

**PH13NB
PH13PB**

**13 SEER Split System Heat Pump
with R-410A Refrigerant
1.5 To 5 Nominal Tons**

Product Data



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.

FEATURES AND BENEFITS

AVAILABLE SIZES:

Nominal sizes are available from 018 through 060 to meet the needs of residential and light commercial applications.

PERFORMANCE:

All models are verified for efficiency and capacity by AHRI.

ELECTRICAL RANGE:

All units are offered in 208/230-1, single phase, with 208/230-3 three phase offered in models 048 - 060.

FAN MOTOR:

The totally enclosed fan motor provides greater reliability under adverse conditions and dependable performance for many years. The permanent split capacitor type motor was designed for optimum efficiency. The motor was then qualified under extreme conditions to help ensure a long, reliable life.

CABINET:

A weather protective cabinet of prepainted steel is protected underneath by a galvanized coating and treated with a layer of zinc phosphate for a finish that will last for many years. All screws on cabinet exterior are coated for a long-lasting, rust-resistant, quality appearance.

UNIT DESIGN:

The copper tube, enhanced sine wave, aluminum fin coil is designed for optimum heat transfer. Vertical air discharge carries sound and condenser air up and away from adjacent patio areas and foliage. The base pan is designed for easy removal of water, dirt, and leaves.

DEFROST CONTROL BOARD:

Incorporates defrost relay, defrost timer, and low voltage terminations. The defrost control is a time/temperature initiation/termination control which includes three field-selectable time periods of 30, 60 and 90 minutes.

COMPRESSOR:

Each compressor is protected with internal temperature- and current-sensitive overloads. An internal pressure relief valve provides high pressure protection to the refrigerant system. For improved serviceability, all models are equipped with a compressor terminal plug.

SERVICE VALVES:

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

SERVICEABILITY:

One access panel provides access to electrical controls. Removal of top gives access to fan motor, compressor, and condenser coil.

SPECIFICATIONS

UNIT SIZE – SERIES	018–A	024–A	030–A	036–A	042–A	048–A	060–A
ELECTRICAL							
Unit Volts—Phase—Hertz	208/230—1—60						
Operating Voltage Range	197—253						
Unit Ampacity for Wire Sizing (MCA)	12.9	16.8	21.1	22.0	26.3	28.7	34.3
Min Wire Size (60°C/75°C Copper) (AWG)*	14	12	10	10	8	8	8
Maximum Length (60°C/75°C) (Ft)†	61/58	74/70	95/91	91/86	115/109	107/102	89/84
Max Branch Circuit Fuse Size (Amps)‡	20	25	30	35	40	40	50
Compressor Rated Load Amps	9.9	12.8	16.0	16.7	19.9	21.8	26.3
Locked Rotor Amps	48.0	58.3	77.0	79.0	109.0	117.0	134.0
Fan Motor HP and RPM	1/12 & 1100	1/10 & 1100	1/5 & 1100	1/5 & 1100	1/4 & 1100	1/4 & 1100	1/4 & 1100
Full Load Amps	0.5	0.8	1.1	1.1	1.4	1.4	1.4
COMPRESSOR AND REFRIGERANT							
Compressor Type	Scroll						
Refrigerant Charge lb (kg)	4.46 (2.02)	5.11 (2.33)	5.83 (2.64)	6.06 (2.76)	7.95 (3.61)	9.82 (4.45)	10.44 (4.74)
REFRIGERANT TUBES							
Rated Vapor***	5/8	3/4	3/4	7/8	7/8	7/8	1—1/8
Liquid	3/8						
OUTDOOR COIL AND FAN							
Coil Face Area (Sq Ft)	9.8	11.2	15.0	17.2	17.2	15.0	17.2
Rated Airflow (CFM)	1800	2100	3000	3000	3400	3400	3400
OPTIONAL EQUIPMENT							
Time—Delay Relay	KAATD0101TDR						
Outdoor Thermostat	KHAOT0301FST						
Secondary Outdoor Thermostat	KHAOT0201SEC						
Cycle Protector	KSACY0101AAA						
Crankcase Heater	KAACH1201AAA						
Compressor Start Assist—Capacitor/Relay	KSAHS1501AAA						
Sound Hood	N/A						
TXV Kits (Hard Shutoff)	KSAHS1601AAA						
Low—Ambient Pressure Switch††	KSASH2101COP						
MotorMaster® Low—Ambient Controller††	KSATX0501PUR						
Ball Bearing Fan Motor	KSATX0301PUR						
Liquid Line Filter Drier (RCD)	KSALA0301410						
Evaporator Freeze Thermostat**	KSALA0601AAA						
Isolation Relay**	HC40GE226						
Liquid Solenoid Valve	KH43LZ073						
Thermostat, Manual Changeover, Non—Programmable, °F/°C, 2—Stage Heat, 1—Stage Cool	KAAFT0101AAA						
Thermostat, Auto Changeover, 7—Day Programmable, °F/°C, 1—Stage Heat, 1—Stage Cool	KHAIR0101AAA						
Outdoor Sensor (For Programmable Thermostat)	KHALS0401LLS						
Backplate for Non—Programmable Thermostat	TSTATPPBHP01—B						
Backplate for Programmable Thermostat	TSTATPPSHP01						
Backplate for Programmable Thermostat	TSTATXXSEN01—B						
Backplate for Programmable Thermostat	TSTATXXBBP01						
Backplate for Programmable Thermostat	TSTATXXBP01						

N/A — Not applicable in this application.

* The ampacity of non—metallic (NM) sheathed cable shall be that of 60° C (140° F) conductors per NEC 1999, Article 336—26. If wire used is other than specified in chart, refer to applicable tables available in 1999 NEC. Copper wire must be used from disconnect to unit.

† Length shown is as measured 1 way along the wire path between the unit and the service panel for a voltage drop not to exceed 2%.

‡ Units may use fuses or circuit breakers (U.S. only).

** Consult low—ambient control Installation Instructions for application.

†† Isolation relay required.

‡‡ Required accessories include fan motor with ball bearings, crankcase heater, compressor start assist, evaporator freeze stat, isolation relay, hard shut—off TXV or liquid line solenoid valve.

*** 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.

DIMENSIONS - ENGLISH

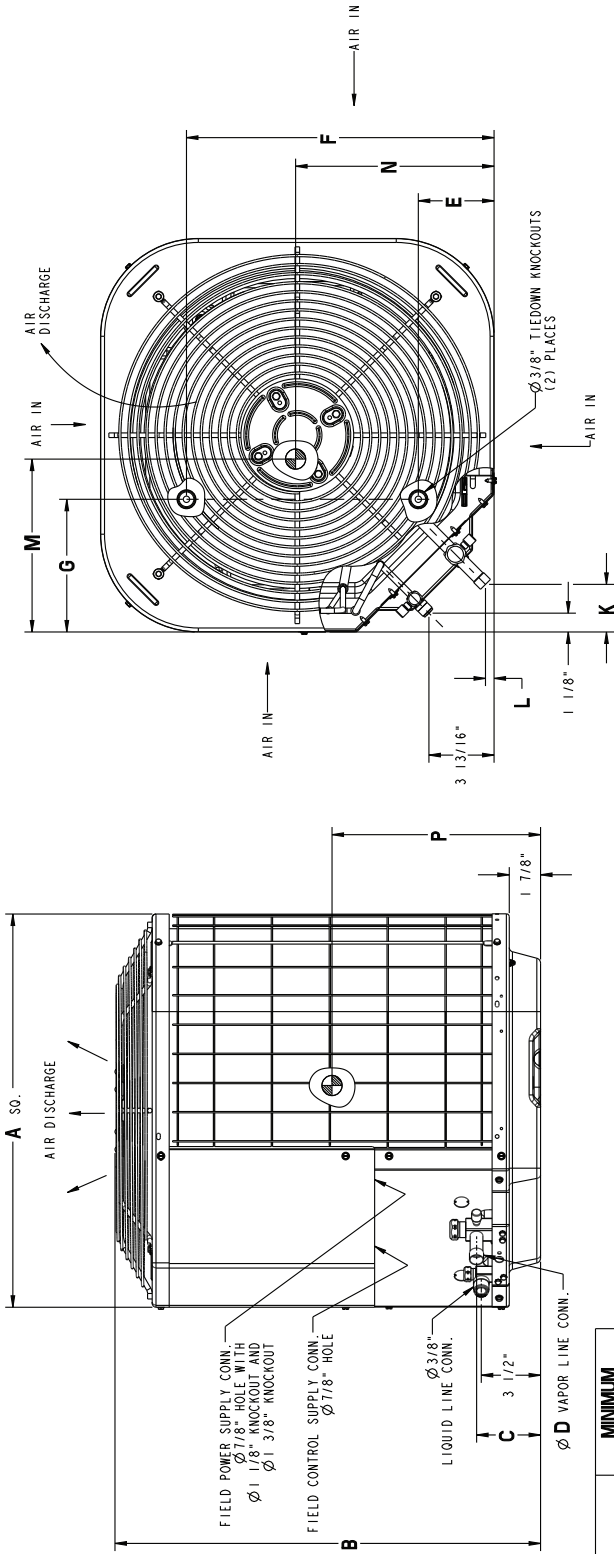
UNIT	SERIES	ELECTRICAL CHARACTERISTICS		A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT(LBS)	SHIPPING WEIGHT(LBS)	SHIPPING DIMENSIONS (L x W x H)	
PH13NB018	A	X	0	0	23 1/8"	28 7/16"	3 3/4"	5/8"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1 1/2"	11 1/2"	10 1/2"	11 1/2"	117	131	24 1/8" x 24 1/8" x 30 5/8"
PH13NB024	A	X	0	0	23 1/8"	31 13/16"	3 3/4"	3/4"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1 1/2"	11 1/2"	10 1/2"	12 1/2"	118	132	24 1/8" x 24 1/8" x 34"
PH13NB030	A	X	0	0	31 3/16"	28 7/16"	3 3/4"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	11 1/2"	132	147	32 3/16" x 32 3/16" x 30 5/8"
PH13NB036	A	X	0	0	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	12 1/2"	151	175	32 3/16" x 32 3/16" x 34"
PH13NB042	A	X	0	0	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	12 1/2"	182	205	32 3/16" x 32 3/16" x 34"
PH13NB048	A	X	0	0	31 3/16"	28 7/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	11 1/2"	198	220	220	32 3/16" x 32 3/16" x 30 5/8"
PH13NB060	A	X	0	0	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	12 1/2"	220	243	243	32 3/16" x 32 3/16" x 34"
PH13PB048	A	0	0	X	31 3/16"	28 7/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	11 1/2"	198	220	220	32 3/16" x 32 3/16" x 30 5/8"
PH13PB060	A	0	0	X	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	12 1/2"	220	243	243	32 3/16" x 32 3/16" x 34"

NOTES:

1. ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT.
48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE,
AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING
MODE IS 55°F., MAX. 125°F.
3. SERIES DESIGNATION IS THE 14TH POSITION OF THE
UNIT MODEL NUMBER.
4. CENTER OF GRAVITY .
5. ALL DIMENSIONS ARE IN "INCHES" UNLESS NOTED.

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
18, 24	23 1/2" X 23 1/2"
26	26" X 26"
30, 36, 42, 48, 60	31 1/2" X 31 1/2"
---	35" X 35"

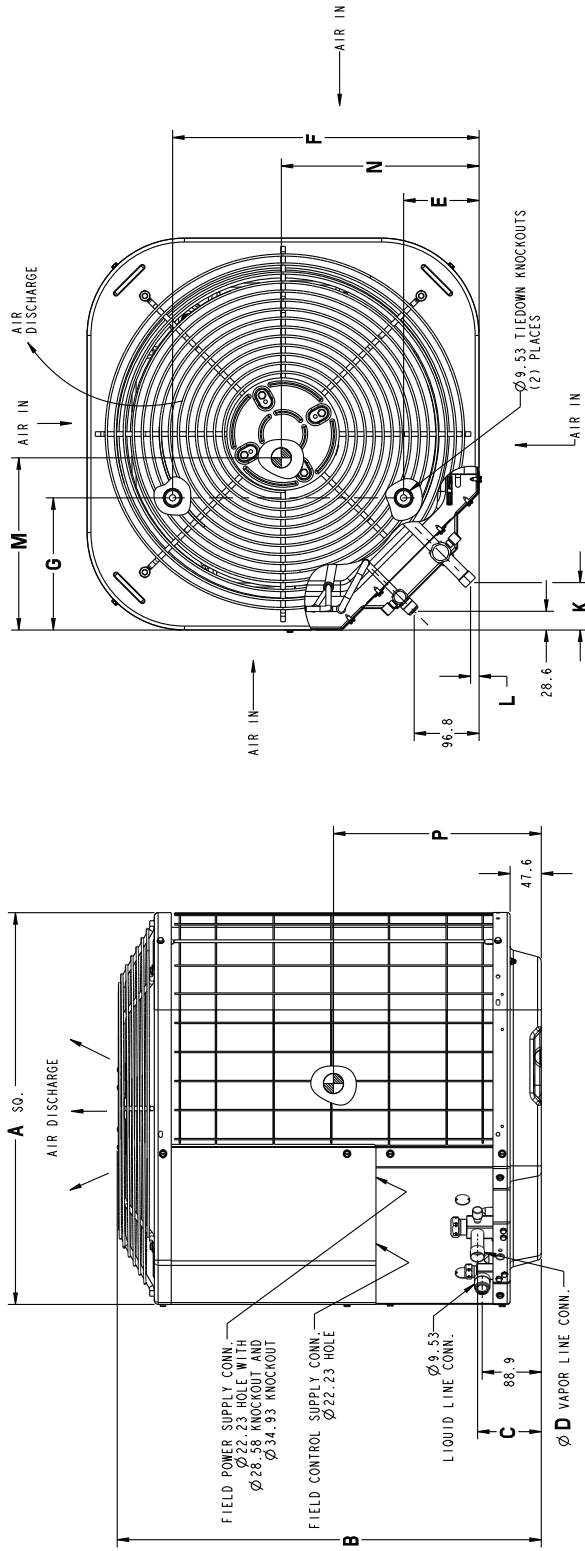
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DIMENSIONS - SI

