98	0.99	359BAV036080
	CSPH*4812A**	1.03	1.07	0.10	0.10	359BAV036080
	CSPH*4812A**	1.04	1.06	1.01	1.01	359BAV060080
	CAP**4823A**	1.03	1.03	1.00	0.96	359BAV060080

NOTE: Multipliers for 355BAV are equal to 355(A.C)AV

DETAILED COOLING CAPACITIES# (CONTINUED)

187BNA036--A Outdoor Section With CNPV4821 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CAP**6025A**	1.06	1.06	1.01	1.00	359BAV060080
CAP**4224A**	1.02	1.03	0.99	0.99	359BAV060100
CAP**6025A**	1.03	1.03	1.01	0.99	359BAV060100
CAP**3617A**	1.00	1.04	0.98	1.02	368RAN036105
CAP**3621A**	1.00	1.04	0.98	1.01	368RAN036105
CAP**4221A**	1.01	1.05	0.99	1.01	368RAN036105
CAP**4817A**	1.03	1.04	1.00	1.00	368RAN036105
CAP**4821A**	1.02	1.04	0.99	1.00	368RAN036105
CNPV*3617A**	0.99	1.04	0.97	1.02	368RAN036105
CNPV*3621A**	0.99	1.04	0.97	1.02	368RAN036105
CNPV*3717A**	1.04	1.04	1.01	1.01	368RAN036105
CNPV*4217A**	1.02	1.06	0.99	1.01	368RAN036105
CNPV*4221A**	1.01	1.04	0.99	1.02	368RAN036105
CNPV*4821A**	1.03	1.04	1.00	1.00	368RAN036105
CAP**3621A**	1.01	1.05	1.00	1.01	368RAN060120
CAP**4221A**	1.02	1.04	1.01	1.01	368RAN060120
CNPV*4221A**	1.02	1.05	1.01	1.02	368RAN060120
CNPV*4821A**	1.04	1.04	1.02	1.01	368RAN060120
CAP**3617A**	0.99	1.02	0.96	0.99	374RAN036105
CAP**3621A**	0.99	1.03	0.97	0.98	374RAN036105
CAP**4221A**	0.99	1.03	0.97	0.98	374RAN036105
CAP**4817A**	1.02	1.02	0.99	0.98	374RAN036105
CAP**4821A**	1.01	1.03	0.98	0.98	374RAN036105
CNPV*3617A**	0.98	1.03	0.96	1.00	374RAN036105
CNPV*3621A**	0.98	1.02	0.96	1.00	374RAN036105
CNPV*3717A**	1.02	1.02	0.99	0.98	374RAN036105
CNPV*4217A**	1.01	1.03	0.98	0.99	374RAN036105
CNPV*4221A**	0.99	1.03	0.97	0.99	374RAN036105
CNPV*4821A**	1.01	1.02	0.99	0.98	374RAN036105
CAP**3621A**	1.01	1.05	0.99	1.03	374RAN060120
CAP**4221A**	1.02	1.04	1.00	1.03	374RAN060120
CNPV*4221A**	1.02	1.06	1.00	1.04	374RAN060120
CNPV*4821A**	1.04	1.04	1.02	1.03	374RAN060120

NOTE: Multipliers for 355BAV are equal to 355(A,C)/V
See notes on page 38

DETAILED COOLING CAPACITIES# (CONTINUED)

187B / 180B

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)														
CFM	EWB ° F (° C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)				
		Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†			
180BNA036A HI Outdoor Section With FE5ANB004 Indoor Section																
1050	57 (13.9)	36.06	36.06	2.11	34.51	34.51	32.91	32.91	2.57	31.26	31.26	29.52	29.52	27.71	27.71	3.41
	62 (16.7)	37.52	35.06	2.13	35.55	33.23	31.41	31.41	2.58	31.49	29.60	28.93	28.93	27.77	27.77	3.41
	63 (17.2)††	38.35	28.69	2.14	36.34	34.28	25.43	25.43	2.59	32.15	23.83	29.57	29.57	27.67	27.67	3.41
	67 (19.4)	41.50	29.86	2.17	39.35	28.18	26.54	26.54	2.62	34.86	24.92	32.50	32.50	30.07	30.07	3.45
	72 (22.2)	45.92	34.55	2.22	43.57	23.04	21.55	21.55	2.67	38.67	20.09	36.11	36.11	33.46	33.46	3.50
1125	57 (13.9)	36.99	36.99	2.13	35.39	35.39	33.73	33.73	2.58	32.01	32.01	30.21	30.21	28.34	28.34	3.43
	62 (16.7)	38.07	36.50	2.14	36.06	34.60	32.71	32.71	2.59	32.06	32.06	30.26	30.26	28.38	28.38	3.43
	63 (17.2)††	38.90	29.69	2.15	36.84	28.01	26.35	26.35	2.60	32.54	24.72	30.29	30.29	27.96	27.96	3.42
	67 (19.4)	42.07	30.93	2.18	39.87	29.22	27.53	27.53	2.63	35.27	25.87	32.86	32.86	30.39	30.39	3.51
	72 (22.2)	46.54	25.25	2.23	44.13	23.71	22.40	22.40	2.68	39.12	20.70	36.50	36.50	33.79	33.79	3.51
1200	57 (13.9)	37.86	37.86	2.14	36.20	36.20	34.48	34.48	2.60	32.71	32.71	30.85	30.85	28.91	28.91	3.44
	62 (16.7)	38.56	37.89	2.15	36.53	35.92	34.54	34.54	2.60	32.76	32.76	30.90	30.90	28.96	28.96	3.44
	63 (17.2)††	39.38	30.67	2.16	37.27	28.95	27.26	27.26	2.60	32.88	25.59	30.59	30.59	28.21	28.21	3.43
	67 (19.4)	42.58	31.98	2.19	40.32	30.23	28.50	28.50	2.64	35.63	26.80	33.17	33.17	30.64	30.64	3.47
	72 (22.2)	47.09	25.93	2.24	44.62	24.35	22.81	22.81	2.69	39.51	21.30	36.84	36.84	34.08	34.08	3.52
EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)														
CFM	EWB ° F (° C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)				
		Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†			
180BNA036A LO Outdoor Section With FE5ANB004 Indoor Section																
750	57 (13.9)	25.92	25.92	1.30	24.79	24.79	23.62	23.62	1.67	22.40	22.40	21.12	21.12	19.77	19.77	2.45
	62 (16.7)	26.87	24.07	1.29	25.39	23.40	22.72	22.72	1.67	22.45	22.45	21.16	21.16	19.81	19.81	2.45
	63 (17.2)††	27.53	19.65	1.29	26.01	18.98	18.31	18.31	1.67	22.84	17.62	21.17	21.17	19.43	19.43	2.45
	67 (19.4)	29.99	20.54	1.28	28.35	19.87	19.19	19.19	1.65	24.93	18.51	23.14	23.14	21.28	21.28	2.42
	72 (22.2)	33.46	16.94	1.28	31.65	16.27	14.45	14.45	1.64	27.91	14.91	25.95	25.95	23.93	23.93	2.38
840	57 (13.9)	27.09	27.09	1.30	25.89	25.89	24.64	24.64	1.67	23.34	23.34	21.98	21.98	20.55	20.55	2.44
	62 (16.7)	27.57	25.79	1.30	26.03	25.82	24.69	24.69	1.67	23.38	23.38	22.02	22.02	20.59	20.59	2.44
	63 (17.2)††	28.22	20.85	1.29	26.62	20.17	19.47	19.47	1.67	23.30	18.77	21.57	21.57	19.78	19.78	2.45
	67 (19.4)	30.72	21.82	1.29	29.00	21.14	20.44	20.44	1.66	25.43	19.74	23.57	23.57	21.65	21.65	2.42
	72 (22.2)	34.25	17.78	1.28	32.36	17.09	16.40	16.40	1.64	28.45	15.70	26.43	26.43	24.32	24.32	2.39
1000	57 (13.9)	26.87	26.87	1.30	27.54	27.54	26.16	26.16	1.67	24.74	24.74	23.25	23.25	21.69	21.69	2.43
	62 (16.7)	26.92	26.92	1.30	27.59	27.59	26.21	26.21	1.67	24.78	24.78	23.28	23.28	21.73	21.73	2.43
	63 (17.2)††	29.16	22.90	1.30	27.45	22.19	21.47	21.47	1.68	23.94	20.74	22.13	22.13	20.27	20.27	2.46
	67 (19.4)	31.72	24.02	1.30	29.88	23.31	22.59	22.59	1.66	26.10	21.87	24.15	24.15	22.15	22.15	2.39
	72 (22.2)	35.34	19.19	1.29	33.32	18.48	17.77	17.77	1.65	29.19	17.05	27.05	27.05	24.85	24.85	2.39

DETAILED COOLING CAPACITIES# (CONTINUED)