208-230-160
230-160
208/230-3-60
460-3-60

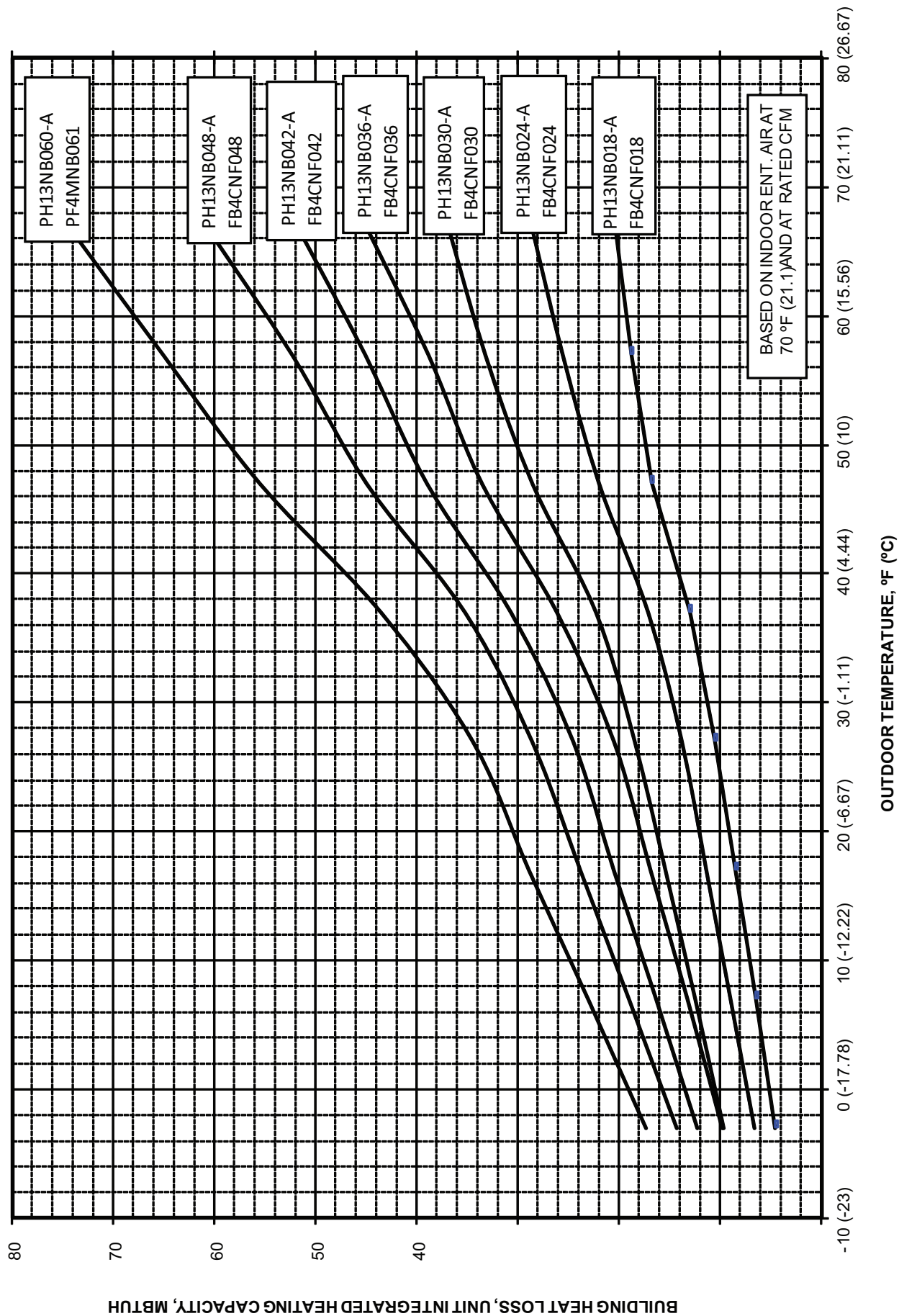
NOTES:

1. ALLOW 762.0 CLEARANCE TO SERVICE SIDE OF UNIT (219.2 ABOVE UNIT) 152.4 ON ONE SIDE - 304.8 ON REMAINING SIDE, AND 609.6 BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 13°C. MAX. 52°C.
3. SERIES DESIGNATION IS THE 14TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY 
5. ALL DIMENSIONS ARE IN "MM" UNLESS NOTED.

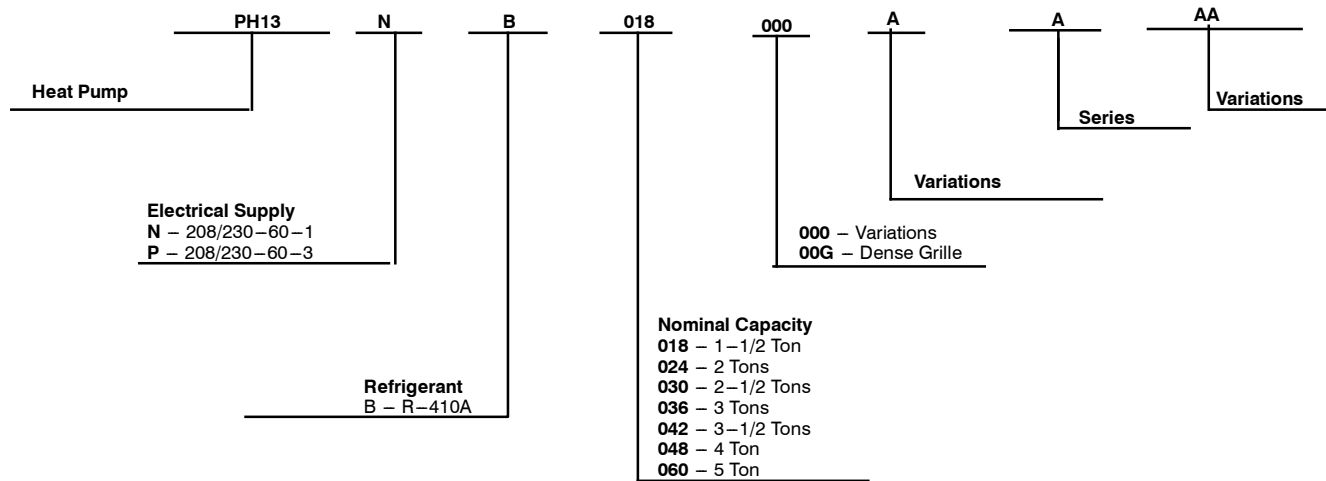


UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18,24	596.9 X 596.9
--	660.4 X 660.4
30,36,42,48,60	800.1 X 800.1
--	889.0 X 889.0

BALANCE POINT WORKSHEET



PRODUCT NUMBER NOMENCLATURE



PH13NB



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



ISO 9001
 QMI-SAI Global



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.



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 HP systems with R-410A refrigerant:

Vapor Line Sizing and Cooling Capacity Losses - R-410A® Refrigerant 1- Stage Heat Pump 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)								
			Standard Application		Long Line Application Requires Accessories						
			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)
18,000 1–Stage	3/8	1/2	1	2	3	4	6	7	8	9	10
		5/8	0	0	1	1	1	2	2	3	3
24,000 1–Stage	3/8	5/8	0	1	1	2	3	3	4	4	5
		3/4	0	0	0	0	1	1	1	1	1
30,000 1–Stage	3/8	5/8	1	2	3	3	4	5	6	7	8
		3/4	0	0	1	1	1	2	2	2	3
		7/8	0	0	0	0	1	1	1	1	1
36,000 1–Stage	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
42,000 1–Stage	3/8	3/4	0	1	2	2	3	4	4	5	6
		7/8	0	0	1	1	1	2	2	2	3
48,000 1–Stage	3/8	3/4	0	1	2	3	4	5	5	6	7
		7/8	0	0	1	1	2	2	2	3	3
60,000 1–Stage	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

Standard Length = 80 ft. (24.4 m) or less total equivalent length

Applications in this area are long line. Accessories are required as shown recommended on Long Line Application Guidelines

Applications in this area may have height restrictions that limit allowable total equivalent length, when outdoor unit is below indoor unit. See Long Line Application Guidelines

REFRIGERANT PIPING LENGTH LIMITATIONS

Maximum Line Lengths:

The maximum allowable total equivalent length for heat pumps varies depending on the vertical separation. See the tables below for allowable lengths depending on whether the outdoor unit is on the same level, above or below the indoor unit.

Maximum Line Lengths for Heat Pump Applications

	MAXIMUM ACTUAL LENGTH ft (m)	MAXIMUM EQUIVALENT LENGTH† ft (m)	MAXIMUM VERTICAL SEPARATION ft (m)
Units on equal level	200 (61)	250 (76.2)	N/A
Outdoor unit ABOVE indoor unit	200 (61)	250 (76.2)	200 (61)
Outdoor unit BELOW indoor unit	See Table 'Maximum Total Equivalent Length: Outdoor Unit BELOW Indoor Unit'		

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

Maximum Total Equivalent Length† - Outdoor Unit BELOW Indoor Unit

Size	Liquid Line Diameter w/ TXV	HP with R-410A® Refrigerant – Maximum Total Equivalent Length† Vertical Separation ft (m) Outdoor unit BELOW indoor unit;						
		0–20 (0 – 6.1)	21–30 (6.4 – 9.1)	31–40 (9.4 – 12.2)	41–50 (12.5 – 15.2)	51–60 (15.5 – 18.3)	61–70 (18.6 – 21.3)	71–80 (21.6 – 24.4)
018 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
024 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
030 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
036 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
042 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	150
048 HP with R-410A	3/8	250*	250*	250*	250*	230	160	--
060 HP with R-410A	3/8	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

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. 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 Heat Pump systems, the chart below shows when an application is considered Long Line. Beyond these lengths, long line accessories are required:

HP WITH R-410A® 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
3/8	80 (24.4)	20 (6.1) vertical or 80 (24.4) total	80 (24.4)

Note: See Long Line Guideline for details

SOUND POWER

UNIT SIZE – SERIES	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018–A	76	50.5	58.5	64.5	66.0	64.0	57.5	52.0
024–A	76	51.5	59.5	66.5	67.5	65.5	61.0	55.5
030–A	77	55.0	65.0	71.0	71.5	67.5	62.0	54.5
036–A	78	57.5	66.0	71.5	73.5	70.5	67.0	60.0
042–A	80	57.5	66.0	72.0	73.0	71.0	66.5	61.0
048–A	80	59.0	64.5	69.5	69.5	67.0	63.5	60.0
060–A	80	62.5	69.5	72.0	74.5	72.5	69.5	67.0

Note: Tested in accordance with AHRI standard 270.95 (Not listed with AHRI)

METERING DEVICE

UNIT SIZE – SERIES	OUTDOOR PISTON	REQUIRED TXV SUBCOOLING °F (°C)	INDOOR METERING DEVICE
018–A	42	13 (7.2)	49
024–A	49	13 (7.2)	57
030–A	55	9 (5.0)	67
036–A	57	9 (5.0)	73
042–A	63	13 (7.2)	76
048–A	65	13 (7.2)	82
060–A	76	18 (10.0)	TXV*

* TXV must be ordered separately when indoor coil is not equipped with a TXV. TXV must be hard-shutoff type.

RECOMMENDED TUBE DIAMETERS

UNIT SIZE	LIQUID TUBE DIAMETER (In.)	VAPOR TUBE DIAMETER (In.)
018	3/8	5/8
024, 030		3/4
036, 042, 048		7/8
060		1 – 1/8

* For tube set over 80 ft / 24.38 m horizontal and/or 20 ft / 6.10 m vertical differential, consult Residential Split System Long Line Application Guidelines.