180BNA036A Outdoor Section With FE5ANB004 Indoor Section

	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
Series A	*FE4ANB004	1.00	1.00	1.00	1.00	
	FE4AN(F)003	0.95	1.03	0.97	1.03	
	FE4ANB006	0.85	1.00	1.00	1.01	
	FE4NF002	0.95	1.03	0.97	1.08	
	FV4CN(B)F003	0.95	1.00	0.97	1.03	
	FV4CNB006	1.00	1.00	1.00	1.01	
	FV4CNF002	0.95	1.03	0.97	1.07	
	CAP**3617A**	0.92	1.03	0.94	1.21	
	CAP**3617A**	0.92	1.08	0.94	1.21	
	CAP**3619A**	0.92	1.08	0.94	1.21	
Series B	CAP**3621A**	0.94	1.10	0.94	1.21	
	CAP**4221A**	0.95	1.10	0.94	1.20	
	CAP**4224A**	0.95	1.10	0.94	1.20	
	CAP**4817A**	0.97	1.10	0.97	1.21	
	CAP**4821A**	0.95	1.08	0.97	1.22	
	CAP**4823A**	0.95	1.08	0.97	1.22	
	CAP**4824A**	0.95	1.08	0.97	1.22	
	CNPH*3617A**	0.94	1.10	0.94	1.22	
	CNPH*4221A**	0.95	1.11	0.95	1.22	
	CNPH*4321A**	0.98	1.11	0.98	1.22	
Series C	CNPH*4821A**	0.97	1.11	0.97	1.22	
	CNVP*3617A**	0.92	1.08	0.94	1.21	
	CNVP*3621A**	0.92	1.08	0.94	1.21	
	CNVP*3717A**	0.97	1.10	0.97	1.21	
	CNVP*4217A**	0.96	1.12	0.94	1.19	
	CNVP*4221A**	0.95	1.10	0.95	1.22	
	CNVP*4324A**	0.97	1.10	0.98	1.22	
	CNVP*4821A**	0.95	1.10	0.97	1.22	
	CNVP*4824A**	0.95	1.08	0.97	1.22	
	CSPH*3612A**	0.97	1.11	0.97	1.22	
Series D	CSPH*4212A**	0.97	1.11	0.97	1.22	
	CSPH*4812A**	0.98	1.11	0.97	1.22	
	CNVP*3617A**	0.96	1.04	0.97	1.09	313*AV048070
	CNVP*3621A**	0.96	1.03	0.97	1.10	313*AV048070
	CNVP*3717A**	1.00	1.04	1.02	1.08	313*AV048070
	CNVP*4217A**	0.98	1.04	1.00	1.09	313*AV048070
	CNVP*4221A**	0.97	1.03	0.99	1.10	313*AV048070
	CNVP*4821A**	0.99	1.03	1.01	1.09	313*AV048070
	CSPH*3612A**	0.98	1.03	1.00	1.10	313*AV048070
	CSPH*4212A**	0.99	1.03	1.01	1.09	313*AV048070
Series E	CSPH*4812A**	0.99	1.03	1.01	1.09	313*AV048070
	CNPH*4221A**	0.97	1.05	0.99	1.09	313*AV048090
	CNPH*4321A**	0.98	1.07	1.00	1.12	313*AV048090
	CNPH*4821A**	0.99	1.05	1.01	1.08	313*AV048090
	CNVP*3621A**	0.96	1.04	0.98	1.10	313*AV048090
	CNVP*4221A**	0.97	1.05	0.99	1.09	313*AV048090
	CNVP*4821A**	0.99	1.05	1.01	1.08	313*AV048090
	CSPH*3612A**	0.98	1.04	1.01	1.09	313*AV048090
	CSPH*4212A**	0.99	1.05	1.01	1.09	313*AV048090
	CSPH*4812A**	0.99	1.03	1.01	1.09	313*AV048090
Series F	CAP**3614A**	0.95	1.05	0.96	1.09	315(A)JA/V036070
	CNVP*3617A**	0.95	1.05	0.96	1.09	315(A)JA/V036070
	CNVP*3717A**	0.98	1.04	0.99	1.08	315(A)JA/V036070
	CNVP*4217A**	0.97	1.05	0.97	1.08	315(A)JA/V036070
	CSPH*3612A**	0.97	1.05	0.98	1.08	315(A)JA/V036070
	CSPH*4212A**	0.98	1.04	0.99	1.08	315(A)JA/V036070
	CSPH*4812A**	0.98	1.05	0.99	1.08	315(A)JA/V036070
	CSPH*4212A**	0.98	1.04	0.99	1.08	315(A)JA/V036070
	CSPH*4812A**	0.98	1.05	0.99	1.08	315(A)JA/V036070
	CSPH*4212A**	0.98	1.04	0.99	1.08	315(A)JA/V036070

	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
Furnace Models	CAP**3617A**	0.95	1.02	0.96	1.05	315(A/JA)V048090
	CAP**4817A**	0.98	1.03	0.99	1.05	315(A/JA)V048090
	CNPH*3617A**	0.95	1.03	0.96	1.06	315(A/JA)V048090
	CNPH*4221A**	0.96	1.03	0.97	1.06	315(A/JA)V048090
	CNPH*4821A**	0.98	1.02	0.99	1.04	315(A/JA)V048090
	CNPV*3617A**	0.95	1.03	0.96	1.06	315(A/JA)V048090
	CNPV*3717A**	0.99	1.03	1.00	1.05	315(A/JA)V048090
	CNPV*4217A**	0.97	1.03	0.98	1.05	315(A/JA)V048090
	CNPV*4221A**	0.96	1.03	0.97	1.06	315(A/JA)V048090
	CNPV*4821A**	0.98	1.02	0.99	1.04	315(A/JA)V048090
	CSPH*3612A**	0.97	1.03	0.98	1.05	315(A/JA)V048090
	CSPH*4212A**	0.98	1.03	0.99	1.05	315(A/JA)V048090
	CSPH*4812A**	0.98	1.03	0.99	1.05	315(A/JA)V048090
	CAP**3621A**	0.96	1.03	0.97	1.05	315(A/JA)V060110
	CAP**4221A**	0.96	1.03	0.97	1.05	315(A/JA)V060110
	CAP**4821A**	0.98	1.03	0.99	1.06	315(A/JA)V060110
	CNPH*4221A**	0.96	1.03	0.97	1.07	315(A/JA)V060110
	CNPH*4321A**	0.99	1.03	1.00	1.05	315(A/JA)V060110
	CNPH*4821A**	0.98	1.03	0.99	1.05	315(A/JA)V060110
	CNPV*3621A**	0.95	1.03	0.96	1.07	315(A/JA)V060110
	CNPV*4821A**	0.98	1.03	0.99	1.05	315(A/JA)V060110
	CSPH*3612A**	0.98	1.04	0.99	1.06	315(A/JA)V060110
	CSPH*4212A**	0.98	1.03	0.99	1.06	315(A/JA)V060110
	CSPH*4812A**	0.99	1.03	0.99	1.05	315(A/JA)V060110
	CNPH*3617A**	0.96	1.04	0.97	1.09	353(A/JA)V036060
	CNPH*4221A**	0.97	1.04	0.99	1.08	353(A/JA)V036060
	CNPH*4821A**	0.99	1.04	1.01	1.07	353(A/JA)V036060

Cooling Indoor Model		High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CNPH*4221A**	CNPH*4221A**	0.97	1.04	0.98	1.07	355(A,CJA)V042060
CNPH*4321A**	CNPH*4321A**	1.00	1.04	1.01	1.06	355(A,CJA)V042060
CNPH*3617A**	CNPH*4821A**	0.98	1.04	0.98	1.05	355(A,CJA)V042060
CNPH*3617A**	CNPH*3617A**	0.96	1.05	0.97	1.08	355(A,CJA)V042060
CNPH*3621A**	CNPH*3621A**	0.96	1.04	0.97	1.08	355(A,CJA)V042060
CNPH*3717A**	CNPH*3717A**	0.99	1.05	1.01	1.06	355(A,CJA)V042060
CNPH*4217A**	CNPH*4217A**	0.98	1.05	0.99	1.07	355(A,CJA)V042060
CNPH*4221A**	CNPH*4221A**	0.97	1.04	0.98	1.07	355(A,CJA)V042060
CNPH*4821A**	CNPH*4821A**	0.98	1.03	0.99	1.05	355(A,CJA)V042060
CSPH*3612A**	CSPH*3612A**	0.97	1.05	0.98	1.07	355(A,CJA)V042060
CSPH*4212A**	CSPH*4212A**	0.98	1.05	0.99	1.06	355(A,CJA)V042060
CNPH*4821A**	CNPH*4821A**	0.98	1.04	0.99	1.06	355(A,CJA)V042080
CNPH*3621A**	CNPH*3621A**	0.95	1.05	0.95	1.07	355(A,CJA)V042080
CNPH*4212A**	CNPH*4212A**	0.96	1.05	0.97	1.07	355(A,CJA)V042080
CNPH*4324A**	CNPH*4324A**	0.99	1.05	0.99	1.04	355(A,CJA)V042080
CNPH*4821A**	CNPH*4821A**	0.98	1.04	0.98	1.05	355(A,CJA)V042080
CNPH*4824A**	CNPH*4824A**	0.98	1.04	0.98	1.05	355(A,CJA)V042080
CSPH*3612A**	CSPH*3612A**	0.97	1.04	0.98	1.07	355(A,CJA)V042080
CSPH*4212A**	CSPH*4212A**	0.98	1.04	0.99	1.07	355(A,CJA)V042080
CSPH*4821A**	CSPH*4821A**	0.98	1.04	0.99	1.07	355(A,CJA)V042080
CSPH*4212A**	CSPH*4212A**	0.96	1.04	0.97	1.07	355(A,CJA)V060080
CNPH*4321A**	CNPH*4321A**	0.99	1.04	0.97	1.05	355(A,CJA)V060080
CNPH*4821A**	CNPH*4821A**	0.98	1.03	0.98	1.05	355(A,CJA)V060080
CNPH*3621A**	CNPH*3621A**	0.95	1.05	0.96	1.08	355(A,CJA)V060080
CNPH*4212A**	CNPH*4212A**	0.96	1.04	0.97	1.07	355(A,CJA)V060080
CNPH*4324A**	CNPH*4324A**	0.99	1.03	1.00	1.06	355(A,CJA)V060080
CNPH*4821A**	CNPH*4821A**	0.98	1.04	0.99	1.06	355(A,CJA)V060080
CNPH*4824A**	CNPH*4824A**	0.98	1.04	0.99	1.06	355(A,CJA)V060080
CSPH*3612A**	CSPH*3612A**	0.98	1.04	0.97	1.06	355(A,CJA)V060080
CSPH*4212A**	CSPH*4212A**	0.98	1.04	0.98	1.06	355(A,CJA)V060080
CSPH*4821A**	CSPH*4821A**	0.99	1.04	0.98	1.05	355(A,CJA)V060080
CNPH*4221A**	CNPH*4221A**	0.97	1.04	0.96	1.06	355(A,CJA)V060100
CNPH*4321A**	CNPH*4321A**	0.98	1.03	0.99	1.05	355(A,CJA)V060100
CNPH*4821A**	CNPH*4821A**	0.97	1.05	0.98	1.08	355(A,CJA)V060100
CNPH*3621A**	CNPH*3621A**	0.96	1.04	0.95	1.07	355(A,CJA)V060100
CNPH*4221A**	CNPH*4221A**	0.97	1.04	0.96	1.06	355(A,CJA)V060100
CNPH*4324A**	CNPH*4324A**	0.99	1.03	0.99	1.04	355(A,CJA)V060100
CNPH*4821A**	CNPH*4821A**	0.98	1.03	0.98	1.05	355(A,CJA)V060100
CNPH*4824A**	CNPH*4824A**	0.98	1.03	0.98	1.05	355(A,CJA)V060100
CSPH*3612A**	CSPH*3612A**	0.98	1.05	0.99	1.08	355(A,CJA)V060100
CSPH*4212A**	CSPH*4212A**	0.98	1.04	0.99	1.07	355(A,CJA)V060100
CSPH*4821A**	CSPH*4821A**	0.95	1.06	0.97	1.13	355(A,CJA)V060100
CNPH*4212A**	CNPH*4212A**	0.99	1.02	1.00	1.04	355(A,CJA)V060120
CNPH*4324A**	CNPH*4324A**	0.98	1.02	0.99	1.05	355(A,CJA)V060120
CNPH*4821A**	CNPH*4821A**	0.99	1.04	0.99	1.06	355(A,CJA)V060120
CNPH*4824A**	CNPH*4824A**	0.97	1.04	0.99	1.07	355(A,CJA)V060120
CSPH*3612A**	CSPH*3612A**	0.98	1.05	0.99	1.06	355(A,CJA)V

NOTE: Multipliers for 355BAV are equal to 355(A.C)AV

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DETAILED COOLING CAPACITIES# (CONTINUED)

180BNA036A Outdoor Section With FE5ANB004 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CSPH*4812A**	1.00	1.07	1.00	1.06	359BAV060080
CNPH*3617A**	0.98	1.08	0.99	1.09	359BAV060100
CNPH*4821A**	0.98	1.09	0.97	1.07	359BAV060100
CSPH*3612A**	0.99	1.10	0.97	1.07	359BAV060100
CSPH*4212A**	0.99	1.10	0.98	1.07	359BAV060100
CSPH*4812A**	0.94	1.05	0.95	1.08	359BAV060100
CNPV*3621A**	0.96	1.05	0.96	1.07	368RAN036105
CNPV*4221A**	0.96	1.05	0.90	1.02	368RAN036105
CNPV*4821A**	0.98	1.05	0.90	1.01	368RAN036105
CNPV*4221A**	0.97	1.05	0.98	1.05	368RAN060120
CNPV*4821A**	1.00	1.04	1.00	1.01	368RAN060120
CNPV*3621A**	0.96	1.07	0.97	1.10	374RAN036105
CNPV*4221A**	0.97	1.06	0.98	1.10	374RAN036105
CNPV*4821A**	0.98	1.06	0.99	1.08	374RAN036105
CNPV*4221A**	0.96	1.04	0.90	1.01	374RAN060120
CNPV*4821A**	0.98	1.04	0.92	1.00	374RAN060120

NOTE: Multipliers for 355BAV are equal to 355(A,C)/V
See notes on page 38

DETAILED COOLING CAPACITIES# (CONTINUED)

EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)											
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)			
		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh			
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†		
167BNA048--A HIGH Outdoor Section With CNPHP6124 INDOOR SECTION Indoor Section															
1100	57 (13.9)	44.11	44.11	2.98	42.88	42.88	41.49	39.91	39.91	38.10	38.10	36.02	36.02		
	62 (16.7)	47.19	37.81	3.01	45.48	42.88	43.59	35.65	35.99	34.47	33.21	31.85	31.85		
	63 (17.2)†	48.16	31.42	3.01	46.41	30.39	34.46	29.30	28.15	26.91	26.91	25.59	25.59		
	67 (19.4)	52.08	32.59	3.05	50.18	31.55	38.05	30.44	35.65	28.01	28.01	26.67	26.67		
	72 (22.2)	57.49	27.28	3.10	55.36	26.24	52.80	25.07	50.34	22.74	22.74	21.42	21.42		
1225	57 (13.9)	45.88	45.88	3.06	44.56	44.56	43.06	36.66	36.66	34.92	34.92	32.79	32.79		
	62 (16.7)	48.28	39.97	3.09	46.49	38.89	37.75	36.75	36.75	35.21	35.21	33.22	33.22		
	63 (17.2)††	49.24	32.90	3.09	47.38	31.84	33.72	30.72	29.53	28.26	28.26	26.92	26.92		
	67 (19.4)	53.21	34.17	3.13	51.18	33.08	31.95	30.74	29.46	28.10	28.10	26.82	26.82		
	72 (22.2)	58.71	28.28	3.18	56.43	27.20	53.95	26.08	24.89	23.63	23.63	22.29	22.29		
1400	57 (13.9)	48.10	48.10	3.15	46.66	46.66	45.03	37.4	37.4	35.67	35.67	33.87	33.87		
	62 (16.7)	49.64	42.97	3.16	47.76	41.83	43.44	39.31	39.31	37.58	37.58	35.87	35.87		
	63 (17.2)††	50.51	34.94	3.17	48.55	32.69	40.63	36.31	36.31	34.58	34.58	32.87	32.87		
	67 (19.4)	54.55	36.35	3.21	52.38	35.23	43.06	37.9	37.9	36.15	36.15	34.42	34.42		
	72 (22.2)	60.12	29.67	3.26	57.73	28.57	55.08	27.41	26.15	24.90	24.90	23.53	23.53		
1600	57 (13.9)	50.24	50.24	3.24	48.67	48.67	46.90	38.3	38.3	36.53	36.53	34.84	34.84		
	62 (16.7)	50.97	46.17	3.25	49.03	44.96	43.83	38.3	38.3	36.53	36.53	34.84	34.84		
	63 (17.2)††	51.64	37.15	3.25	49.57	36.02	44.74	33.58	33.58	31.84	31.84	30.33	30.33		
	67 (19.4)	55.73	38.71	3.29	53.45	37.55	48.22	35.09	35.09	33.35	33.35	32.00	32.00		
	72 (22.2)	61.38	31.16	3.34	58.85	30.03	56.08	28.84	27.59	26.28	26.28	24.93	24.93		

EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)													
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)					
		Capacity MBtuh Total	Sens†	Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†				
187BNA048-A LOW Outdoor Section With CNPHP6124 INDOOR SECTION Indoor Section																	
880	57 (13.9)	32.76	32.76	2.04	31.62	30.36	28.98	28.98	27.46	27.46	25.76	25.76	3.70				
	62 (16.7)	34.58	28.44	2.04	33.05	27.76	27.03	25.61	26.24	26.24	25.81	25.81	3.70				
	63 (17.2)†	35.34	23.42	2.03	33.77	22.73	22.00	30.21	21.21	21.21	20.37	19.48	3.70				
	67 (19.4)	38.47	24.43	2.02	36.75	22.99	22.55	32.88	22.19	22.87	30.69	21.34	3.23				
	72 (22.2)	42.82	20.36	2.01	40.90	19.65	18.90	36.60	18.09	2.53	36.60	17.23	3.19				
1050	57 (13.9)	35.07	35.07	2.06	33.79	32.38	30.84	29.15	29.15	29.15	27.27	27.27	3.70				
	62 (16.7)	35.99	31.46	2.06	34.36	30.73	29.95	30.89	30.89	29.15	29.15	27.31	3.70				
	63 (17.2)†	36.67	25.49	2.06	34.97	24.71	23.91	31.15	23.20	29.01	22.33	21.40	3.71				
	67 (19.4)	39.88	26.65	2.05	38.02	25.92	25.15	33.87	24.32	2.88	31.54	23.45	3.25				
	72 (22.2)	44.36	21.79	2.04	42.29	21.05	20.27	37.53	19.39	2.55	35.06	18.54	3.21				
1145	57 (13.9)	36.17	36.17	2.07	34.81	33.33	31.71	29.93	29.93	29.93	27.97	27.97	3.70				
	62 (16.7)	36.66	33.05	2.07	35.02	32.29	33.39	31.77	29.98	29.98	28.01	28.01	3.70				
	63 (17.2)†	37.25	26.59	2.07	35.49	25.09	26.01	31.56	24.26	2.92	29.98	26.99	3.72				
	67 (19.4)	40.49	27.83	2.06	38.57	27.09	26.30	34.29	25.47	2.90	31.90	24.57	3.26				
	72 (22.2)	45.02	22.54	2.05	42.89	20.99	20.99	38.01	20.11	2.86	35.43	19.24	3.22				
1250	57 (13.9)	37.25	37.25	2.09	35.82	34.27	32.57	30.70	30.70	30.70	28.64	28.64	3.71				
	62 (16.7)	37.39	34.70	2.09	35.88	34.32	32.62	30.75	30.75	30.75	28.68	28.68	3.71				
	63 (17.2)†	37.79	27.77	2.09	35.98	27.03	26.24	29.70	25.40	2.94	30.75	27.28	3.29				
	67 (19.4)	41.06	29.09	2.08	39.08	27.54	26.69	34.69	26.69	2.91	32.24	24.50	3.30				
	72 (22.2)	45.64	23.33	2.07	43.43	22.57	21.76	38.51	20.90	2.88	35.77	19.99	3.23				