COMBINATION RATINGS

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212293	PH13NB018****A	†FB4CNF018		17,400	11.0	13.0	16,800	3.60	7.7	9,400	2.24
5212295	PH13NB018****A	CAP**2414A**	PG8*EA024045	18,000	11.7	13.2	16,500	3.64	7.8	9,400	2.28
5212312	PH13NB018****A	CAP**2414A**	PG8*VA036070	17,800	11.7	13.2	16,500	3.54	7.7	9,200	2.24
5212315	PH13NB018****A	CAP**2417A**	PG8*VA048090	17,900	11.7	13.2	16,500	3.58	7.7	9,200	2.26
5212313	PH13NB018****A	CAP**2417A**	PG96VA*42060B***	18,000	11.7	13.2	16,500	3.66	7.8	9,400	2.28
5212314	PH13NB018****A	CAP**2417A**	PG96VA*48080B***	18,000	11.7	13.5	16,500	3.70	7.8	9,400	2.30
5212297	PH13NB018****A	CAP**2417A**	PG9MXA036060	18,000	12.0	13.5	16,500	3.70	7.8	9,400	2.32
5212296	PH13NB018****A	CAP**2417A**	PG9UAA042060	17,900	11.7	13.2	16,500	3.56	7.7	9,200	2.24
5212302	PH13NB018****A	CNPH*2417A**	PG8*EA024045	18,000	11.7	13.2	16,600	3.66	7.8	9,400	2.28
5212323	PH13NB018****A	CNPH*2417A**	PG8*VA048090	17,900	11.7	13.2	16,600	3.60	7.7	9,300	2.26
5212321	PH13NB018****A	CNPH*2417A**	PG96VA*42060B***	18,000	11.7	13.2	16,600	3.64	7.8	9,400	2.26
5212322	PH13NB018****A	CNPH*2417A**	PG96VA*48080B***	18,000	11.7	13.2	16,600	3.68	7.8	9,400	2.28
5212303	PH13NB018****A	CNPH*2417A**	PG9MXA036060	18,000	11.7	13.5	16,600	3.68	7.8	9,300	2.30
5212298	PH13NB018****A	CNPV*1814A**	PG8*EA024045	17,900	11.5	13.0	16,800	3.60	7.7	9,400	2.24
5212316	PH13NB018****A	CNPV*1814A**	PG8*VA036070	17,700	11.5	13.0	16,700	3.54	7.7	9,300	2.22
5212299	PH13NB018****A	CNPV*2414A**	PG8*EA024045	18,000	11.7	13.2	16,600	3.66	7.8	9,400	2.28
5212317	PH13NB018****A	CNPV*2414A**	PG8*VA036070	17,900	11.7	13.2	16,600	3.58	7.7	9,300	2.24
5212320	PH13NB018****A	CNPV*2417A**	PG8*VA048090	17,900	11.7	13.2	16,600	3.60	7.7	9,300	2.26
5212318	PH13NB018****A	CNPV*2417A**	PG96VA*42060B***	18,000	11.7	13.2	16,600	3.64	7.8	9,400	2.26
5212319	PH13NB018****A	CNPV*2417A**	PG96VA*48080B***	18,000	11.7	13.2	16,600	3.68	7.8	9,400	2.28
5212301	PH13NB018****A	CNPV*2417A**	PG9MXA036060	18,000	11.7	13.5	16,600	3.68	7.8	9,300	2.30
5212300	PH13NB018****A	CNPV*2417A**	PG9UAA042060	17,900	11.7	13.2	16,600	3.60	7.7	9,300	2.26
5212304	PH13NB018****A	CSPH*2412A**	PG8*EA024045	18,000	11.7	13.2	16,300	3.60	7.7	9,400	2.28
5212329	PH13NB018****A	CSPH*2412A**	PG8*VA036070	18,000	11.7	13.2	16,300	3.54	7.7	9,300	2.24
5212330	PH13NB018****A	CSPH*2412A**	PG8*VA048090	18,000	11.7	13.2	16,300	3.56	7.7	9,300	2.26
5212324	PH13NB018****A	CSPH*2412A**	PG96VA*42060B***	18,000	11.7	13.2	16,300	3.54	7.7	9,300	2.24
5212325	PH13NB018****A	CSPH*2412A**	PG96VA*48080B***	18,000	11.7	13.2	16,300	3.60	7.7	9,300	2.26
5212326	PH13NB018****A	CSPH*2412A**	PG96VA*60080C***	18,000	11.7	13.5	16,200	3.64	7.8	9,400	2.30
5212327	PH13NB018****A	CSPH*2412A**	PG96VA*60100C***	18,000	11.7	13.5	16,200	3.66	7.8	9,400	2.30
5212328	PH13NB018****A	CSPH*2412A**	PG96VA*66120D***	18,000	11.7	13.2	16,200	3.64	7.8	9,400	2.30
5212305	PH13NB018****A	CSPH*2412A**	PG9MXA036060	18,000	11.7	13.5	16,200	3.58	7.7	9,300	2.26
5212294	PH13NB018****A	FB4CNF024		17,400	11.0	13.0	16,800	3.60	7.7	9,400	2.24
5212308	PH13NB018****A	FF1ENP019		18,000	11.5	13.0	16,800	3.58	7.7	9,500	2.24
5212309	PH13NB018****A	FF1ENP025		18,000	11.7	13.2	16,300	3.62	7.8	9,400	2.30
5212310	PH13NB018****A	PF4MNA019		18,000	11.5	13.0	16,800	3.60	7.7	9,400	2.24
5212311	PH13NB018****A	PF4MNA025		18,000	11.7	13.2	16,300	3.60	7.7	9,400	2.28
5212306	PH13NB018****A	PF4MNB019		18,000	12.0	13.5	16,100	3.64	7.8	9,400	2.32
5212307	PH13NB018****A	PF4MNB025		18,000	11.7	13.5	16,100	3.64	7.8	9,400	2.30
5212331	PH13NB024****A	†FB4CNF024		23,400	11.0	13.0	22,000	3.48	7.7	13,000	2.28
5212333	PH13NB024****A	CAP**2414A**	PG8*EA024045	24,000	11.5	13.5	22,000	3.54	7.7	12,900	2.32
5212375	PH13NB024****A	CAP**2414A**	PG8*VA036070	24,000	11.7	13.5	21,800	3.50	7.7	12,700	2.30
5212378	PH13NB024****A	CAP**2417A**	PG8*VA048090	24,000	11.7	13.7	21,800	3.54	7.7	12,700	2.34
5212334	PH13NB024****A	CAP**2417A**	PG95XA*42060B***	24,000	11.7	13.5	21,800	3.52	7.7	12,800	2.32
5212376	PH13NB024****A	CAP**2417A**	PG96VA*42060B***	24,000	11.7	13.5	21,800	3.50	7.7	12,800	2.32
5212377	PH13NB024****A	CAP**2417A**	PG96VA*48080B***	24,000	11.7	13.7	21,800	3.54	7.7	12,800	2.32
5212336	PH13NB024****A	CAP**2417A**	PG9MXA036060	24,000	11.7	13.7	22,200	3.68	7.8	12,900	2.38
5212337	PH13NB024****A	CAP**2417A**	PG9MXA036080	24,000	11.7	13.7	22,000	3.64	7.8	12,900	2.38
5212335	PH13NB024****A	CAP**2417A**	PG9UAA042060	24,000	11.7	13.7	22,000	3.60	7.8	12,800	2.36
5212338	PH13NB024****A	CAP**3014A**	PG8*EA024045	24,000	11.7	13.5	22,000	3.60	7.8	12,900	2.34
5212379	PH13NB024****A	CAP**3014A**	PG8*VA036070	24,000	11.7	13.7	21,800	3.54	7.7	12,700	2.32
5212382	PH13NB024****A	CAP**3017A**	PG8*VA048090	24,000	11.7	13.7	21,800	3.58	7.8	12,700	2.36
5212339	PH13NB024****A	CAP**3017A**	PG95XA*42060B***	24,000	11.7	13.7	22,000	3.60	7.8	12,800	2.34
5212380	PH13NB024****A	CAP**3017A**	PG96VA*42060B***	24,000	11.7	13.7	22,000	3.58	7.7	12,800	2.34
5212381	PH13NB024****A	CAP**3017A**	PG96VA*48080B***	24,000	11.7	13.7	22,000	3.62	7.8	12,800	2.36
5212341	PH13NB024****A	CAP**3017A**	PG9MXA036060	24,000	12.0	13.7	22,000	3.74	8.0	13,000	2.42
5212342	PH13NB024****A	CAP**3017A**	PG9MXA036080	24,000	12.0	13.7	22,000	3.70	8.0	12,900	2.40
5212340	PH13NB024****A	CAP**3017A**	PG9UAA042060	24,000	12.0	13.7	22,000	3.66	7.8	12,800	2.38
5212354	PH13NB024****A	CNPH*2417A**	PG8*EA024045	24,000	11.5	13.5	22,000	3.56	7.7	12,900	2.32
5212393	PH13NB024****A	CNPH*2417A**	PG8*VA048090	24,000	11.7	13.7	21,800	3.58	7.7	12,800	2.34
5212353	PH13NB024****A	CNPH*2417A**	PG95XA*42060B***	24,000	11.5	13.5	21,800	3.52	7.7	12,800	2.30
5212391	PH13NB024****A	CNPH*2417A**	PG96VA*42060B***	23,800	11.5	13.5	21,800	3.50	7.7	12,800	2.30
5212392	PH13NB024****A	CNPH*2417A**	PG96VA*48080B***	24,000	11.7	13.5	21,800	3.54	7.7	12,800	2.32
5212355	PH13NB024****A	CNPH*2417A**	PG9MXA036060	24,000	11.7	13.7	22,200	3.66	7.8	12,900	2.36
5212356	PH13NB024****A	CNPH*2417A**	PG9MXA036080	24,000	11.7	13.7	22,000	3.64	7.8	12,900	2.36
5212358	PH13NB024****A	CNPH*3017A**	PG8*EA024045	24,000	11.7	13.7	22,000	3.64	7.8	12,900	2.36
5212396	PH13NB024****A	CNPH*3017A**	PG8*VA048090	24,000	12.0	13.7	21,800	3.60	7.8	12,700	2.36
5212357	PH13NB024****A	CNPH*3017A**	PG95XA*42060B***	24,000	11.7	13.7	22,000	3.60	7.8	12,800	2.34
5212394	PH13NB024****A	CNPH*3017A**	PG96VA*42060B***	24,000	11.7	13.7	22,000	3.58	7.7	12,800	2.34
5212395	PH13NB024****A	CNPH*3017A**	PG96VA*48080B***	24,000	11.7	13.7	22,000	3.62	7.8	12,800	2.36
5212359	PH13NB024****A	CNPH*3017A**	PG9MXA036060	24,000	12.0	13.7	22,000	3.74	8.0	13,000	2.42
5212360	PH13NB024****A	CNPH*3017A**	PG9MXA036080	24,000	12.0	13.7	22,000	3.70	8.0	12,900	2.40
5212343	PH13NB024****A	CNPV*2414A**	PG8*EA024045	24,000	11.5	13.5	22,000	3.56	7.7	12,900	2.32
5212383	PH13NB024****A	CNPV*2414A**	PG8*VA036070	24,000	11.7	13.5	21,800	3.54	7.7	12,800	2.32
5212386	PH13NB024****A	CNPV*2417A**	PG8*VA048090	24,000	11.7	13.7	21,800	3.58	7.7	12,800	2.34
5212344	PH13NB024****A	CNPV*2417A**	PG95XA*42060B***	24,000	11.5	13.5	21,800	3.52	7.7	12,800	2.30
5212384	PH13NB024****A	CNPV*2417A**	PG96VA*42060B***	23,800	11.5	13.5	21,800	3.50	7.7	12,800	2.30
5212385	PH13NB024****A	CNPV*2417A**	PG96VA*48080B***	24,000	11.7	13.5	21,800	3.54	7.7	12,800	2.32