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DETAILED COOLING CAPACITIES# (CONTINUED)

187BNA048 – A HIGH Outdoor Section With CNPHP6124 INDOOR SECTION Indoor Section

Core Performance Metrics							Advanced System Specifications						
Model ID	Core Type	Power (W)	Speed (RPM)	Capacity (kg)	Efficiency (%)	Reliability (h)	Material Grade	Dimensions (mm)	Weight (kg)	Installation Type	Warranty (Years)	Support Level	
Series A	Model A1	1500	1200	50	92	10000	Aluminum	120x150x180	12.5	Wall Mount	3	Basic	
	Model A2	1800	1500	60	95	12000	Aluminum	150x180x210	15.0	Wall Mount	3	Basic	
	Model A3	2200	1800	75	98	15000	Aluminum	180x210x240	18.0	Wall Mount	3	Basic	
	Model A4	2500	2000	90	99	18000	Aluminum	210x240x270	21.0	Wall Mount	3	Basic	
	Model A5	3000	2500	110	99	20000	Aluminum	240x270x300	24.0	Wall Mount	3	Basic	
	Model A6	3500	3000	130	99	22000	Aluminum	270x300x330	27.0	Wall Mount	3	Basic	
	Model A7	4000	3500	150	99	25000	Aluminum	300x330x360	30.0	Wall Mount	3	Basic	
	Model A8	4500	4000	170	99	28000	Aluminum	330x360x390	33.0	Wall Mount	3	Basic	
	Model A9	5000	4500	190	99	30000	Aluminum	360x390x420	36.0	Wall Mount	3	Basic	
	Model A10	5500	5000	210	99	32000	Aluminum	390x420x450	39.0	Wall Mount	3	Basic	
Series B	Model B1	1200	1000	40	90	8000	Steel	100x120x140	10.0	Table Mount	2	Basic	
	Model B2	1400	1100	45	92	9000	Steel	110x130x150	11.0	Table Mount	2	Basic	
	Model B3	1600	1200	50	94	10000	Steel	120x140x160	12.0	Table Mount	2	Basic	
	Model B4	1800	1300	55	96	11000	Steel	130x150x170	13.0	Table Mount	2	Basic	
	Model B5	2000	1400	60	98	12000	Steel	140x160x180	14.0	Table Mount	2	Basic	
	Model B6	2200	1500	65	99	13000	Steel	150x170x190	15.0	Table Mount	2	Basic	
	Model B7	2400	1600	70	99	14000	Steel	160x180x200	16.0	Table Mount	2	Basic	
	Model B8	2600	1700	75	99	15000	Steel	170x190x210	17.0	Table Mount	2	Basic	
	Model B9	2800	1800	80	99	16000	Steel	180x200x220	18.0	Table Mount	2	Basic	
	Model B10	3000	1900	85	99	17000	Steel	190x210x230	19.0	Table Mount	2	Basic	
Series C	Model C1	1000	800	30	88	6000	Steel	80x100x120	8.0	Table Mount	2	Basic	
	Model C2	1100	850	32	90	6500	Steel	85x105x125	8.5	Table Mount	2	Basic	
	Model C3	1200	900	34	92	7000	Steel	90x110x130	9.0	Table Mount	2	Basic	
	Model C4	1300	950	36	94	7500	Steel	95x115x135	9.5	Table Mount	2	Basic	
	Model C5	1400	1000	38	96	8000	Steel	100x120x140	10.0	Table Mount	2	Basic	
	Model C6	1500	1050	40	98	8500	Steel	105x125x145	10.5	Table Mount	2	Basic	
	Model C7	1600	1100	42	99	9000	Steel	110x130x150	11.0	Table Mount	2	Basic	
	Model C8	1700	1150	44	99	9500	Steel	115x135x155	11.5	Table Mount	2	Basic	
	Model C9	1800	1200	46	99	10000	Steel	120x140x160	12.0	Table Mount	2	Basic	
	Model C10	1900	1250	48	99	10500	Steel	125x145x165	12.5	Table Mount	2	Basic	
Series D	Model D1	800	600	20	85	4000	Steel	60x80x100	6.0	Table Mount	2	Basic	
	Model D2	900	650	22	88	4500	Steel	65x85x105	6.5	Table Mount	2	Basic	
	Model D3	1000	700	24	90	5000	Steel	70x90x110	7.0	Table Mount	2	Basic	
	Model D4	1100	750	26	92	5500	Steel	75x95x115	7.5	Table Mount	2	Basic	
	Model D5	1200	800	28	94	6000	Steel	80x100x120	8.0	Table Mount	2	Basic	
	Model D6	1300	850	30	96	6500	Steel	85x105x125	8.5	Table Mount	2	Basic	
	Model D7	1400	900	32	98	7000	Steel	90x110x130	9.0	Table Mount	2	Basic	
	Model D8	1500	950	34	99	7500	Steel	95x115x135	9.5	Table Mount	2	Basic	
	Model D9	1600	1000	36	99	8000	Steel	100x120x140	10.0	Table Mount	2	Basic	
	Model D10	1700	1050	38	99	8500	Steel	105x125x145	10.5	Table Mount	2	Basic	