PH13NB

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212346	PH13NB024****A	CNPV*2417A**	PG9MXA036060	24,000	11.7	13.7	22,200	3.66	7.8	12,900	2.36
5212347	PH13NB024****A	CNPV*2417A**	PG9MXA036080	24,000	11.7	13.7	22,000	3.64	7.8	12,900	2.36
5212345	PH13NB024****A	CNPV*2417A**	PG9UAA042060	24,000	11.7	13.5	22,200	3.64	7.8	12,900	2.36
5212348	PH13NB024****A	CNPV*3014A**	PG8*EA024045	24,000	11.7	13.5	22,000	3.58	7.8	12,900	2.34
5212387	PH13NB024****A	CNPV*3014A**	PG8*VA036070	24,000	11.7	13.7	21,800	3.54	7.7	12,800	2.32
5212390	PH13NB024****A	CNPV*3017A**	PG8*VA048090	24,000	12.0	13.7	21,800	3.60	7.8	12,700	2.36
5212349	PH13NB024****A	CNPV*3017A**	PG95XA*42060B***	24,000	11.7	13.7	22,000	3.60	7.8	12,800	2.34
5212388	PH13NB024****A	CNPV*3017A**	PG96VA*42060B***	24,000	11.7	13.7	22,000	3.58	7.7	12,800	2.34
5212389	PH13NB024****A	CNPV*3017A**	PG96VA*48080B***	24,000	11.7	13.7	22,000	3.62	7.8	12,800	2.36
5212351	PH13NB024****A	CNPV*3017A**	PG9MXA036060	24,000	12.0	13.7	22,000	3.74	8.0	13,000	2.42
5212352	PH13NB024****A	CNPV*3017A**	PG9MXA036080	24,000	12.0	13.7	22,000	3.70	8.0	12,900	2.40
5212350	PH13NB024****A	CNPV*3017A**	PG9UAA042060	24,000	11.7	13.7	22,000	3.66	7.8	12,800	2.38
5212362	PH13NB024****A	CSPH*2412A**	PG8*EA024045	24,000	11.7	13.5	22,000	3.56	7.7	12,900	2.32
5212401	PH13NB024****A	CSPH*2412A**	PG8*VA036070	24,000	11.7	13.5	22,000	3.54	7.7	12,800	2.32
5212402	PH13NB024****A	CSPH*2412A**	PG8*VA048090	24,000	11.7	13.7	22,000	3.58	7.7	12,800	2.34
5212403	PH13NB024****A	CSPH*2412A**	PG8*VA060110	24,000	11.7	13.5	22,000	3.56	7.7	12,900	2.32
5212404	PH13NB024****A	CSPH*2412A**	PG8*VA066135	24,000	11.7	13.7	22,000	3.56	7.7	12,800	2.34
5212361	PH13NB024****A	CSPH*2412A**	PG95XA*42060B***	24,000	11.7	13.5	21,800	3.50	7.7	12,800	2.30
5212397	PH13NB024****A	CSPH*2412A**	PG96VA*42060B***	24,000	11.5	13.5	21,800	3.48	7.7	12,800	2.30
5212398	PH13NB024****A	CSPH*2412A**	PG96VA*48080B***	24,000	11.7	13.5	21,800	3.52	7.7	12,800	2.32
5212399	PH13NB024****A	CSPH*2412A**	PG96VA*60100C***	24,000	11.7	13.7	21,800	3.48	7.7	12,700	2.30
5212400	PH13NB024****A	CSPH*2412A**	PG96VA*66120D***	24,000	11.7	13.7	21,800	3.50	7.7	12,700	2.32
5212363	PH13NB024****A	CSPH*2412A**	PG9MXA036060	24,000	11.7	13.7	22,200	3.66	7.8	12,900	2.36
5212364	PH13NB024****A	CSPH*2412A**	PG9MXA036080	24,000	11.7	13.7	22,000	3.62	7.8	12,900	2.36
5212366	PH13NB024****A	CSPH*3012A**	PG8*EA024045	24,000	11.7	13.7	22,200	3.64	7.8	12,900	2.36
5212410	PH13NB024****A	CSPH*3012A**	PG8*VA036070	24,000	11.7	13.7	22,000	3.58	7.7	12,800	2.34
5212411	PH13NB024****A	CSPH*3012A**	PG8*VA048090	24,000	12.0	13.7	22,000	3.62	7.8	12,800	2.36
5212412	PH13NB024****A	CSPH*3012A**	PG8*VA060110	24,000	11.7	13.7	22,000	3.62	7.8	12,800	2.36
5212413	PH13NB024****A	CSPH*3012A**	PG8*VA066135	24,000	11.7	13.7	22,000	3.62	7.8	12,800	2.36
5212365	PH13NB024****A	CSPH*3012A**	PG95XA*42060B***	24,000	11.7	13.7	22,000	3.60	7.8	12,800	2.34
5212405	PH13NB024****A	CSPH*3012A**	PG96VA*42060B***	24,000	11.7	13.7	22,000	3.58	7.7	12,800	2.34
5212406	PH13NB024****A	CSPH*3012A**	PG96VA*48080B***	24,000	11.7	13.7	22,000	3.62	7.8	12,800	2.36
5212407	PH13NB024****A	CSPH*3012A**	PG96VA*60080C***	24,000	11.7	13.7	22,000	3.64	7.8	12,800	2.36
5212408	PH13NB024****A	CSPH*3012A**	PG96VA*60100C***	24,000	11.7	13.7	22,000	3.68	7.8	12,900	2.38
5212409	PH13NB024****A	CSPH*3012A**	PG96VA*66120D***	24,000	11.7	13.7	22,000	3.64	7.8	12,800	2.36
5212367	PH13NB024****A	CSPH*3012A**	PG9MXA036060	24,000	12.0	13.7	22,200	3.76	8.0	13,000	2.40
5212368	PH13NB024****A	CSPH*3012A**	PG9MXA036080	24,000	12.0	13.7	22,000	3.72	8.0	12,900	2.40
5212332	PH13NB024****A	FB4CNF030		24,000	11.5	13.5	22,000	3.64	7.7	13,000	2.36
5212371	PH13NB024****A	FF1ENP025		24,000	11.5	13.2	22,200	3.56	7.7	13,100	2.32
5212372	PH13NB024****A	FF1ENP031		24,000	11.3	13.2	22,200	3.58	7.7	13,100	2.32
5212373	PH13NB024****A	PF4MNA025		24,000	11.5	13.2	22,200	3.54	7.7	13,000	2.32
5212374	PH13NB024****A	PF4MNA031		24,000	11.7	13.7	22,200	3.66	7.8	13,000	2.38
5212369	PH13NB024****A	PF4MNB025		24,000	11.7	13.5	22,200	3.66	7.8	13,000	2.36
5212370	PH13NB024****A	PF4MNB031		24,000	11.5	13.2	22,200	3.64	7.8	13,200	2.36
5212414	PH13NB030****A	†FB4CNF030		28,600	11.0	13.0	28,600	3.50	7.7	17,700	2.34
5212419	PH13NB030****A	CAP**3017A**	PG8*EA048070	30,000	11.3	13.2	29,600	3.46	7.7	17,600	2.34
5212486	PH13NB030****A	CAP**3017A**	PG8*VA048090	29,800	11.5	13.5	29,800	3.44	7.7	17,200	2.36
5212416	PH13NB030****A	CAP**3017A**	PG95XA*42060B***	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212417	PH13NB030****A	CAP**3017A**	PG95XA*48080B***	30,000	11.3	13.2	29,800	3.50	7.7	17,700	2.36
5212484	PH13NB030****A	CAP**3017A**	PG96VA*42060B***	29,800	11.3	13.2	29,600	3.42	7.7	17,500	2.34
5212485	PH13NB030****A	CAP**3017A**	PG96VA*48080B***	30,000	11.3	13.2	29,600	3.46	7.7	17,400	2.36
5212420	PH13NB030****A	CAP**3017A**	PG9MXA036060	30,000	11.5	13.5	29,600	3.54	7.8	17,500	2.40
5212421	PH13NB030****A	CAP**3017A**	PG9MXA036080	30,000	11.5	13.5	29,600	3.50	7.7	17,400	2.38
5212422	PH13NB030****A	CAP**3017A**	PG9MXA048080	30,000	11.5	13.5	29,800	3.56	7.8	17,600	2.40
5212418	PH13NB030****A	CAP**3017A**	PG9UAA042060	30,000	11.5	13.5	29,400	3.48	7.7	17,400	2.36
5212487	PH13NB030****A	CAP**3614A**	PG8*VA036070	29,800	11.3	13.2	29,400	3.44	7.7	17,400	2.34
5212426	PH13NB030****A	CAP**3617A**	PG8*EA048070	30,000	11.3	13.2	29,800	3.50	7.7	17,600	2.36
5212490	PH13NB030****A	CAP**3617A**	PG8*VA048090	30,000	11.5	13.5	29,400	3.48	7.7	17,300	2.36
5212423	PH13NB030****A	CAP**3617A**	PG95XA*42060B***	30,000	11.3	13.2	29,800	3.50	7.7	17,600	2.36
5212424	PH13NB030****A	CAP**3617A**	PG95XA*48080B***	30,000	11.3	13.2	30,000	3.54	7.8	17,700	2.38
5212488	PH13NB030****A	CAP**3617A**	PG96VA*42060B***	30,000	11.3	13.2	29,600	3.46	7.7	17,500	2.34
5212489	PH13NB030****A	CAP**3617A**	PG96VA*48080B***	30,000	11.5	13.2	29,600	3.48	7.7	17,500	2.36
5212427	PH13NB030****A	CAP**3617A**	PG9MXA036060	30,000	11.5	13.5	29,800	3.58	7.8	17,500	2.40
5212428	PH13NB030****A	CAP**3617A**	PG9MXA036080	30,000	11.5	13.5	29,600	3.56	7.8	17,400	2.40
5212429	PH13NB030****A	CAP**3617A**	PG9MXA048080	30,000	11.5	13.5	29,800	3.60	7.8	17,600	2.40
5212425	PH13NB030****A	CAP**3617A**	PG9UAA042060	30,000	11.5	13.5	29,600	3.52	7.7	17,400	2.38
5212433	PH13NB030****A	CAP**3621A**	PG8*EA048090	30,000	11.5	13.5	29,800	3.58	7.8	17,500	2.40
5212493	PH13NB030****A	CAP**3621A**	PG8*VA060110	30,000	11.5	13.5	29,400	3.50	7.7	17,300	2.38
5212491	PH13NB030****A	CAP**3621A**	PG96VA*60080C***	30,000	11.7	13.5	29,600	3.54	7.8	17,400	2.40
5212492	PH13NB030****A	CAP**3621A**	PG96VA*60100C***	30,000	11.7	13.7	29,400	3.50	7.7	17,300	2.38
5212430	PH13NB030****A	CAP**3621A**	PG9UAA042080	29,800	11.5	13.5	29,400	3.44	7.7	17,300	2.36
5212431	PH13NB030****A	CAP**3621A**	PG9UAA060080	30,000	11.5	13.5	29,400	3.46	7.7	17,300	2.36
5212432	PH13NB030****A	CAP**3621A**	PG9UAA060100	29,800	11.5	13.5	29,200	3.42	7.7	17,200	2.34
5212452	PH13NB030****A	CNPH*3017A**	PG8*EA048070	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212453	PH13NB030****A	CNPH*3017A**	PG8*EA048090	30,000	11.5	13.2	29,600	3.48	7.7	17,500	2.36
5212502	PH13NB030****A	CNPH*3017A**	PG8*VA048090	30,000	11.5	13.5	29,400	3.46	7.7	17,300	2.36
5212450	PH13NB030****A	CNPH*3017A**	PG95XA*42060B***	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212451	PH13NB030****A	CNPH*3017A**	PG95XA*48080B***	30,000	11.3	13.2	29,800	3.50	7.7	17,700	2.36
5212501	PH13NB030****A	CNPH*3017A**	PG96VA*48080B***	30,000	11.3	13.2	29,600	3.46	7.7	17,400	2.36
5212454	PH13NB030****A	CNPH*3017A**	PG9MXA036060	30,000	11.5	13.5	29,600	3.52	7.8	17,500	2.38
5212455	PH13NB030****A	CNPH*3017A**	PG9MXA036080	30,000	11.5	13.5	29,600	3.50	7.7	17,400	2.38
5212456	PH13NB030****A	CNPH*3017A**	PG9MXA048080	30,000	11.5	13.2	29,800	3.56	7.8	17,600	2.38
5212459	PH13NB030****A	CNPH*3617A**	PG8*EA048070	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212460	PH13NB030****A	CNPH*3617A**	PG8*EA048090	30,000	11.5	13.2	29,600	3.48	7.7	17,500	2.36
5212504	PH13NB030****A	CNPH*3617A**	PG8*VA048090	30,000	11.5	13.5	29,400	3.46	7.7	17,300	2.36
5212457	PH13NB030****A	CNPH*3617A**	PG95XA*42060B***	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212458	PH13NB030****A	CNPH*3617A**	PG95XA*48080B***	30,000	11.3	13.2	29,800	3.50	7.7	17,700	2.36
5212503	PH13NB030****A	CNPH*3617A**	PG96VA*48080B***	30,000	11.3	13.2	29,600	3.46	7.7	17,400	2.36
5212461	PH13NB030****A	CNPH*3617A**	PG9MXA036060	30,000	11.5	13.5	29,600	3.52	7.8	17,500	2.38
5212462	PH13NB030****A	CNPH*3617A**	PG9MXA036080	30,000	11.5	13.5	29,600	3.50	7.7	17,400	2.38
5212463	PH13NB030****A	CNPH*3617A**	PG9MXA048080	30,000	11.5	13.2	29,800	3.56	7.8	17,600	2.38
5212437	PH13NB030****A	CNPV*3017A**	PG8*EA048070	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212495	PH13NB030****A	CNPV*3017A**	PG8*VA048090	30,000	11.5	13.5	29,400	3.46	7.7	17,300	2.36
5212434	PH13NB030****A	CNPV*3017A**	PG95XA*42060B***	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212435	PH13NB030****A	CNPV*3017A**	PG95XA*48080B***	30,000	11.3	13.2	29,800	3.50	7.7	17,700	2.36
5212494	PH13NB030****A	CNPV*3017A**	PG96VA*48080B***	30,000	11.3	13.2	29,600	3.46	7.7	17,400	2.36
5212438	PH13NB030****A	CNPV*3017A**	PG9MXA036060	30,000	11.5	13.5	29,600	3.52	7.8	17,500	2.38
5212439	PH13NB030****A	CNPV*3017A**	PG9MXA036080	30,000	11.5	13.5	29,600	3.50	7.7	17,400	2.38
5212440	PH13NB030****A	CNPV*3017A**	PG9MXA048080	30,000	11.5	13.2	29,800	3.56	7.8	17,600	2.38
5212436	PH13NB030****A	CNPV*3017A**	PG9UAA042060	30,000	11.5	13.5	29,400	3.48	7.7	17,400	2.36
5212444	PH13NB030****A	CNPV*3617A**	PG8*EA048070	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212497	PH13NB030****A	CNPV*3617A**	PG8*VA048090	30,000	11.5	13.5	29,400	3.46	7.7	17,300	2.36
5212441	PH13NB030****A	CNPV*3617A**	PG95XA*42060B***	30,000	11.3	13.2	29,800	3.46	7.7	17,600	2.34
5212442	PH13NB030****A	CNPV*3617A**	PG95XA*48080B***	30,000	11.3	13.2	29,800	3.50	7.7	17,700	2.36
5212496	PH13NB030****A	CNPV*3617A**	PG96VA*48080B***	30,000	11.3	13.2	29,600	3.46	7.7	17,400	2.36
5212445	PH13NB030****A	CNPV*3617A**	PG9MXA036060	30,000	11.5	13.5	29,600	3.52	7.8	17,500	2.38
5212446	PH13NB030****A	CNPV*3617A**	PG9MXA036080	30,000	11.5	13.5	29,600	3.50	7.7	17,400	2.38
5212447	PH13NB030****A	CNPV*3617A**	PG9MXA048080	30,000	11.5	13.2	29,800	3.56	7.8	17,600	2.38
5212443	PH13NB030****A	CNPV*3617A**	PG9UAA042060	30,000	11.5	13.5	29,400	3.48	7.7	17,400	2.36
5212449	PH13NB030****A	CNPV*3621A**	PG8*EA048090	30,000	11.5	13.2	29,600	3.48	7.7	17,500	2.36
5212500	PH13NB030****A	CNPV*3621A**	PG8*VA060110	30,000	11.5	13.5	29,400	3.46	7.7	17,300	2.36
5212498	PH13NB030****A	CNPV*3621A**	PG96VA*60080C***	30,000	11.5	13.5	29,400	3.48	7.7	17,300	2.36
5212499	PH13NB030****A	CNPV*3621A**	PG96VA*60100C***	29,800	11.5	13.5	29,200	3.42	7.7	17,200	2.34
5212448	PH13NB030****A	CNPV*3621A**	PG9UAA060080	30,000	11.5	13.2	29,400	3.44	7.7	17,300	2.36
5212466	PH13NB030****A	CSPH*3012A**	PG8*EA048070	30,000	11.3	13.2	29,800	3.50	7.7	17,600	2.36
5212467	PH13NB030****A	CSPH*3012A**	PG8*EA048090	30,000	11.3	13.2	29,800	3.52	7.7	17,500	2.36
5212510	PH13NB030****A	CSPH*3012A**	PG8*VA036070	30,000	11.3	13.2	29,600	3.50	7.7	17,500	2.36
5212511	PH13NB030****A	CSPH*3012A**	PG8*VA048090	30,000	11.5	13.5	29,600	3.52	7.7	17,400	2.38
5212512	PH13NB030****A	CSPH*3012A**	PG8*VA060110	30,000	11.5	13.2	29,600	3.54	7.7	17,400	2.38
5212513	PH13NB030****A	CSPH*3012A**	PG8*VA066135	30,000	11.5	13.5	29,600	3.54	7.8	17,400	2.38
5212464	PH13NB030****A	CSPH*3012A**	PG95XA*42060B***	30,000	11.3	13.2	29,800	3.52	7.7	17,600	2.36
5212465	PH13NB030****A	CSPH*3012A**	PG95XA*48080B***	30,000	11.3	13.2	30,000	3.56	7.8	17,700	2.38
5212505	PH13NB030****A	CSPH*3012A**	PG96VA*42060B***	29,800	11.3	13.2	29,600	3.48	7.7	17,500	2.34
5212506	PH13NB030****A	CSPH*3012A**	PG96VA*48080B***	30,000	11.3	13.2	29,600	3.50	7.7	17,500	2.36
5212507	PH13NB030****A	CSPH*3012A**	PG96VA*60080C***	30,000	11.5	13.5	29,600	3.52	7.7	17,400	2.36
5212508	PH13NB030****A	CSPH*3012A**	PG96VA*60100C***	29,800	11.5	13.2	29,400	3.46	7.7	17,200	2.34
5212509	PH13NB030****A	CSPH*3012A**	PG96VA*66120D***	30,000	11.5	13.5	29,600	3.52	7.7	17,400	2.36
5212468	PH13NB030****A	CSPH*3012A**	PG9MXA036060	30,000	11.5	13.5	29,800	3.58	7.8	17,500	2.40
5212469	PH13NB030****A	CSPH*3012A**	PG9MXA036080	30,000	11.5	13.5	29,800	3.56	7.8	17,500	2.38
5212470	PH13NB030****A	CSPH*3012A**	PG9MXA048080	30,000	11.5	13.2	30,000	3.60	7.8	17,600	2.40
5212473	PH13NB030****A	CSPH*3612A**	PG8*EA048070	30,000	11.5	13.2	29,800	3.60	7.8	17,700	2.40
5212474	PH13NB030****A	CSPH*3612A**	PG8*EA048090	30,000	11.7	13.7	29,600	3.64	8.0	17,600	2.42
5212519	PH13NB030****A	CSPH*3612A**	PG8*VA036070	30,000	11.5	13.5	29,600	3.58	7.8	17,500	2.38
5212520	PH13NB030****A	CSPH*3612A**	PG8*VA048090	30,000	11.7	13.7	29,600	3.60	7.8	17,400	2.40
5212521	PH13NB030****A	CSPH*3612A**	PG8*VA060110	30,000	11.7	13.7	29,600	3.62	7.8	17,400	2.40
5212522	PH13NB030****A	CSPH*3612A**	PG8*VA066135	30,000	11.7	13.7	29,600	3.62	7.8	17,400	2.42
5212471	PH13NB030****A	CSPH*3612A**	PG95XA*42060B***	30,000	11.5	13.2	29,800	3.60	7.8	17,700	2.40
5212472	PH13NB030****A	CSPH*3612A**	PG95XA*48080B***	30,000	11.5	13.5	29,800	3.66	8.0	17,800	2.42
5212514	PH13NB030****A	CSPH*3612A**	PG96VA*42060B***	30,000	11.5	13.2	29,800	3.56	7.8	17,600	2.38
5212515	PH13NB030****A	CSPH*3612A**	PG96VA*48080B***	30,000	11.5	13.5	29,600	3.60	7.8	17,500	2.40
5212516	PH13NB030****A	CSPH*3612A**	PG96VA*60080C***	30,000	11.7	13.7	29,600	3.64	7.8	17,400	2.42
5212517	PH13NB030****A	CSPH*3612A**	PG96VA*60100C***	30,000	11.7	13.7	29,400	3.58	7.8	17,300	2.40
5212518	PH13NB030****A	CSPH*3612A**	PG96VA*66120D***	30,000	11.7	13.7	29,600	3.64	8.0	17,500	2.42
5212475	PH13NB030****A	CSPH*3612A**	PG9MXA036060	30,000	11.7	13.7	29,600	3.68	8.0	17,600	2.44
5212476	PH13NB030****A	CSPH*3612A**	PG9MXA036080	30,000	11.7	13.7	29,600	3.66	8.0	17,500	2.44
5212477	PH13NB030****A	CSPH*3612A**	PG9MXA048080	30,000	11.7	13.7	29,800	3.70	8.0	17,700	2.44
5212415	PH13NB030****A	FB4CNF036		28,600	11.0	13.0	28,600	3.50	7.7	17,700	2.34
5212480	PH13NB030****A	FF1ENP031		30,000	11.3	13.2	29,800	3.48	7.7	17,600	2.36
5212481	PH13NB030****A	FF1ENP037		30,000	11.2	13.0	30,000	3.52	7.7	17,800	2.36
5212482	PH13NB030****A	PF4MNA031		30,000	11.3	13.2	30,000	3.52	7.7	17,700	2.36
5212483	PH13NB030****A	PF4MNA037		30,000	11.2	13.0	30,000	3.52	7.7	17,900	2.36
5212478	PH13NB030****A	PF4MNB031		30,000	11.5	13.5	30,000	3.60	7.8	17,600	2.40
5212479	PH13NB030****A	PF4MNB037		30,000	11.7	13.7	29,400	3.68	8.0	17,700	2.44
5212523	PH13NB036****A	1FB4CNF036		33,600	11.0	13.0	33,400	3.54	7.7	20,200	2.40

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212616	PH13NB036****A	CAP**3614A**	PG8*VA036070	33,600	11.7	13.2	33,200	3.48	7.7	19,700	2.40
5212528	PH13NB036****A	CAP**3617A**	PG8*EA048070	33,800	11.5	13.2	33,400	3.50	7.8	19,900	2.40
5212619	PH13NB036****A	CAP**3617A**	PG8*VA048090	33,800	12.0	13.7	33,000	3.54	7.8	19,500	2.44
5212525	PH13NB036****A	CAP**3617A**	PG95XA*42060B***	33,600	11.5	13.2	33,400	3.50	7.8	19,900	2.40
5212526	PH13NB036****A	CAP**3617A**	PG95XA*48080B***	33,600	11.7	13.5	33,200	3.50	7.8	19,600	2.42
5212617	PH13NB036****A	CAP**3617A**	PG96VA*42060B***	33,600	11.5	13.2	33,400	3.48	7.7	19,900	2.40
5212618	PH13NB036****A	CAP**3617A**	PG96VA*48080B***	33,800	11.7	13.5	33,400	3.52	7.8	19,800	2.42
5212529	PH13NB036****A	CAP**3617A**	PG9MXA036060	34,000	11.7	13.7	33,400	3.58	7.8	19,800	2.44
5212530	PH13NB036****A	CAP**3617A**	PG9MXA036080	34,000	11.7	13.7	33,200	3.56	7.8	19,700	2.44
5212531	PH13NB036****A	CAP**3617A**	PG9MXA048080	34,000	11.7	13.7	33,400	3.58	7.8	19,800	2.44
5212527	PH13NB036****A	CAP**3617A**	PG9UAA042060	33,800	11.7	13.7	33,200	3.56	7.8	19,700	2.44
5212535	PH13NB036****A	CAP**3621A**	PG8*EA048090	34,200	12.0	13.7	33,200	3.62	8.0	19,700	2.48
5212536	PH13NB036****A	CAP**3621A**	PG8*EA060110	34,200	12.2	14.0	33,400	3.64	8.0	19,700	2.48
5212622	PH13NB036****A	CAP**3621A**	PG8*VA060110	33,800	12.0	13.7	33,000	3.56	7.8	19,500	2.44
5212620	PH13NB036****A	CAP**3621A**	PG96VA*60080C***	33,800	12.0	13.7	33,000	3.56	7.8	19,500	2.44
5212621	PH13NB036****A	CAP**3621A**	PG96VA*60100C***	33,800	12.0	13.7	33,000	3.56	7.8	19,500	2.46
5212537	PH13NB036****A	CAP**3621A**	PG9MXA060100	34,000	12.2	14.0	33,000	3.60	8.0	19,500	2.48
5212532	PH13NB036****A	CAP**3621A**	PG9UAA042080	33,800	11.7	13.5	33,200	3.52	7.8	19,700	2.42
5212533	PH13NB036****A	CAP**3621A**	PG9UAA060080	33,800	11.7	13.7	33,000	3.52	7.8	19,600	2.44
5212534	PH13NB036****A	CAP**3621A**	PG9UAA060100	33,800	12.0	13.7	33,200	3.56	7.8	19,600	2.44
5212541	PH13NB036****A	CAP**4221A**	PG8*EA048090	34,400	12.2	14.0	33,400	3.66	8.0	19,700	2.50
5212542	PH13NB036****A	CAP**4221A**	PG8*EA060110	34,600	12.2	14.0	33,400	3.68	8.0	19,700	2.50
5212625	PH13NB036****A	CAP**4221A**	PG8*VA060110	34,000	12.0	13.7	33,200	3.60	7.8	19,600	2.46
5212623	PH13NB036****A	CAP**4221A**	PG96VA*60080C***	34,000	12.0	13.7	33,200	3.60	7.8	19,600	2.46
5212624	PH13NB036****A	CAP**4221A**	PG96VA*60100C***	34,000	12.0	14.0	33,200	3.60	8.0	19,600	2.46
5212543	PH13NB036****A	CAP**4221A**	PG9MXA060100	34,200	12.2	14.0	33,200	3.64	8.0	19,500	2.48
5212538	PH13NB036****A	CAP**4221A**	PG9UAA042080	34,000	11.7	13.7	33,400	3.56	7.8	19,700	2.44
5212539	PH13NB036****A	CAP**4221A**	PG9UAA060080	34,000	12.0	13.7	33,200	3.56	7.8	19,600	2.44
5212540	PH13NB036****A	CAP**4221A**	PG9UAA060100	34,200	12.0	13.7	33,200	3.60	7.8	19,700	2.46
5212626	PH13NB036****A	CAP**4224A**	PG96VA*66120D***	34,200	12.0	13.7	33,200	3.62	8.0	19,600	2.48
5212544	PH13NB036****A	CAP**4224A**	PG9UAA060120	34,000	12.0	14.0	33,000	3.60	7.8	19,500	2.46
5212573	PH13NB036****A	CNPH*3617A**	PG8*EA048070	33,600	11.5	13.2	33,400	3.46	7.7	19,900	2.40
5212574	PH13NB036****A	CNPH*3617A**	PG8*EA048090	33,800	11.7	13.7	33,200	3.54	7.8	19,600	2.44
5212575	PH13NB036****A	CNPH*3617A**	PG8*EA060110	34,000	12.0	13.7	33,200	3.56	7.8	19,600	2.46
5212641	PH13NB036****A	CNPH*3617A**	PG8*VA048090	33,600	11.7	13.7	33,000	3.52	7.8	19,600	2.42
5212571	PH13NB036****A	CNPH*3617A**	PG95XA*42060B***	33,600	11.5	13.2	33,400	3.46	7.7	19,900	2.38
5212572	PH13NB036****A	CNPH*3617A**	PG95XA*48080B***	33,600	11.7	13.5	33,000	3.46	7.7	19,600	2.40
5212639	PH13NB036****A	CNPH*3617A**	PG96VA*42060B***	33,600	11.5	13.2	33,400	3.44	7.7	19,900	2.38
5212640	PH13NB036****A	CNPH*3617A**	PG96VA*48080B***	33,600	11.7	13.2	33,200	3.48	7.7	19,800	2.40
5212576	PH13NB036****A	CNPH*3617A**	PG9MXA036060	33,800	11.7	13.5	33,200	3.54	7.8	19,700	2.44
5212577	PH13NB036****A	CNPH*3617A**	PG9MXA036080	33,800	11.7	13.7	33,200	3.52	7.8	19,700	2.44
5212578	PH13NB036****A	CNPH*3617A**	PG9MXA048080	33,800	11.7	13.5	33,200	3.54	7.8	19,700	2.44
5212579	PH13NB036****A	CNPH*3617A**	PG9MXA060100	33,600	12.0	13.7	33,000	3.52	7.8	19,400	2.44
5212582	PH13NB036****A	CNPH*4221A**	PG8*EA024045	34,000	11.3	13.0	33,600	3.50	7.8	20,200	2.40
5212583	PH13NB036****A	CNPH*4221A**	PG8*EA048070	34,000	11.7	13.5	33,400	3.54	7.8	19,900	2.42
5212584	PH13NB036****A	CNPH*4221A**	PG8*EA048090	34,200	12.0	13.7	33,400	3.64	8.0	19,700	2.48
5212585	PH13NB036****A	CNPH*4221A**	PG8*EA060110	34,400	12.2	14.0	33,400	3.66	8.0	19,700	2.50
5212644	PH13NB036****A	CNPH*4221A**	PG8*VA060110	34,200	12.0	13.7	33,200	3.60	7.8	19,600	2.46
5212580	PH13NB036****A	CNPH*4221A**	PG95XA*42060B***	34,000	11.7	13.2	33,400	3.54	7.8	20,000	2.42
5212581	PH13NB036****A	CNPH*4221A**	PG95XA*48080B***	33,800	11.7	13.7	33,200	3.54	7.8	19,700	2.44
5212642	PH13NB036****A	CNPH*4221A**	PG96VA*60080C***	34,000	12.0	13.7	33,200	3.58	7.8	19,600	2.46
5212643	PH13NB036****A	CNPH*4221A**	PG96VA*60100C***	34,000	12.0	13.7	33,200	3.58	7.8	19,500	2.46
5212586	PH13NB036****A	CNPH*4221A**	PG9MXA036060	34,400	12.0	13.7	33,400	3.62	8.0	19,800	2.48
5212587	PH13NB036****A	CNPH*4221A**	PG9MXA036080	34,200	12.0	13.7	33,400	3.62	8.0	19,800	2.46
5212588	PH13NB036****A	CNPH*4221A**	PG9MXA048080	34,400	12.0	13.7	33,400	3.62	8.0	19,800	2.46
5212589	PH13NB036****A	CNPH*4221A**	PG9MXA060100	34,200	12.2	14.0	33,200	3.62	8.0	19,500	2.48
5212548	PH13NB036****A	CNPV*3617A**	PG8*EA048070	33,600	11.5	13.2	33,400	3.46	7.7	19,900	2.40
5212629	PH13NB036****A	CNPV*3617A**	PG8*VA048090	33,600	11.7	13.7	33,000	3.52	7.8	19,600	2.42
5212545	PH13NB036****A	CNPV*3617A**	PG95XA*42060B***	33,600	11.5	13.2	33,400	3.46	7.7	19,900	2.38
5212546	PH13NB036****A	CNPV*3617A**	PG95XA*48080B***	33,600	11.7	13.5	33,000	3.46	7.7	19,600	2.40
5212627	PH13NB036****A	CNPV*3617A**	PG96VA*42060B***	33,600	11.5	13.2	33,400	3.44	7.7	19,900	2.38
5212628	PH13NB036****A	CNPV*3617A**	PG96VA*48080B***	33,600	11.7	13.2	33,200	3.48	7.7	19,800	2.40
5212549	PH13NB036****A	CNPV*3617A**	PG9MXA036060	33,800	11.7	13.5	33,200	3.54	7.8	19,700	2.44
5212550	PH13NB036****A	CNPV*3617A**	PG9MXA036080	33,800	11.7	13.7	33,200	3.52	7.8	19,700	2.44
5212551	PH13NB036****A	CNPV*3617A**	PG9MXA048080	33,800	11.7	13.5	33,200	3.54	7.8	19,700	2.44
5212547	PH13NB036****A	CNPV*3617A**	PG9UAA042060	33,800	11.7	13.5	33,400	3.52	7.8	19,800	2.42
5212555	PH13NB036****A	CNPV*3621A**	PG8*EA048090	33,800	12.0	13.7	33,200	3.56	7.8	19,600	2.44
5212556	PH13NB036****A	CNPV*3621A**	PG8*EA060110	34,000	12.0	13.7	33,200	3.58	7.8	19,600	2.46
5212632	PH13NB036****A	CNPV*3621A**	PG8*VA060110	33,800	11.7	13.7	33,200	3.52	7.8	19,600	2.42
5212630	PH13NB036****A	CNPV*3621A**	PG96VA*60080C***	33,600	11.7	13.7	33,000	3.50	7.8	19,500	2.42
5212631	PH13NB036****A	CNPV*3621A**	PG96VA*60100C***	33,600	11.7	13.7	33,000	3.50	7.8	19,400	2.42
5212557	PH13NB036****A	CNPV*3621A**	PG9MXA060100	33,800	12.0	13.7	33,000	3.54	7.8	19,400	2.44
5212552	PH13NB036****A	CNPV*3621A**	PG9UAA042080	33,600	11.7	13.2	33,400	3.50	7.8	19,800	2.40
5212553	PH13NB036****A	CNPV*3621A**	PG9UAA060080	33,600	11.7	13.5	33,200	3.50	7.8	19,700	2.42
5212554	PH13NB036****A	CNPV*3621A**	PG9UAA060100	33,800	11.7	13.5	33,200	3.52	7.8	19,700	2.42
5212561	PH13NB036****A	CNPV*4217A**	PG8*EA048070	34,200	11.7	13.5	33,400	3.60	7.8	20,000	2.44
5212635	PH13NB036****A	CNPV*4217A**	PG8*VA048090	34,400	12.0	14.0	33,400	3.64	8.0	19,700	2.48
5212558	PH13NB036****A	CNPV*4217A**	PG95XA*42060B***	34,200	11.7	13.5	33,400	3.58	7.8	20,000	2.44