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Furnace Model	Power	High Speed Cap.	Low Speed Cap.	Power	High Speed Cap.	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Furnace Model	Power	High Speed Cap.	Low Speed Cap.	Power	High Speed Cap.	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Furnace Model	Power	High Speed Cap.	Low Speed Cap.	Furnace Model	
CNP**6124A**	1.00	1.00	1.00	355(A,C)AV060100	1.00	1.00	1.00	1.05	1.05	CNP**6124A**	0.95	0.95	0.95	355(A,C)AV060100	1.00	1.00	1.00	1.05	1.05	CNP**6124A**	0.95	0.95	0.95	355(A,C)AV060100	1.00	1.00	1.00	1.05	1.05
CAP**4817A**	0.95	1.05	0.95		1.05			1.05	1.05	CAP**4817A**	0.96	1.06	0.94		1.05			1.05	1.05	CAP**4817A**	0.96	1.06	0.94		1.05			1.05	1.05
CAP**4821A**	0.92	1.03	0.93		0.94			0.94	0.94	CAP**4821A**	0.92	1.03	0.93		0.94			0.94	0.94	CAP**4821A**	0.92	1.03	0.93		0.94			0.94	0.94
CAP**4823A**	0.94	1.03	0.94		1.05			1.05	1.05	CAP**4823A**	0.94	1.03	0.94		1.05			1.05	1.05	CAP**4823A**	0.94	1.03	0.94		1.05			1.05	1.05
CAP**6021A**	0.96	1.03	0.95		1.05			1.05	1.05	CAP**6021A**	0.96	1.03	0.95		1.05			1.05	1.05	CAP**6021A**	0.96	1.03	0.95		1.05			1.05	1.05
CAP**6025A**	0.94	1.03	0.93		0.94			0.94	0.94	CAP**6025A**	0.94	1.03	0.93		0.94			0.94	0.94	CAP**6025A**	0.94	1.03	0.93		0.94			0.94	0.94
CNP**4821A**	0.94	1.03	0.94		0.94			0.94	0.94	CNP**4821A**	0.94	1.03	0.94		0.94			0.94	0.94	CNP**4821A**	0.94	1.03	0.94		0.94			0.94	0.94
CNP**6024A**	0.96	1.04	0.95		0.92			0.92	0.92	CNP**6024A**	0.96	1.04	0.95		0.92			0.92	0.92	CNP**6024A**	0.96	1.04	0.95		0.92			0.92	0.92
CNP**4821A**	0.94	1.03	0.94		1.05			1.05	1.05	CNP**4821A**	0.94	1.03	0.94		1.05			1.05	1.05	CNP**4821A**	0.94	1.03	0.94		1.05			1.05	1.05
CNPV*4824A**	0.96	1.04	0.95		0.92			0.92	0.92	CNPV*4824A**	0.96	1.04	0.95		0.92			0.92	0.92	CNPV*4824A**	0.96	1.04	0.95		0.92			0.92	0.92
CSPH*6012A**	0.95	1.03	0.95		0.97			0.97	0.97	CSPH*6012A**	0.95	1.03	0.95		0.97			0.97	0.97	CSPH*6012A**	0.95	1.03	0.95		0.97			0.97	0.97
CSPH*4812A**	0.97	1.04	0.96		0.95			0.95	0.95	CSPH*4812A**	0.97	1.04	0.96		0.95			0.95	0.95	CSPH*4812A**	0.97	1.04	0.96		0.95			0.95	0.95
FE4AN(B,F)005	0.99	0.98	0.99		0.90			0.90	0.90	FE4AN(B,F)005	0.99	0.98	0.99		0.90			0.90	0.90	FE4AN(B,F)005	0.99	0.98	0.99		0.90			0.90	0.90
FV4CN(B,F)005	0.97	0.98	0.98		0.80			0.80	0.80	FV4CN(B,F)005	0.97	0.98	0.98		0.80			0.80	0.80	FV4CN(B,F)005	0.97	0.98	0.98		0.80			0.80	0.80
FV4CNB006	0.99	0.98	0.99		0.94			0.94	0.94	FV4CNB006	0.99	0.98	0.99		0.94			0.94	0.94	FV4CNB006	0.99	0.98	0.99		0.94			0.94	0.94
CAP**4824A**	0.95	1.00	0.95		0.94			0.94	0.94	CAP**4824A**	0.95	1.00	0.95		0.94			0.94	0.94	CAP**4824A**	0.95	1.00	0.95		0.94			0.94	0.94
CAP**6021A**	0.97	1.00	0.96		0.94			0.94	0.94	CAP**6021A**	0.97	1.00	0.96		0.94			0.94	0.94	CAP**6021A**	0.97	1.00	0.96		0.94			0.94	0.94
CNP**4821A**	0.95	1.00	0.96		0.94			0.94	0.94	CNP**4821A**	0.95	1.00	0.96		0.94			0.94	0.94	CNP**4821A**	0.95	1.00	0.96		0.94			0.94	0.94
CNP**6124A**	1.01	0.99	1.00		0.99			0.99	0.99	CNP**6124A**	1.01	0.99	1.00		0.99			0.99	0.99	CNP**6124A**	1.01	0.99	1.00		0.99			0.99	0.99
CNPV*6124A**	1.02	0.99	1.02		0.99			0.99	0.99	CNPV*6124A**	1.02	0.99	1.02		0.99			0.99	0.99	CNPV*6124A**	1.02	0.99	1.02		0.99			0.99	0.99
CSPH*4812A**	0.96	1.01	0.96		0.94			0.94	0.94	CSPH*4812A**	0.96	1.01	0.96		0.94			0.94	0.94	CSPH*4812A**	0.96	1.01	0.96		0.94			0.94	0.94
CSPH*6012A**	0.98	1.00	0.98		0.93			0.93	0.93	CSPH*6012A**	0.98	1.00	0.98		0.93			0.93	0.93	CSPH*6012A**	0.98	1.00	0.98		0.93			0.93	0.93
CAP**4821A**	0.95	0.99	0.95		0.93			0.93	0.93	CAP**4821A**	0.95	0.99	0.95		0.93			0.93	0.93	CAP**4821A**	0.95	0.99	0.95		0.93			0.93	0.93
CAP**4824A**	0.95	0.98	0.96		0.94			0.94	0.94	CAP**4824A**	0.95	0.98	0.96		0.94			0.94	0.94	CAP**4824A**	0.95	0.98	0.96		0.94			0.94	0.94
CAP**6021A**	0.97	0.98	0.96		0.94			0.94	0.94	CAP**6021A**	0.97	0.98	0.96		0.94			0.94	0.94	CAP**6021A**	0.97	0.98	0.96		0.94			0.94	0.94
CNP**4821A**	0.96	0.99	0.96		0.94			0.94	0.94	CNP**4821A**	0.96	0.99	0.96		0.94			0.94	0.94	CNP**4821A**	0.96	0.99	0.96		0.94			0.94	0.94
CNP**6024A**	0.97	0.98	0.96		0.94			0.94	0.94	CNP**6024A**	0.97	0.98	0.96		0.94			0.94	0.94	CNP**6024A**	0.97	0.98	0.96		0.94			0.94	0.94
CNPV*4821A**	0.97	0.98	0.96		0.94			0.94	0.94	CNPV*4821A**	0.97	0.98	0.96		0.94			0.94	0.94	CNPV*4821A**	0.97	0.98	0.96		0.94			0.94	0.94
CNPV*6021A**	0.97	0.98	0.96		0.94			0.94	0.94	CNPV*6021A**	0.97	0.98	0.96		0.94			0.94	0.94	CNPV*6021A**	0.97	0.98	0.96		0.94			0.94	0.94
CNPV*6024A**	0.97	0.98	0.96		0.94			0.94	0.94	CNPV*6024A**	0.97	0.98	0.96		0.94			0.94	0.94	CNPV*6024A**	0.97	0.98	0.96		0.94			0.94	0.94
CSPH*4812A**	0.96	0.99	0.96		0.94			0.94	0.94	CSPH*4812A**	0.96	0.99	0.96		0.94			0.94	0.94	CSPH*4812A**	0.96	0.99	0.96		0.94			0.94	0.94
CSPH*6012A**	0.98	1.00	0.98		0.93			0.93	0.93	CSPH*6012A**	0.98	1.00	0.98		0.93			0.93	0.93	CSPH*6012A**	0.98	1.00	0.98		0.93			0.93	0.93
CAP**6024A**	0.97	0.99	0.96																										

NOTE: Multipliers for 355BAV are equal to 355(A,C)AV
See notes on page 38

DETAILED COOLING CAPACITIES# (CONTINUED)

EVAPORATOR AIR			CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																						
CFM	EWB ° F (° C)	75 (23.9)		85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)					
		Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**						
Total	Sens†	Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	Total	Sens†		
187BNA060--A HI Outdoor Section With CNHPH6124 Indoor Section																									
1500	57 (13.9)	54.27	54.27	3.61		52.74	52.74	3.98		50.95	50.95	4.38		49.05	49.05	4.82		46.81	46.81	5.30		44.25	44.25	5.83	
	62 (16.7)	57.18	48.11	3.64		55.08	47.35	4.01		52.75	46.48	4.40		50.22	45.51	4.83		47.39	44.39	5.31		44.31	44.31	5.84	
	63 (17.2)††	58.34	39.49	3.65		56.17	38.66	4.02		53.77	37.73	4.41		50.96	36.64	4.84		48.16	35.56	5.32		44.84	34.30	5.84	
	67 (19.4)	63.05	41.02	3.70		60.68	40.18	4.07		58.06	39.24	4.47		55.17	38.22	4.90		51.93	37.06	5.38		48.34	35.79	5.90	
	72 (22.2)	69.52	33.78	3.78		66.88	32.88	4.15		63.98	31.88	4.55		60.75	30.78	4.98		57.17	29.57	5.46		53.18	28.23	5.99	
1710	57 (13.9)	56.76	56.76	3.70		55.08	55.08	4.07		53.17	53.17	4.47		51.02	51.02	4.91		48.63	48.63	5.40		45.87	45.87	5.93	
	62 (16.7)	58.63	51.57	3.72		56.42	50.77	4.09		54.01	49.87	4.48		51.39	48.81	4.92		48.70	48.70	5.40		45.93	45.93	5.93	
	63 (17.2)††	59.71	41.82	3.73		57.41	40.98	4.10		54.85	40.03	4.49		52.06	38.99	4.93		48.95	37.84	5.40		45.51	36.55	5.92	
	67 (19.4)	64.47	43.51	3.79		61.97	42.66	4.16		59.19	41.71	4.55		56.13	40.67	4.98		52.75	39.51	5.46		48.99	38.22	5.98	
	72 (22.2)	71.04	35.32	3.87		68.25	34.40	4.23		65.17	33.38	4.63		61.79	32.27	5.07		58.01	31.02	5.54		53.89	29.69	6.07	
1835	57 (13.9)	58.06	58.06	3.76		56.29	56.29	4.13		54.30	54.30	4.53		52.08	52.08	4.97		49.55	49.55	5.45		46.88	46.88	5.98	
	62 (16.7)	59.38	53.53	3.77		57.14	52.72	4.14		54.70	51.76	4.53		52.14	52.14	4.97		49.58	49.58	5.45		46.74	46.74	5.98	
	63 (17.2)††	60.37	43.15	3.78		58.00	42.29	4.15		55.37	41.34	4.54		52.51	40.30	4.97		49.24	39.10	5.44		45.83	37.85	5.96	
	67 (19.4)	65.16	44.93	3.84		62.57	44.07	4.20		59.71	43.12	4.60		56.59	42.08	5.03		53.13	40.91	5.50		49.31	39.82	6.03	
	72 (22.2)	71.76	36.19	3.92		68.89	35.26	4.28		65.74	34.24	4.68		62.28	33.12	5.11		58.42	31.86	5.59		54.21	30.52	6.11	
2000	57 (13.9)	59.59	59.59	3.83		57.72	57.72	4.20		55.62	55.62	4.60		53.28	53.28	5.04		50.62	50.62	5.52		47.83	47.83	6.05	
	62 (16.7)	60.30	55.99	3.83		58.01	55.08	4.20		55.69	55.69	4.60		53.35	53.35	5.04		50.69	50.69	5.52		47.68	47.68	6.05	
	63 (17.2)††	61.09	44.84	3.84		58.64	43.97	4.21		55.94	43.02	4.60		53.00	41.98	5.03		49.50	40.70	5.50		46.17	39.50	6.02	
	67 (19.4)	65.91	46.75	3.90		63.22	45.88	4.26		60.31	44.93	4.66		57.09	43.89	5.09		53.55	42.72	5.56		49.66	41.41	6.09	
	72 (22.2)	72.57	37.29	3.98		69.61	36.36	4.34		66.35	35.32	4.74		62.79	34.19	5.17		58.84	32.94	5.65		54.49	31.56	6.17	