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212559	PH13NB036****A	CNPV*4217A**	PG95XA*48080B***	34,200	11.7	13.7	33,400	3.58	7.8	19,800	2.46
5212633	PH13NB036****A	CNPV*4217A**	PG96VA*42060B***	34,200	11.7	13.2	33,400	3.58	7.8	20,000	2.44
5212634	PH13NB036****A	CNPV*4217A**	PG96VA*48080B***	34,200	11.7	13.7	33,400	3.60	8.0	19,900	2.46
5212562	PH13NB036****A	CNPV*4217A**	PG9MXA036060	34,600	12.0	13.7	33,400	3.68	8.0	19,900	2.50
5212563	PH13NB036****A	CNPV*4217A**	PG9MXA036080	34,400	12.0	13.7	33,400	3.66	8.0	19,800	2.48
5212564	PH13NB036****A	CNPV*4217A**	PG9MXA048080	34,600	12.0	13.7	33,400	3.68	8.0	19,900	2.48
5212560	PH13NB036****A	CNPV*4217A**	PG9UAA042060	34,400	12.0	13.7	33,400	3.66	8.0	19,900	2.48
5212568	PH13NB036****A	CNPV*4221A**	PG8*EA048090	34,200	12.0	13.7	33,400	3.64	8.0	19,700	2.48
5212569	PH13NB036****A	CNPV*4221A**	PG8*EA060110	34,400	12.2	14.0	33,400	3.66	8.0	19,700	2.50
5212638	PH13NB036****A	CNPV*4221A**	PG8*VA060110	34,200	12.0	13.7	33,200	3.60	7.8	19,600	2.46
5212636	PH13NB036****A	CNPV*4221A**	PG96VA*60080C***	34,000	12.0	13.7	33,200	3.58	7.8	19,600	2.46
5212637	PH13NB036****A	CNPV*4221A**	PG96VA*60100C***	34,000	12.0	13.7	33,200	3.58	7.8	19,500	2.46
5212570	PH13NB036****A	CNPV*4221A**	PG9MXA060100	34,200	12.2	14.0	33,200	3.62	8.0	19,500	2.48
5212565	PH13NB036****A	CNPV*4221A**	PG9UAA042080	34,000	11.7	13.5	33,400	3.56	7.8	19,800	2.44
5212566	PH13NB036****A	CNPV*4221A**	PG9UAA060080	34,000	11.7	13.7	33,200	3.56	7.8	19,700	2.44
5212567	PH13NB036****A	CNPV*4221A**	PG9UAA060100	34,200	12.0	13.7	33,400	3.60	7.8	19,800	2.46
5212592	PH13NB036****A	CSPH*3612A**	PG8*EA024045	34,400	11.5	13.2	33,800	3.56	7.8	20,400	2.42
5212593	PH13NB036****A	CSPH*3612A**	PG8*EA048070	34,400	11.7	13.5	33,600	3.60	8.0	20,000	2.46
5212594	PH13NB036****A	CSPH*3612A**	PG8*EA048090	34,800	12.2	14.0	33,400	3.70	8.0	19,800	2.50
5212595	PH13NB036****A	CSPH*3612A**	PG8*EA060110	34,800	12.2	14.0	33,400	3.72	8.2	19,800	2.52
5212650	PH13NB036****A	CSPH*3612A**	PG8*VA036070	34,400	12.0	13.7	33,400	3.60	8.0	19,800	2.46
5212651	PH13NB036****A	CSPH*3612A**	PG8*VA048090	34,400	12.2	14.0	33,400	3.64	8.0	19,700	2.48
5212652	PH13NB036****A	CSPH*3612A**	PG8*VA060110	34,600	12.2	14.0	33,400	3.66	8.0	19,700	2.48
5212653	PH13NB036****A	CSPH*3612A**	PG8*VA066135	34,600	12.2	14.0	33,400	3.66	8.0	19,700	2.50
5212590	PH13NB036****A	CSPH*3612A**	PG95XA*42060B***	34,400	11.7	13.5	33,600	3.60	8.0	20,000	2.44
5212591	PH13NB036****A	CSPH*3612A**	PG95XA*48080B***	34,400	12.0	13.7	33,400	3.60	8.0	19,800	2.46
5212645	PH13NB036****A	CSPH*3612A**	PG96VA*42060B***	34,400	11.7	13.5	33,600	3.58	7.8	20,000	2.44
5212646	PH13NB036****A	CSPH*3612A**	PG96VA*48080B***	34,400	11.7	13.7	33,400	3.62	8.0	19,900	2.46
5212647	PH13NB036****A	CSPH*3612A**	PG96VA*60080C***	34,400	12.2	14.0	33,400	3.64	8.0	19,700	2.48
5212648	PH13NB036****A	CSPH*3612A**	PG96VA*60100C***	34,400	12.2	14.0	33,200	3.64	8.0	19,600	2.48
5212649	PH13NB036****A	CSPH*3612A**	PG96VA*66120D***	34,400	12.2	14.0	33,400	3.64	8.0	19,700	2.48
5212596	PH13NB036****A	CSPH*3612A**	PG9MXA036060	34,800	12.0	14.0	33,400	3.70	8.0	19,900	2.50
5212597	PH13NB036****A	CSPH*3612A**	PG9MXA036080	34,600	12.2	14.0	33,400	3.68	8.0	19,800	2.50
5212598	PH13NB036****A	CSPH*3612A**	PG9MXA048080	34,800	12.0	13.7	33,400	3.70	8.0	19,900	2.50
5212599	PH13NB036****A	CSPH*3612A**	PG9MXA060100	34,600	12.2	14.0	33,200	3.68	8.0	19,600	2.50
5212603	PH13NB036****A	CSPH*4212A**	PG8*EA024045	34,600	11.5	13.2	34,000	3.60	8.0	20,400	2.44
5212604	PH13NB036****A	CSPH*4212A**	PG8*EA048070	34,800	11.7	13.7	33,600	3.66	8.0	20,200	2.48
5212605	PH13NB036****A	CSPH*4212A**	PG8*EA048090	35,000	12.2	14.0	33,400	3.74	8.2	19,900	2.54
5212606	PH13NB036****A	CSPH*4212A**	PG8*EA060110	35,200	12.2	14.0	33,400	3.78	8.2	19,900	2.54
5212659	PH13NB036****A	CSPH*4212A**	PG8*VA036070	34,600	12.0	13.7	33,400	3.64	8.0	19,900	2.48
5212660	PH13NB036****A	CSPH*4212A**	PG8*VA048090	34,600	12.2	14.0	33,400	3.68	8.0	19,700	2.50
5212661	PH13NB036****A	CSPH*4212A**	PG8*VA060110	34,800	12.2	14.0	33,400	3.70	8.0	19,800	2.50
5212601	PH13NB036****A	CSPH*4212A**	PG95XA*42060B***	34,600	11.7	13.7	33,600	3.64	8.0	20,200	2.46
5212602	PH13NB036****A	CSPH*4212A**	PG95XA*48080B***	34,600	12.0	13.7	33,400	3.64	8.0	19,800	2.48
5212654	PH13NB036****A	CSPH*4212A**	PG96VA*42060B***	34,600	11.7	13.5	33,600	3.62	8.0	20,200	2.46
5212655	PH13NB036****A	CSPH*4212A**	PG96VA*48080B***	34,800	12.0	13.7	33,600	3.66	8.0	20,000	2.48
5212656	PH13NB036****A	CSPH*4212A**	PG96VA*60080C***	34,600	12.2	14.0	33,400	3.68	8.0	19,700	2.50
5212657	PH13NB036****A	CSPH*4212A**	PG96VA*60100C***	34,600	12.2	14.0	33,400	3.68	8.0	19,700	2.50
5212658	PH13NB036****A	CSPH*4212A**	PG96VA*66120D***	34,800	12.2	14.0	33,400	3.70	8.0	19,800	2.50
5212607	PH13NB036****A	CSPH*4212A**	PG9MXA036060	35,000	12.2	14.0	33,600	3.74	8.2	20,000	2.52
5212608	PH13NB036****A	CSPH*4212A**	PG9MXA036080	35,000	12.2	14.0	33,400	3.72	8.2	19,900	2.52
5212609	PH13NB036****A	CSPH*4212A**	PG9MXA048080	35,000	12.2	14.0	33,600	3.74	8.2	20,000	2.52
5212610	PH13NB036****A	CSPH*4212A**	PG9MXA060100	34,800	12.2	14.0	33,400	3.74	8.2	19,700	2.52
5212600	PH13NB036****A	CSPH*4212A**+TDR		35,000	11.3	13.0	34,400	3.62	8.0	21,000	2.44
5212524	PH13NB036****A	FB4CNF042		34,200	11.5	13.5	33,400	3.74	8.0	20,200	2.52
5212613	PH13NB036****A	FF1ENP037		33,800	11.2	13.0	33,800	3.48	7.7	20,400	2.38
5212614	PH13NB036****A	PF4MNA037		34,400	11.7	13.5	33,600	3.60	8.0	20,000	2.46
5212615	PH13NB036****A	PF4MNA043		35,000	11.7	13.5	33,800	3.68	8.0	20,400	2.48
5212611	PH13NB036****A	PF4MNB037		35,200	12.2	14.0	33,600	3.76	8.2	20,000	2.54
5212612	PH13NB036****A	PF4MNB043		35,200	12.2	14.0	33,600	3.76	8.2	20,000	2.54
5212662	PH13NB042****A	†FB4CNF042		41,500	11.0	13.0	39,000	3.62	8.0	24,000	2.44
5212664	PH13NB042****A	CAP**4221A**	PG8*EA048090	41,500	11.3	13.0	38,500	3.54	7.8	23,400	2.40
5212665	PH13NB042****A	CAP**4221A**	PG8*EA060110	42,000	11.5	13.2	38,500	3.56	7.8	23,200	2.42
5212765	PH13NB042****A	CAP**4221A**	PG8*VA060110	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212747	PH13NB042****A	CAP**4221A**	PG95XA*60080C***	42,000	11.3	13.0	38,500	3.54	7.8	23,400	2.40
5212748	PH13NB042****A	CAP**4221A**	PG95XA*60100C***	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212763	PH13NB042****A	CAP**4221A**	PG96VA*60080C***	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.38
5212764	PH13NB042****A	CAP**4221A**	PG96VA*60100C***	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212666	PH13NB042****A	CAP**4221A**	PG9MXA060100	42,000	11.3	13.2	38,500	3.56	7.8	23,400	2.42
5212669	PH13NB042****A	CAP**4224A**	PG8*EA060135	42,000	11.3	13.2	38,500	3.56	7.8	23,400	2.42
5212767	PH13NB042****A	CAP**4224A**	PG8*VA066135	41,500	11.5	13.2	38,000	3.54	7.8	23,000	2.42
5212667	PH13NB042****A	CAP**4224A**	PG95XA*66120D***	42,000	11.3	13.0	38,500	3.56	7.8	23,600	2.42
5212766	PH13NB042****A	CAP**4224A**	PG96VA*66120D***	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212670	PH13NB042****A	CAP**4224A**	PG9MXA060120	42,000	11.5	13.2	38,500	3.60	7.8	23,200	2.44
5212668	PH13NB042****A	CAP**4224A**	PG9UAA060120	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212768	PH13NB042****A	CAP**4817A**	PG8*VA048090	42,000	11.5	13.2	39,000	3.68	8.0	23,600	2.44
5212671	PH13NB042****A	CAP**4817A**	PG95XA*48080B***	42,000	11.2	13.0	39,500	3.64	8.0	24,000	2.42

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212673	PH13NB042****A	CAP**4817A**	PG9MXA036060	42,000	11.3	13.2	39,500	3.70	8.0	23,800	2.44
5212674	PH13NB042****A	CAP**4817A**	PG9MXA036080	42,000	11.3	13.2	39,000	3.70	8.0	23,800	2.46
5212675	PH13NB042****A	CAP**4817A**	PG9MXA048080	42,000	11.3	13.2	39,000	3.68	8.0	23,600	2.44
5212672	PH13NB042****A	CAP**4817A**	PG9UAA042060	42,000	11.3	13.2	39,500	3.68	8.0	23,800	2.44
5212679	PH13NB042****A	CAP**4821A**	PG8*EA048090	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.44
5212680	PH13NB042****A	CAP**4821A**	PG8*EA060110	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.46
5212771	PH13NB042****A	CAP**4821A**	PG8*EA060110	42,000	11.3	13.2	38,500	3.62	8.0	23,400	2.44
5212676	PH13NB042****A	CAP**4821A**	PG95XA*48100C***	42,000	11.2	13.0	39,000	3.56	7.8	23,600	2.40
5212749	PH13NB042****A	CAP**4821A**	PG95XA*60080C***	42,000	11.3	13.2	39,000	3.64	8.0	23,600	2.44
5212750	PH13NB042****A	CAP**4821A**	PG95XA*60100C***	42,000	11.5	13.2	38,500	3.62	7.8	23,400	2.44
5212769	PH13NB042****A	CAP**4821A**	PG96VA*60080C***	42,000	11.3	13.2	38,500	3.60	7.8	23,400	2.42
5212770	PH13NB042****A	CAP**4821A**	PG96VA*60100C***	42,000	11.5	13.2	38,500	3.60	7.8	23,400	2.44
5212681	PH13NB042****A	CAP**4821A**	PG9MXA060100	42,000	11.5	13.2	38,500	3.66	8.0	23,400	2.46
5212677	PH13NB042****A	CAP**4821A**	PG9UAA060080	42,000	11.2	13.0	39,000	3.58	7.8	23,600	2.40
5212678	PH13NB042****A	CAP**4821A**	PG9UAA060100	42,000	11.3	13.0	38,500	3.56	7.8	23,400	2.40
5212684	PH13NB042****A	CAP**4824A**	PG8*EA060135	42,000	11.5	13.2	39,000	3.66	8.0	23,600	2.46
5212773	PH13NB042****A	CAP**4824A**	PG8*VA066135	42,000	11.7	13.5	38,500	3.66	8.0	23,200	2.46
5212682	PH13NB042****A	CAP**4824A**	PG95XA*66120D***	42,000	11.5	13.2	39,000	3.66	8.0	23,800	2.46
5212772	PH13NB042****A	CAP**4824A**	PG96VA*66120D***	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212685	PH13NB042****A	CAP**4824A**	PG9MXA060120	42,000	11.7	13.5	39,000	3.70	8.0	23,400	2.48
5212683	PH13NB042****A	CAP**4824A**	PG9UAA060120	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212705	PH13NB042****A	CNPH*4221A**	PG8*EA048090	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212706	PH13NB042****A	CNPH*4221A**	PG8*EA060110	41,500	11.3	13.2	38,500	3.54	7.8	23,200	2.40
5212707	PH13NB042****A	CNPH*4221A**	PG8*EA060135	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212785	PH13NB042****A	CNPH*4221A**	PG8*VA060110	41,500	11.2	13.0	38,500	3.50	7.8	23,400	2.38
5212755	PH13NB042****A	CNPH*4221A**	PG95XA*60080C***	41,500	11.2	13.0	38,500	3.52	7.8	23,400	2.38
5212756	PH13NB042****A	CNPH*4221A**	PG95XA*60100C***	41,500	11.3	13.0	38,500	3.50	7.7	23,200	2.38
5212704	PH13NB042****A	CNPH*4221A**	PG95XA*66120D***	42,000	11.3	13.0	38,500	3.54	7.8	23,600	2.40
5212783	PH13NB042****A	CNPH*4221A**	PG96VA*60080C***	41,500	11.3	13.0	38,500	3.50	7.7	23,200	2.38
5212784	PH13NB042****A	CNPH*4221A**	PG96VA*60100C***	41,500	11.3	13.0	38,500	3.50	7.7	23,200	2.38
5212708	PH13NB042****A	CNPH*4221A**	PG9MXA060100	41,500	11.3	13.0	38,500	3.54	7.8	23,400	2.40
5212709	PH13NB042****A	CNPH*4221A**	PG9MXA060120	42,000	11.5	13.2	38,500	3.56	7.8	23,200	2.42
5212713	PH13NB042****A	CNPH*4821A**	PG8*EA048090	42,000	11.5	13.5	39,000	3.66	8.0	23,600	2.46
5212714	PH13NB042****A	CNPH*4821A**	PG8*EA060110	42,000	11.7	13.5	38,500	3.68	8.0	23,400	2.48
5212715	PH13NB042****A	CNPH*4821A**	PG8*EA060135	42,000	11.5	13.5	39,000	3.66	8.0	23,600	2.46
5212788	PH13NB042****A	CNPH*4821A**	PG8*VA060110	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.44
5212710	PH13NB042****A	CNPH*4821A**	PG95XA*48080B***	42,000	11.2	13.0	39,000	3.60	7.8	23,800	2.42
5212711	PH13NB042****A	CNPH*4821A**	PG95XA*48100C***	42,000	11.3	13.0	39,000	3.58	7.8	23,600	2.42
5212757	PH13NB042****A	CNPH*4821A**	PG95XA*60080C***	42,000	11.5	13.2	39,000	3.66	8.0	23,600	2.46
5212758	PH13NB042****A	CNPH*4821A**	PG95XA*60100C***	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.46
5212712	PH13NB042****A	CNPH*4821A**	PG95XA*66120D***	42,000	11.5	13.2	39,000	3.68	8.0	23,800	2.46
5212786	PH13NB042****A	CNPH*4821A**	PG96VA*60080C***	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212787	PH13NB042****A	CNPH*4821A**	PG96VA*60100C***	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.46
5212716	PH13NB042****A	CNPH*4821A**	PG9MXA036060	42,000	11.3	13.2	39,000	3.64	8.0	23,800	2.44
5212717	PH13NB042****A	CNPH*4821A**	PG9MXA036080	42,000	11.5	13.2	39,000	3.66	8.0	23,800	2.44
5212718	PH13NB042****A	CNPH*4821A**	PG9MXA048080	42,000	11.5	13.2	39,000	3.62	8.0	23,600	2.44
5212719	PH13NB042****A	CNPH*4821A**	PG9MXA060100	42,000	11.7	13.5	39,000	3.68	8.0	23,600	2.48
5212720	PH13NB042****A	CNPH*4821A**	PG9MXA060120	42,000	11.7	13.7	39,000	3.70	8.0	23,400	2.48
5212774	PH13NB042****A	CNPV*4217A**	PG8*VA048090	42,000	11.3	13.0	38,500	3.56	7.8	23,400	2.40
5212687	PH13NB042****A	CNPV*4217A**	PG9MXA036060	42,000	11.2	13.0	39,000	3.56	7.8	23,800	2.40
5212688	PH13NB042****A	CNPV*4217A**	PG9MXA036080	42,000	11.3	13.0	39,000	3.58	7.8	23,600	2.40
5212689	PH13NB042****A	CNPV*4217A**	PG9MXA048080	42,000	11.3	13.0	38,500	3.54	7.8	23,600	2.40
5212686	PH13NB042****A	CNPV*4217A**	PG9UAA042060	42,000	11.2	13.0	39,000	3.56	7.8	23,800	2.40
5212690	PH13NB042****A	CNPV*4221A**	PG8*EA048090	41,500	11.3	13.0	38,500	3.52	7.8	23,200	2.40
5212691	PH13NB042****A	CNPV*4221A**	PG8*EA060110	41,500	11.3	13.2	38,500	3.54	7.8	23,200	2.40
5212777	PH13NB042****A	CNPV*4221A**	PG8*VA060110	41,500	11.2	13.0	38,500	3.50	7.8	23,400	2.38
5212751	PH13NB042****A	CNPV*4221A**	PG95XA*60080C***	41,500	11.2	13.0	38,500	3.52	7.8	23,400	2.38
5212752	PH13NB042****A	CNPV*4221A**	PG95XA*60100C***	41,500	11.3	13.0	38,500	3.50	7.7	23,200	2.38
5212775	PH13NB042****A	CNPV*4221A**	PG96VA*60080C***	41,500	11.3	13.0	38,500	3.50	7.7	23,200	2.38
5212776	PH13NB042****A	CNPV*4221A**	PG96VA*60100C***	41,500	11.3	13.0	38,500	3.50	7.7	23,200	2.38
5212692	PH13NB042****A	CNPV*4221A**	PG9MXA060100	41,500	11.3	13.0	38,500	3.54	7.8	23,400	2.40
5212697	PH13NB042****A	CNPV*4821A**	PG8*EA048090	42,000	11.5	13.5	39,000	3.66	8.0	23,600	2.46
5212698	PH13NB042****A	CNPV*4821A**	PG8*EA060110	42,000	11.7	13.5	38,500	3.68	8.0	23,400	2.48
5212780	PH13NB042****A	CNPV*4821A**	PG8*VA060110	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.44
5212693	PH13NB042****A	CNPV*4821A**	PG95XA*48100C***	42,000	11.3	13.0	39,000	3.58	7.8	23,600	2.42
5212753	PH13NB042****A	CNPV*4821A**	PG95XA*60080C***	42,000	11.5	13.2	39,000	3.66	8.0	23,600	2.46
5212754	PH13NB042****A	CNPV*4821A**	PG95XA*60100C***	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.46
5212778	PH13NB042****A	CNPV*4821A**	PG96VA*60080C***	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212779	PH13NB042****A	CNPV*4821A**	PG96VA*60100C***	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.46
5212699	PH13NB042****A	CNPV*4821A**	PG9MXA060100	42,000	11.7	13.5	39,000	3.68	8.0	23,600	2.48
5212694	PH13NB042****A	CNPV*4821A**	PG9UAA042080	42,000	11.3	13.0	39,000	3.58	7.8	23,600	2.40
5212695	PH13NB042****A	CNPV*4821A**	PG9UAA060080	42,000	11.3	13.0	39,000	3.60	7.8	23,600	2.42
5212696	PH13NB042****A	CNPV*4821A**	PG9UAA060100	42,000	11.3	13.2	38,500	3.58	7.8	23,400	2.42
5212702	PH13NB042****A	CNPV*4824A**	PG8*EA060135	42,000	11.5	13.5	39,000	3.66	8.0	23,600	2.46
5212782	PH13NB042****A	CNPV*4824A**	PG8*VA066135	42,000	11.7	13.5	38,500	3.66	8.0	23,200	2.46
5212700	PH13NB042****A	CNPV*4824A**	PG95XA*66120D***	42,000	11.5	13.2	39,000	3.68	8.0	23,800	2.46
5212781	PH13NB042****A	CNPV*4824A**	PG96VA*66120D***	42,000	11.5	13.2	38,500	3.64	8.0	23,400	2.44
5212703	PH13NB042****A	CNPV*4824A**	PG9MXA060120	42,000	11.7	13.7	39,000	3.70	8.0	23,400	2.48