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																							
CFM	EWB °F (°C)	75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)								
		Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**						
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	
187BNA060--A LO Outdoor Section With CNHPH6124 Indoor Section																									
1100	72 (22.2)	49.86	23.91	2.40		47.66	23.10	2.70		45.29	22.25	3.03		42.73	21.34	3.41		39.96	20.38	3.85		36.97	19.36	4.36	
	67 (19.4)	44.89	28.95	2.41		42.92	28.16	2.72		40.78	27.32	3.06		38.45	26.41	3.45		35.95	25.45	3.90		33.27	24.43	4.42	
	63 (17.2)††	41.27	27.74	2.43		39.43	26.95	2.74		37.48	26.12	3.09		35.35	25.23	3.48		33.05	24.28	3.94		30.59	23.28	4.47	
	62 (16.7)	40.39	33.88	2.43		38.64	33.10	2.74		36.73	32.25	3.09		34.69	31.33	3.49		32.55	32.36	3.95		30.57	30.57	4.47	
	57 (13.9)	36.60	38.60	2.44		37.27	37.27	2.75		35.79	35.79	3.10		34.18	34.18	3.49		32.43	32.43	3.95		30.51	30.51	4.47	
1250	72 (22.2)	51.05	25.10	2.43		48.73	24.28	2.72		46.25	23.41	3.05		43.54	22.47	3.43		40.66	21.49	3.87		37.55	20.44	4.38	
	67 (19.4)	46.00	30.83	2.44		43.91	30.02	2.74		41.67	29.15	3.08		39.23	28.22	3.47		36.62	27.24	3.91		33.83	26.20	4.44	
	63 (17.2)††	42.33	29.50	2.45		40.40	28.69	2.76		38.35	27.84	3.11		36.05	26.90	3.50		33.72	25.95	3.96		31.15	24.92	4.49	
	62 (16.7)	41.54	36.44	2.45		39.68	35.60	2.76		37.75	34.70	3.11		35.78	35.78	3.50		33.89	33.89	3.95		31.81	31.81	4.47	
	57 (13.9)	40.50	40.50	2.46		39.05	39.05	2.77		37.46	37.46	3.11		35.73	35.73	3.50		33.84	33.84	3.95		31.76	31.76	4.47	
1400	72 (22.2)	51.99	26.23	2.45		49.57	25.39	2.75		46.98	24.50	3.08		44.19	22.56	3.45		41.20	22.55	3.89		37.99	21.49	4.40	
	67 (19.4)	46.87	32.63	2.46		44.69	31.80	2.76		42.36	30.92	3.10		39.84	29.97	3.49		37.15	28.97	3.93		34.27	27.90	4.45	
	63 (17.2)††	43.18	31.19	2.47		41.18	30.37	2.78		39.04	29.50	3.13		36.72	28.56	3.52		34.24	27.56	3.98		31.59	26.49	4.51	
	62 (16.7)	42.54	38.84	2.48		40.71	40.48	2.78		38.96	38.96	3.13		37.09	37.09	3.51		35.06	35.06	3.96		32.84	32.84	4.48	
	57 (13.9)	42.13	42.13	2.48		40.58	40.58	2.78		38.89	38.89	3.13		37.02	37.02	3.51		35.01	35.01	3.96		32.80	32.80	4.48	
1500	72 (22.2)	52.50	26.95	2.47		50.03	26.11	2.76		47.39	25.21	3.09		44.54	24.25	3.47		41.49	23.24	3.90		38.22	22.17	4.41	
	67 (19.4)	47.35	33.80	2.48		45.12	32.96	2.78		42.74	32.06	3.12		40.18	31.10	3.50		37.44	30.08	3.95		34.52	28.99	4.47	
	63 (17.2)††	43.66	32.29	2.49		41.61	31.45	2.80		39.42	30.56	3.14		37.05	29.60	3.53		34.53	28.59	3.99		31.85	27.50	4.52	
	62 (16.7)	43.23	43.01	2.49		41.55	41.55	2.80		39.79	39.79	3.14		37.85	37.85	3.52		35.74	35.74	3.97		33.45	33.45	4.48	
	57 (13.9)	43.11	43.11	2.49		41.49	41.49	2.80		39.73	39.73	3.14		37.79	37.79	3.52		35.69	35.69	3.97		33.40	33.40	4.48	

DETAILED COOLING CAPACITIES# (CONTINUED)

187B / 180B

187BNA060-A Outdoor Section With CNPH6124 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Furnace Model
*CNPH*6124A**	1.00	1.00	1.00	1.00	313*AV060110				
CAP**6021A**	0.99	1.02	0.99	1.12					
CAP**6024A**	0.99	1.02	0.99	1.12					
CAP**6025A**	0.97	1.06	0.98	1.14					
CNPH*6024A**	0.99	1.02	0.99	1.12					
CNPH*6124A**	1.00	1.02	1.00	1.12					
CNPH*6024A**	0.99	1.02	0.99	1.12					
CNPH*6124A**	1.01	1.02	1.01	1.13					
CSPH*6012A**	1.00	1.02	1.00	1.12					
FE4ANB006	1.01	0.98	1.02	1.00					
FV4CNB006	1.01	0.98	1.02	1.00					
CAP**6021A**	0.99	0.99	0.99	1.00	313*AV060110				
CNPH*6024A**	0.99	0.99	1.00	1.00	313*AV060110				
CNPH*6024A**	0.99	0.99	1.01	1.03	313*AV060110				
CNPH*6124A**	1.01	0.99	1.03	1.03	313*AV060110				
CSPH*6012A**	1.00	0.99	1.00	0.99	313*AV060110				
CAP**6024A**	0.99	1.00	0.99	1.00	313*AV060135				
CNPH*6024A**	0.99	1.00	1.00	1.01	313*AV060135				
CNPH*6124A**	0.99	1.00	1.00	1.01	313*AV060135				
CNPH*6024A**	0.99	1.00	1.00	1.01	313*AV060135				
CNPH*6024A**	0.99	1.00	1.00	1.01	313*AV060135				
CNPH*6124A**	1.00	0.99	1.00	1.04	315(A,J)AV060110				
CNPH*6024A**	0.99	1.01	1.00	1.03	315(A,J)AV060110				
CNPH*6124A**	0.99	1.01	1.01	1.05	315(A,J)AV060110				
CNPH*6024A**	0.99	1.01	1.00	1.03	315(A,J)AV060110				

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Furnace Model
CSPH*6012A**	0.98	1.05	1.00	1.05	355(A,C)AV060080				
CAP**6021A**	0.98	1.04	1.00	1.08	355(A,C)AV060100				
CNPH*6024A**	0.97	1.03	1.00	1.07	355(A,C)AV060100				
CNPH*6124A**	0.98	1.04	1.01	1.09	355(A,C)AV060100				
CNPH*6024A**	0.97	1.03	1.00	1.07	355(A,C)AV060100				
CNPH*6124A**	0.99	1.03	1.01	1.07	355(A,C)AV060100				
CSPH*6012A**	0.98	1.03	1.01	1.08	355(A,C)AV060100				
CAP**6024A**	0.98	1.01	1.00	1.05	355(A,C)AV060120				
CNPH*6024A**	0.98	1.01	1.00	1.05	355(A,C)AV060120				
CNPH*6124A**	0.99	1.02	1.01	1.06	355(A,C)AV060120				
CNPH*6024A**	0.98	1.01	1.00	1.05	355(A,C)AV060120				
CNPH*6124A**	0.99	1.02	1.01	1.04	355(A,C)AV060120				
CSPH*6012A**	0.99	1.01	1.01	1.05	359BAV060080				
CAP**6025A**	0.96	1.06	0.99	1.07	359BAV060100				
CAP**6025A**	0.96	1.06	0.99	1.04	359BAV060100				
CAP**6021A**	0.99	1.03	1.00	1.04	368RAN060120				
CAP**6024A**	0.98	1.01	1.00	1.04	368RAN060120				
CNPH*6024A**	0.99	1.01	1.00	1.03	368RAN060120				
CNPH*6124A**	1.01	1.02	1.01	1.02	368RAN060120				
CAP**6021A**	0.97	1.06	1.00	1.06	374RAN060120				
CAP**6024A**	0.98	1.05	1.00	1.06	374RAN060120				
CNPH*6024A**	0.97	1.04	1.00	1.05	374RAN060120				
CNPH*6124A**	1.00	1.04	1.01	1.04	374RAN060120				
CSPH*6012A**	0.99	1.04	1.01	1.05	374RAN060120				

† 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 210/240-94. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* Tested Combination

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

EWB — Entering Wet Bulb

NOTE:

- Multipliers for 355BAV are equal to 355(A,C)AV
- 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)
187BNA024 HI									
30 (-1.11)	TCG	22.50	21.30	20.20	18.90	17.60	16.30	14.90	13.40
	SDT	67.50	77.40	87.20	97.00	106.80	116.70	126.60	136.70
	KW	1.00	1.16	1.33	1.50	1.69	1.91	2.15	2.44
35 (1.67)	TCG	24.90	23.60	22.30	20.90	19.50	18.10	16.50	15.00
	SDT	68.70	78.50	88.20	98.00	107.80	117.60	127.50	137.60
	KW	1.02	1.18	1.35	1.52	1.72	1.93	2.18	2.47
40 (4.44)	TCG	27.40	26.00	24.60	23.10	21.50	20.00	18.30	16.60
	SDT	70.00	79.70	89.40	99.10	108.80	118.50	128.40	138.50
	KW	1.05	1.20	1.37	1.55	1.74	1.96	2.21	2.50
45 (7.22)	TCG	30.10	28.60	27.00	25.40	23.70	22.00	20.30	18.50
	SDT	71.30	80.90	90.50	100.20	109.80	119.60	129.40	139.40
	KW	1.07	1.23	1.39	1.57	1.76	1.99	2.24	2.53
50 (10.0)	TCG	33.10	31.40	29.70	27.90	26.10	24.20	22.40	20.40
	SDT	72.60	82.10	91.70	101.30	111.00	120.60	130.40	140.40
	KW	1.09	1.25	1.41	1.59	1.79	2.01	2.27	2.57
55 (12.78)	TCG	36.20	34.40	32.50	30.60	28.60	26.60	24.60	22.50
	SDT	74.00	83.50	93.00	102.50	112.10	121.80	131.50	141.40
	KW	1.12	1.28	1.44	1.62	1.82	2.04	2.30	2.61
60 (15.56)	TCG	39.60	37.60	35.50	33.50	31.30	29.20	27.00	24.70
	SDT	75.50	84.90	94.30	103.80	113.40	122.90	132.60	142.40
	KW	1.15	1.31	1.47	1.65	1.85	2.08	2.34	2.64
187BNA024 LO									
30 (-1.11)	TCG	14.10	13.30	12.50	11.6	10.70	9.80	8.80	7.70
	SDT	61.60	71.30	81.00	90.8	100.50	110.20	119.90	129.50
	KW	0.64	0.78	0.93	1.10	1.26	1.47	1.71	1.99
35 (1.67)	TCG	16.00	15.10	14.20	13.20	12.20	11.20	10.10	9.00
	SDT	62.40	72.10	81.80	91.50	101.20	110.80	120.50	130.10
	KW	0.65	0.79	0.94	1.10	1.27	1.48	1.72	2.01
40 (4.44)	TCG	17.90	17.00	16.00	14.90	13.80	12.70	11.50	10.30
	SDT	63.30	72.90	82.60	92.20	101.90	111.50	121.10	130.70
	KW	0.67	0.81	0.95	1.11	1.29	1.49	1.73	2.02
45 (7.22)	TCG	20.10	19.00	17.90	16.80	15.60	14.40	13.10	11.70
	SDT	64.20	73.80	83.50	93.10	102.60	112.20	121.80	131.40
	KW	0.68	0.82	0.96	1.12	1.30	1.50	1.75	2.03
50 (10.0)	TCG	22.40	21.30	20.10	18.80	17.50	16.20	14.70	13.30
	SDT	65.30	74.80	84.40	93.90	103.50	113.00	122.50	132.00
	KW	0.70	0.84	0.98	1.13	1.31	1.51	1.76	2.04
55 (12.78)	TCG	24.90	23.70	22.40	21.00	19.60	18.10	16.60	15.00
	SDT	66.40	75.90	85.30	94.90	104.30	113.70	123.20	132.70
	KW	0.73	0.86	1.00	1.15	1.32	1.53	1.77	2.05
60 (15.56)	TCG	27.70	26.30	24.80	23.30	21.80	20.20	18.50	16.80
	SDT	67.60	77.00	86.40	95.80	105.20	114.60	124.00	133.40
	KW	0.75	0.88	1.01	1.16	1.34	1.54	1.78	2.06
187BNA036 HI									
30 (-1.11)	TCG	32.00	30.20	28.40	26.50	24.50	22.50	20.50	18.40
	SDT	71.10	80.40	89.80	99.20	108.60	118.00	127.40	137.00
	KW	1.51	1.72	1.95	2.18	2.44	2.73	3.06	3.43
35 (1.67)	TCG	35.60	33.60	31.60	29.50	27.40	25.20	23.00	20.80
	SDT	72.60	81.80	91.20	100.50	109.80	119.20	128.60	138.10
	KW	1.55	1.76	1.98	2.22	2.48	2.77	3.11	3.49
40 (4.44)	TCG	39.40	37.30	35.10	32.80	30.50	28.20	25.80	23.40
	SDT	74.20	83.40	92.60	101.90	111.20	120.50	129.80	139.30
	KW	1.59	1.80	2.02	2.26	2.52	2.82	3.16	3.54
45 (7.22)	TCG	43.60	41.20	38.80	36.40	33.90	31.40	28.80	26.30
	SDT	76.00	85.10	94.20	103.40	112.60	121.90	131.10	140.50
	KW	1.63	1.84	2.06	2.30	2.57	2.87	3.21	3.60
50 (10.0)	TCG	48.00	45.40	42.80	40.20	37.50	34.80	32.10	29.30
	SDT	77.80	86.80	95.90	105.00	114.10	123.30	132.50	141.70
	KW	1.68	1.89	2.11	2.35	2.62	2.93	3.27	3.66
55 (12.78)	TCG	52.70	49.90	47.10	44.30	41.40	38.50	35.60	32.60
	SDT	79.80	88.70	97.70	106.70	115.70	124.80	133.80	143.00
	KW	1.73	1.94	2.16	2.40	2.68	2.98	3.33	3.72
60 (15.56)	TCG	57.80	54.70	51.70	48.70	45.60	42.50	39.30	36.10
	SDT	81.90	90.70	99.50	108.40	117.30	126.30	135.20	144.20
	KW	1.79	1.99	2.21	2.46	2.73	3.04	3.39	3.79
187BNA036 LO									
30 (-1.11)	TCG	20.70	19.30	18.00	16.50	15.10	13.70	12.20	10.70
	SDT	65.30	74.80	84.40	93.90	103.50	113.00	122.60	132.20
	KW	1.04	1.21	1.39	1.58	1.79	2.04	2.32	2.66
35 (1.67)	TCG	23.40	21.80	20.30	18.70	17.20	15.60	14.00	12.40
	SDT	66.50	76.00	85.40	94.90	104.40	113.90	123.40	133.00
	KW	1.04	1.20	1.38	1.56	1.77	2.01	2.29	2.62
40 (4.44)	TCG	26.20	24.50	22.80	21.10	19.40	17.70	15.90	14.20
	SDT	67.80	77.20	86.60	96.00	105.40	114.80	124.30	133.80
	KW	1.03	1.20	1.37	1.55	1.75	1.99	2.26	2.59
45 (7.22)	TCG	29.30	27.40	25.50	23.70	21.80	19.90	18.00	16.10
	SDT	69.20	78.50	87.70	97.00	106.40	115.80	125.10	134.60
	KW	1.03	1.19	1.36	1.53	1.73	1.96	2.23	2.55
50 (10.0)	TCG	32.70	30.60	28.50	26.40	24.40	22.30	20.30	18.20
	SDT	70.60	79.60	88.80	98.10	107.40	116.70	126.10	135.50
	KW	1.04	1.19	1.35	1.52	1.71	1.94	2.21	2.52
55 (12.78)	TCG	36.20	33.90	31.70	29.40	27.20	25.00	22.70	20.50
	SDT	72.00	81.00	90.10	99.40	108.60	117.80	127.10	136.40
	KW	1.04	1.19	1.34	1.51	1.70	1.92	2.18	2.48
60 (15.56)	TCG	40.10	37.50	35.00	32.60	30.20	27.80	25.40	23.00
	SDT	73.60	82.50	91.60	100.70	109.80	118.90	128.10	137.40
	KW	1.05	1.19	1.34	1.50	1.69	1.90	2.15	2.45

187B / 180B

See notes on page 41

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)
180BNA036 HI									
30 (-1.11)	TCG	29.20	28.40	27.50	26.40	25.20	23.80	22.30	20.50
	SDT	67.10	76.60	86.10	95.60	105.10	114.60	124.10	133.60
	KW	1.38	1.60	1.83	2.07	2.33	2.62	2.94	3.31
35 (1.67)	TCG	32.40	31.60	30.60	29.50	28.10	26.70	25.00	23.20
	SDT	68.40	77.90	87.30	96.80	106.20	115.70	125.10	134.50
	KW	1.41	1.63	1.86	2.10	2.37	2.66	2.99	3.36
40 (4.44)	TCG	35.90	35.00	34.00	32.70	31.30	29.80	28.00	26.10
	SDT	69.80	79.20	88.60	98.00	107.40	116.80	126.00	135.30
	KW	1.44	1.67	1.90	2.14	2.41	2.70	3.03	3.40
45 (7.22)	TCG	39.70	38.70	37.60	36.30	34.80	33.10	31.30	29.20
	SDT	71.30	80.70	90.00	99.30	108.60	117.80	127.00	136.20
	KW	1.48	1.71	1.93	2.18	2.44	2.74	3.07	3.44
50 (10.0)	TCG	43.70	42.70	41.50	40.10	38.50	36.80	34.80	32.60
	SDT	73.00	82.20	91.40	100.60	109.80	118.90	128.10	137.30
	KW	1.53	1.75	1.97	2.22	2.48	2.78	3.12	3.49
55 (12.78)	TCG	48.00	46.90	45.70	44.20	42.50	40.60	38.60	36.20
	SDT	74.60	83.70	92.80	102.00	111.10	120.20	129.30	138.50
	KW	1.58	1.79	2.02	2.26	2.53	2.83	3.17	3.55
60 (15.56)	TCG	52.60	51.50	50.10	48.60	46.80	44.80	42.60	40.10
	SDT	76.30	85.30	94.40	103.40	112.50	121.60	130.70	139.70
	KW	1.63	1.84	2.07	2.31	2.58	2.88	3.23	3.61
180BNA036 LO									
30 (-1.11)	TCG	21.20	19.80	18.40	17.00	15.50	14.10	12.60	11.10
	SDT	62.90	72.50	82.20	91.80	101.40	111.00	120.60	130.20
	KW	0.90	1.08	1.26	1.45	1.67	1.92	2.20	2.54
35 (1.67)	TCG	24.00	22.40	20.80	19.20	17.60	16.00	14.40	12.70
	SDT	63.90	73.50	83.10	92.60	102.20	111.80	121.40	130.90
	KW	0.89	1.07	1.24	1.43	1.65	1.89	2.17	2.50
40 (4.44)	TCG	26.90	25.20	23.40	21.70	19.90	18.20	16.40	14.60
	SDT	65.00	74.50	84.00	93.50	103.10	112.60	122.10	131.70
	KW	0.88	1.06	1.23	1.42	1.62	1.86	2.14	2.46
45 (7.22)	TCG	30.10	28.20	26.20	24.30	22.40	20.40	18.50	16.60
	SDT	66.10	75.60	85.00	94.50	104.00	113.40	122.90	132.40
	KW	0.88	1.05	1.22	1.40	1.60	1.83	2.10	2.42
50 (10.0)	TCG	33.60	31.40	29.30	27.10	25.00	22.90	20.80	18.70
	SDT	67.40	76.70	86.10	95.50	105.00	114.40	123.80	133.20
	KW	0.88	1.04	1.21	1.39	1.58	1.81	2.07	2.38
55 (12.78)	TCG	37.30	34.90	32.50	30.20	27.90	25.60	23.30	21.10
	SDT	68.70	78.00	87.30	96.70	106.00	115.40	124.70	134.00
	KW	0.88	1.04	1.20	1.37	1.57	1.79	2.04	2.35
60 (15.56)	TCG	41.20	38.60	36.00	33.50	31.00	28.50	26.00	23.60
	SDT	70.10	79.40	88.60	97.90	107.10	116.40	125.60	134.80
	KW	0.89	1.04	1.20	1.37	1.55	1.77	2.02	2.31
187BNA048 HI									
30 (-1.11)	TCG	40.30	38.40	36.30	34.20	31.90	29.50	27.00	24.30
	SDT	68.50	77.90	87.20	96.60	106.00	115.30	124.60	133.90
	KW	2.39	2.68	2.99	3.31	3.65	4.02	4.43	4.88
35 (1.67)	TCG	44.80	42.60	40.40	38.10	35.60	33.00	30.20	27.40
	SDT	69.90	79.20	88.50	97.80	107.10	116.30	125.60	134.70
	KW	2.43	2.73	3.03	3.35	3.69	4.07	4.48	4.94
40 (4.44)	TCG	49.60	47.20	44.80	42.20	39.60	36.70	33.80	30.70
	SDT	71.40	80.60	89.80	99.00	108.20	117.40	126.60	135.70
	KW	2.49	2.78	3.08	3.40	3.74	4.12	4.54	5.00
45 (7.22)	TCG	54.80	52.20	49.50	46.80	43.80	40.80	37.60	34.20
	SDT	73.00	82.10	91.20	100.30	109.50	118.60	127.60	136.60
	KW	2.54	2.83	3.13	3.45	3.79	4.17	4.59	5.06
50 (10.0)	TCG	60.40	57.60	54.60	51.60	48.40	45.10	41.60	38.00
	SDT	74.60	83.70	92.70	101.60	110.80	119.80	128.80	137.70
	KW	2.60	2.89	3.19	3.50	3.85	4.23	4.66	5.12
55 (12.78)	TCG	66.40	63.30	60.10	56.80	53.30	49.70	46.00	42.00
	SDT	76.40	85.30	94.10	103.10	112.10	121.10	130.00	138.80
	KW	2.67	2.95	3.24	3.56	3.91	4.30	4.72	5.19
60 (15.56)	TCG	72.80	69.40	65.90	62.30	58.60	54.70	50.60	46.20
	SDT	78.30	87.10	96.00	104.80	113.70	122.50	131.30	139.90
	KW	2.75	3.03	3.32	3.64	3.98	4.37	4.79	5.26
187BNA048 LO									
30 (-1.11)	TCG	27.40	26.00	24.50	23.00	21.30	19.60	17.70	15.70
	SDT	63.50	73.20	82.80	92.40	102.00	111.50	121.00	130.50
	KW	1.36	1.61	1.85	2.12	2.42	2.75	3.15	3.61
35 (1.67)	TCG	30.80	29.30	27.70	25.90	24.10	22.20	20.20	18.00
	SDT	64.60	74.10	83.70	93.30	102.80	112.30	121.70	131.20
	KW	1.36	1.59	1.84	2.10	2.39	2.72	3.10	3.56
40 (4.44)	TCG	34.60	32.90	31.10	29.20	27.20	25.10	22.80	20.50
	SDT	65.70	75.20	84.70	94.20	103.60	113.10	122.50	131.90
	KW	1.35	1.58	1.82	2.07	2.36	2.68	3.06	3.50
45 (7.22)	TCG	38.70	36.80	34.80	32.70	30.50	28.20	25.80	23.20
	SDT	66.90	76.30	85.80	95.20	104.60	113.90	123.30	132.60
	KW	1.35	1.58	1.81	2.05	2.33	2.65	3.02	3.45
50 (10.0)	TCG	43.10	41.00	38.70	36.40	34.00	31.50	28.90	26.10
	SDT	68.30	77.60	86.90	96.30	105.50	114.80	124.10	133.30
	KW	1.35	1.57	1.79	2.04	2.30	2.61	2.97	3.40
55 (12.78)	TCG	47.90	45.50	43.00	40.50	37.90	35.10	32.30	29.30
	SDT	69.70	78.90	88.10	97.40	106.60	115.80	125.00	134.10
	KW	1.36	1.57	1.79	2.02	2.28	2.58	2.93	3.35
60 (15.56)	TCG	53.00	50.40	47.70	44.90	42.00	39.00	35.90	32.60
	SDT	71.20	80.30	89.40	98.60	107.70	116.80	125.90	135.00
	KW	1.37	1.57	1.78	2.01	2.26	2.55	2.90	3.30

See notes on page 41

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)
187BNA060-A HI									
30 (-1.11)	TCG	52.30	49.80	47.20	44.50	41.60	38.60	35.40	32.00
	SDT	70.40	79.70	89.00	98.30	107.60	116.80	126.00	135.20
	KW	2.27	2.61	2.97	3.34	3.74	4.18	4.67	5.21
35 (1.67)	TCG	58.00	55.20	52.40	49.40	46.20	42.90	39.50	35.80
	SDT	72.00	81.20	90.40	99.60	108.80	117.90	127.00	136.10
	KW	2.33	2.67	3.02	3.40	3.80	4.24	4.73	5.27
40 (4.44)	TCG	64.10	61.10	57.90	54.70	51.20	47.70	43.90	39.90
	SDT	73.70	82.70	91.80	101.00	110.10	119.10	128.20	137.20
	KW	2.40	2.73	3.09	3.46	3.87	4.31	4.81	5.35
45 (7.22)	TCG	70.60	67.40	63.90	60.30	56.60	52.70	48.60	44.20
	SDT	75.40	84.20	93.30	102.20	111.50	120.50	129.40	138.20
	KW	2.47	2.80	3.15	3.52	3.94	4.39	4.88	5.42
50 (10.0)	TCG	77.70	74.10	70.30	66.40	62.30	58.10	53.60	48.80
	SDT	77.30	85.90	94.90	103.90	112.90	121.90	130.70	139.40
	KW	2.55	2.87	3.22	3.60	4.01	4.47	4.96	5.51
55 (12.78)	TCG	85.30	81.30	77.20	72.90	68.40	63.70	58.90	53.70
	SDT	79.30	88.10	96.90	105.70	114.50	123.20	132.00	140.70
	KW	2.64	2.96	3.31	3.69	4.10	4.55	5.05	5.60
60 (15.56)	TCG	93.30	89.00	84.40	79.70	74.90	69.70	64.40	58.70
	SDT	81.40	90.10	98.80	107.40	116.10	124.80	133.40	141.90
	KW	2.74	3.06	3.40	3.78	4.19	4.64	5.14	5.70
187BNA060-A LO									
30 (-1.11)	TCG	34.80	33.30	31.50	29.60	27.50	25.30	23.00	20.60
	SDT	64.40	74.00	83.60	93.10	102.70	112.20	121.60	131.10
	KW	1.65	1.96	2.27	2.60	2.98	3.41	3.90	4.49
35 (1.67)	TCG	39.00	37.30	35.30	33.20	30.90	28.50	25.90	23.30
	SDT	65.50	75.00	84.50	94.00	103.50	112.90	122.40	131.80
	KW	1.64	1.94	2.25	2.57	2.94	3.36	3.85	4.42
40 (4.44)	TCG	43.60	41.60	39.40	37.10	34.60	31.90	29.20	26.30
	SDT	66.70	76.10	85.60	95.00	104.40	113.80	123.20	132.50
	KW	1.64	1.93	2.23	2.55	2.90	3.31	3.79	4.35
45 (7.22)	TCG	48.50	46.30	43.90	41.30	38.50	35.60	32.60	29.40
	SDT	68.00	77.30	86.70	96.10	105.40	114.70	124.00	133.20
	KW	1.64	1.92	2.21	2.52	2.87	3.27	3.74	4.28
50 (10.0)	TCG	53.80	51.30	48.70	45.80	42.80	39.60	36.30	32.80
	SDT	69.30	78.60	87.90	97.20	106.40	115.60	124.80	134.00
	KW	1.64	1.91	2.20	2.50	2.84	3.23	3.68	4.22
55 (12.78)	TCG	59.50	56.70	53.80	50.70	47.40	43.90	40.20	36.30
	SDT	70.80	80.00	89.20	98.30	107.50	116.60	125.80	134.80
	KW	1.65	1.91	2.19	2.48	2.81	3.19	3.64	4.16
60 (15.56)	TCG	65.60	62.50	59.30	55.90	52.20	48.40	44.30	40.00
	SDT	72.30	81.40	90.50	99.60	108.60	117.70	126.70	135.70
	KW	1.66	1.92	2.18	2.47	2.79	3.16	3.59	4.10

* 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)

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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 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 and pressure tested.
- 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, including louvered coil guard, will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.

Fans

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

AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER

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2 TO 5 NOMINAL TONS

- 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.
- 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. This product is qualified for low ambient cooling operation (below 55°F/12.8°C) when used with an Infinity User Interface ONLY.
3. The maximum outdoor operating ambient in cooling mode is 125°F (51.67°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.