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212701	PH13NB042****A	CNPV*4824A**	PG9UAA060120	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212724	PH13NB042****A	CSPH*4212A**	PG8*EA048090	42,000	11.5	13.2	38,500	3.64	8.0	23,600	2.44
5212725	PH13NB042****A	CSPH*4212A**	PG8*EA060110	42,000	11.7	13.5	38,500	3.66	8.0	23,400	2.46
5212726	PH13NB042****A	CSPH*4212A**	PG8*EA060135	42,000	11.5	13.2	38,500	3.64	8.0	23,600	2.44
5212793	PH13NB042****A	CSPH*4212A**	PG8*VA036070	42,000	11.2	13.0	39,000	3.56	7.8	23,800	2.40
5212794	PH13NB042****A	CSPH*4212A**	PG8*VA048090	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212795	PH13NB042****A	CSPH*4212A**	PG8*VA060110	42,000	11.5	13.2	38,500	3.62	8.0	23,600	2.44
5212796	PH13NB042****A	CSPH*4212A**	PG8*VA066135	42,000	11.7	13.5	38,500	3.64	8.0	23,400	2.46
5212721	PH13NB042****A	CSPH*4212A**	PG95XA*48080B***	42,000	11.2	13.0	39,000	3.58	7.8	24,000	2.40
5212722	PH13NB042****A	CSPH*4212A**	PG95XA*48100C***	42,000	11.3	13.0	39,000	3.58	7.8	23,600	2.40
5212759	PH13NB042****A	CSPH*4212A**	PG95XA*60080C***	42,000	11.5	13.2	39,000	3.64	8.0	23,600	2.44
5212760	PH13NB042****A	CSPH*4212A**	PG95XA*60100C***	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212723	PH13NB042****A	CSPH*4212A**	PG95XA*66120D***	42,000	11.5	13.2	39,000	3.66	8.0	23,800	2.44
5212789	PH13NB042****A	CSPH*4212A**	PG96VA*48080B***	42,000	11.2	13.0	39,000	3.56	7.8	23,800	2.40
5212790	PH13NB042****A	CSPH*4212A**	PG96VA*60080C***	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212791	PH13NB042****A	CSPH*4212A**	PG96VA*60100C***	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212792	PH13NB042****A	CSPH*4212A**	PG96VA*66120D***	42,000	11.5	13.2	38,500	3.62	8.0	23,400	2.44
5212727	PH13NB042****A	CSPH*4212A**	PG9MXA036060	42,000	11.3	13.2	39,000	3.64	8.0	23,800	2.44
5212728	PH13NB042****A	CSPH*4212A**	PG9MXA036080	42,000	11.5	13.2	39,000	3.64	8.0	23,800	2.44
5212729	PH13NB042****A	CSPH*4212A**	PG9MXA048080	42,000	11.5	13.2	39,000	3.62	8.0	23,600	2.44
5212730	PH13NB042****A	CSPH*4212A**	PG9MXA060100	42,000	11.7	13.5	39,000	3.66	8.0	23,400	2.46
5212731	PH13NB042****A	CSPH*4212A**	PG9MXA060120	42,000	11.7	13.5	39,000	3.68	8.0	23,400	2.48
5212735	PH13NB042****A	CSPH*4812A**	PG8*EA048090	42,000	11.5	13.5	39,000	3.66	8.0	23,600	2.46
5212736	PH13NB042****A	CSPH*4812A**	PG8*EA060110	42,000	11.7	13.5	38,500	3.68	8.0	23,400	2.46
5212737	PH13NB042****A	CSPH*4812A**	PG8*EA060135	42,000	11.5	13.5	39,000	3.66	8.0	23,600	2.46
5212801	PH13NB042****A	CSPH*4812A**	PG8*VA036070	42,000	11.3	13.0	39,000	3.58	7.8	23,800	2.40
5212802	PH13NB042****A	CSPH*4812A**	PG8*VA048090	42,000	11.5	13.2	39,000	3.64	8.0	23,600	2.44
5212803	PH13NB042****A	CSPH*4812A**	PG8*VA060110	42,000	11.5	13.2	39,000	3.64	8.0	23,600	2.44
5212804	PH13NB042****A	CSPH*4812A**	PG8*VA066135	42,000	11.7	13.5	38,500	3.68	8.0	23,400	2.46
5212732	PH13NB042****A	CSPH*4812A**	PG95XA*48080B***	42,000	11.3	13.0	39,500	3.60	8.0	24,000	2.42
5212733	PH13NB042****A	CSPH*4812A**	PG95XA*48100C***	42,000	11.3	13.0	39,000	3.60	7.8	23,600	2.42
5212761	PH13NB042****A	CSPH*4812A**	PG95XA*60080C***	42,000	11.5	13.2	39,000	3.66	8.0	23,800	2.46
5212762	PH13NB042****A	CSPH*4812A**	PG95XA*60100C***	42,000	11.5	13.5	38,500	3.64	8.0	23,400	2.46
5212734	PH13NB042****A	CSPH*4812A**	PG95XA*66120D***	42,000	11.5	13.2	39,000	3.68	8.0	23,800	2.46
5212797	PH13NB042****A	CSPH*4812A**	PG96VA*48080B***	42,000	11.3	13.0	39,000	3.58	7.8	23,800	2.40
5212798	PH13NB042****A	CSPH*4812A**	PG96VA*60080C***	42,000	11.5	13.2	39,000	3.64	8.0	23,600	2.44
5212799	PH13NB042****A	CSPH*4812A**	PG96VA*60100C***	42,000	11.5	13.5	38,500	3.64	8.0	23,400	2.44
5212800	PH13NB042****A	CSPH*4812A**	PG96VA*66120D***	42,000	11.5	13.2	39,000	3.64	8.0	23,600	2.44
5212738	PH13NB042****A	CSPH*4812A**	PG9MXA036060	42,000	11.5	13.2	39,000	3.66	8.0	23,800	2.44
5212739	PH13NB042****A	CSPH*4812A**	PG9MXA036080	42,000	11.5	13.2	39,000	3.66	8.0	23,800	2.46
5212740	PH13NB042****A	CSPH*4812A**	PG9MXA048080	42,000	11.5	13.2	39,000	3.64	8.0	23,600	2.44
5212741	PH13NB042****A	CSPH*4812A**	PG9MXA060100	42,000	11.7	13.5	39,000	3.68	8.0	23,600	2.48
5212742	PH13NB042****A	CSPH*4812A**	PG9MXA060120	42,000	11.7	13.7	39,000	3.72	8.0	23,600	2.48
5212663	PH13NB042****A	FB4CNF048		41,500	11.0	13.0	39,000	3.64	8.0	23,800	2.44
5212745	PH13NB042****A	PF4MNA043		42,000	11.3	13.0	39,500	3.62	8.0	24,000	2.42
5212746	PH13NB042****A	PF4MNA049		42,000	11.7	13.5	39,500	3.76	8.2	24,000	2.48
5212743	PH13NB042****A	PF4MNB043		42,000	11.3	13.2	39,000	3.64	8.0	23,800	2.44
5212744	PH13NB042****A	PF4MNB049		42,000	11.7	13.7	39,000	3.80	8.2	23,800	2.52
5212805	PH13NB048****A	†FB4CNF048		47,000	11.0	13.0	45,000	3.58	8.0	28,200	2.50
5212909	PH13NB048****A	CAP**4817A**	PG8*VA048090	47,000	11.5	13.2	45,000	3.58	8.0	27,800	2.50
5212808	PH13NB048****A	CAP**4817A**	PG95XA*48080B***	46,500	11.2	13.0	45,500	3.52	7.8	28,200	2.46
5212908	PH13NB048****A	CAP**4817A**	PG96VA*48080B***	46,500	11.2	13.0	45,500	3.52	7.8	28,200	2.46
5212809	PH13NB048****A	CAP**4817A**	PG9MXA048080	47,000	11.3	13.2	45,500	3.60	8.0	28,000	2.50
5212807	PH13NB048****A	CAP**4817A**+TDR		47,000	11.3	13.0	45,500	3.56	7.8	28,200	2.48
5212813	PH13NB048****A	CAP**4821A**	PG8*EA048090	47,000	11.5	13.5	45,000	3.58	8.0	27,800	2.52
5212814	PH13NB048****A	CAP**4821A**	PG8*EA060110	47,000	11.7	13.7	44,500	3.60	8.0	27,400	2.54
5212912	PH13NB048****A	CAP**4821A**	PG8*VA060110	46,500	11.5	13.2	44,500	3.56	7.8	27,600	2.50
5212810	PH13NB048****A	CAP**4821A**	PG95XA*48100C***	46,500	11.3	13.0	45,000	3.52	7.8	27,800	2.48
5212896	PH13NB048****A	CAP**4821A**	PG95XA*60080C***	47,000	11.5	13.2	45,000	3.58	8.0	27,800	2.50
5212897	PH13NB048****A	CAP**4821A**	PG95XA*60100C***	46,500	11.5	13.5	44,500	3.58	8.0	27,600	2.52
5212910	PH13NB048****A	CAP**4821A**	PG96VA*60080C***	46,500	11.5	13.5	44,500	3.56	7.8	27,600	2.50
5212911	PH13NB048****A	CAP**4821A**	PG96VA*60100C***	46,500	11.5	13.5	44,500	3.56	7.8	27,400	2.52
5212815	PH13NB048****A	CAP**4821A**	PG9MXA060100	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5212811	PH13NB048****A	CAP**4821A**	PG9UAA060080	46,500	11.3	13.2	44,500	3.50	7.8	27,600	2.48
5212812	PH13NB048****A	CAP**4821A**	PG9UAA060100	46,500	11.3	13.2	45,000	3.54	7.8	28,000	2.48
5212818	PH13NB048****A	CAP**4824A**	PG8*EA060135	47,000	11.7	13.5	44,500	3.62	8.0	27,600	2.54
5212914	PH13NB048****A	CAP**4824A**	PG8*VA066135	47,000	11.7	13.7	44,500	3.60	8.0	27,400	2.54
5212816	PH13NB048****A	CAP**4824A**	PG95XA*66120D***	47,000	11.5	13.5	45,000	3.60	8.0	27,800	2.52
5212913	PH13NB048****A	CAP**4824A**	PG96VA*66120D***	47,000	11.5	13.5	44,500	3.58	8.0	27,600	2.52
5212819	PH13NB048****A	CAP**4824A**	PG9MXA060120	47,000	11.7	13.7	44,500	3.64	8.0	27,600	2.56
5212817	PH13NB048****A	CAP**4824A**	PG9UAA060120	46,500	11.5	13.5	44,500	3.56	7.8	27,600	2.50
5212824	PH13NB048****A	CAP**6021A**	PG8*EA048090	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.54
5212825	PH13NB048****A	CAP**6021A**	PG8*EA060110	48,000	12.0	14.0	44,500	3.68	8.0	27,600	2.58
5212917	PH13NB048****A	CAP**6021A**	PG8*VA060110	47,500	11.7	13.7	45,000	3.62	8.0	27,600	2.54
5212821	PH13NB048****A	CAP**6021A**	PG95XA*48100C***	47,500	11.5	13.2	45,000	3.58	8.0	28,000	2.50
5212898	PH13NB048****A	CAP**6021A**	PG95XA*60080C***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.54
5212899	PH13NB048****A	CAP**6021A**	PG95XA*60100C***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.56

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212915	PH13NB048****A	CAP**6021A**	PG96VA*60080C***	47,500	11.7	13.7	45,000	3.62	8.0	27,600	2.54
5212916	PH13NB048****A	CAP**6021A**	PG96VA*60100C***	48,000	11.7	13.7	45,000	3.64	8.0	27,600	2.56
5212826	PH13NB048****A	CAP**6021A**	PG9MXA060100	48,000	11.7	13.7	45,000	3.68	8.0	27,800	2.56
5212822	PH13NB048****A	CAP**6021A**	PG9UAA060080	47,500	11.5	13.5	45,000	3.56	7.8	27,800	2.50
5212823	PH13NB048****A	CAP**6021A**	PG9UAA060100	47,500	11.5	13.5	45,000	3.60	8.0	28,000	2.52
5212820	PH13NB048****A	CAP**6021A**+TDR		48,000	11.3	13.2	46,000	3.62	8.0	28,800	2.50
5212830	PH13NB048****A	CAP**6024A**	PG8*EA060135	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212919	PH13NB048****A	CAP**6024A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,600	2.56
5212828	PH13NB048****A	CAP**6024A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212918	PH13NB048****A	CAP**6024A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.54
5212831	PH13NB048****A	CAP**6024A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5212829	PH13NB048****A	CAP**6024A**	PG9UAA060120	47,500	11.7	13.7	45,000	3.62	8.0	27,800	2.54
5212827	PH13NB048****A	CAP**6024A**+TDR		48,000	11.3	13.2	46,000	3.62	8.0	28,800	2.50
5212835	PH13NB048****A	CAP**6025A**	PG8*EA060135	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212921	PH13NB048****A	CAP**6025A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,600	2.56
5212833	PH13NB048****A	CAP**6025A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212920	PH13NB048****A	CAP**6025A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.54
5212836	PH13NB048****A	CAP**6025A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5212834	PH13NB048****A	CAP**6025A**	PG9UAA060120	47,500	11.7	13.7	45,000	3.62	8.0	27,800	2.54
5212832	PH13NB048****A	CAP**6025A**+TDR		48,000	11.3	13.2	46,000	3.62	8.0	28,800	2.50
5212855	PH13NB048****A	CNPH*4821A**	PG8*EA048090	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5212856	PH13NB048****A	CNPH*4821A**	PG8*EA060110	47,000	11.7	13.7	44,500	3.64	8.2	27,400	2.54
5212857	PH13NB048****A	CNPH*4821A**	PG8*EA060135	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5212931	PH13NB048****A	CNPH*4821A**	PG8*VA060110	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5212852	PH13NB048****A	CNPH*4821A**	PG95XA*48080B***	46,500	11.2	13.0	45,000	3.50	7.8	28,000	2.46
5212853	PH13NB048****A	CNPH*4821A**	PG95XA*48100C***	47,000	11.3	13.2	45,000	3.54	7.8	27,800	2.48
5212902	PH13NB048****A	CNPH*4821A**	PG95XA*60080C***	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5212903	PH13NB048****A	CNPH*4821A**	PG95XA*60100C***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5212854	PH13NB048****A	CNPH*4821A**	PG95XA*66120D***	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5212929	PH13NB048****A	CNPH*4821A**	PG96VA*60080C***	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5212930	PH13NB048****A	CNPH*4821A**	PG96VA*60100C***	47,000	11.7	13.7	44,500	3.60	8.0	27,600	2.52
5212858	PH13NB048****A	CNPH*4821A**	PG9MXA048080	47,000	11.5	13.2	45,000	3.58	8.0	28,000	2.50
5212859	PH13NB048****A	CNPH*4821A**	PG9MXA060100	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5212860	PH13NB048****A	CNPH*4821A**	PG9MXA060120	47,500	11.7	13.7	44,500	3.66	8.0	27,600	2.56
5212865	PH13NB048****A	CNPH*6024A**	PG8*EA048090	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212866	PH13NB048****A	CNPH*6024A**	PG8*EA060110	48,000	12.0	14.0	44,500	3.68	8.2	27,600	2.58
5212867	PH13NB048****A	CNPH*6024A**	PG8*EA060135	48,000	12.0	13.7	45,000	3.68	8.0	27,800	2.56
5212933	PH13NB048****A	CNPH*6024A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,400	2.58
5212862	PH13NB048****A	CNPH*6024A**	PG95XA*48080B***	47,500	11.3	13.2	45,500	3.54	7.8	28,200	2.48
5212863	PH13NB048****A	CNPH*6024A**	PG95XA*48100C***	47,500	11.5	13.5	45,000	3.58	8.0	28,000	2.52
5212864	PH13NB048****A	CNPH*6024A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212932	PH13NB048****A	CNPH*6024A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.56
5212868	PH13NB048****A	CNPH*6024A**	PG9MXA048080	48,000	11.5	13.5	45,500	3.62	8.0	28,000	2.52
5212869	PH13NB048****A	CNPH*6024A**	PG9MXA060100	48,000	12.0	13.7	45,000	3.68	8.2	27,600	2.58
5212870	PH13NB048****A	CNPH*6024A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5212861	PH13NB048****A	CNPH*6024A**+TDR		48,000	11.3	13.2	46,000	3.60	8.0	28,800	2.50
5212840	PH13NB048****A	CNPV*4821A**	PG8*EA048090	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5212841	PH13NB048****A	CNPV*4821A**	PG8*EA060110	47,000	11.7	13.7	44,500	3.64	8.2	27,400	2.54
5212924	PH13NB048****A	CNPV*4821A**	PG8*VA060110	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5212837	PH13NB048****A	CNPV*4821A**	PG95XA*48100C***	47,000	11.3	13.2	45,000	3.54	7.8	27,800	2.48
5212900	PH13NB048****A	CNPV*4821A**	PG95XA*60080C***	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5212901	PH13NB048****A	CNPV*4821A**	PG95XA*60100C***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5212922	PH13NB048****A	CNPV*4821A**	PG96VA*60080C***	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5212923	PH13NB048****A	CNPV*4821A**	PG96VA*60100C***	47,000	11.7	13.7	44,500	3.60	8.0	27,600	2.52
5212842	PH13NB048****A	CNPV*4821A**	PG9MXA060100	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5212838	PH13NB048****A	CNPV*4821A**	PG9UAA060080	46,500	11.5	13.2	44,500	3.52	7.8	27,600	2.48
5212839	PH13NB048****A	CNPV*4821A**	PG9UAA060100	47,000	11.5	13.2	45,000	3.56	7.8	27,800	2.50
5212845	PH13NB048****A	CNPV*4824A**	PG8*EA060135	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5212926	PH13NB048****A	CNPV*4824A**	PG8*VA066135	47,000	11.7	13.7	44,500	3.62	8.0	27,400	2.54
5212843	PH13NB048****A	CNPV*4824A**	PG95XA*66120D***	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5212925	PH13NB048****A	CNPV*4824A**	PG96VA*66120D***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5212846	PH13NB048****A	CNPV*4824A**	PG9MXA060120	47,500	11.7	13.7	44,500	3.66	8.0	27,600	2.56
5212844	PH13NB048****A	CNPV*4824A**	PG9UAA060120	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5212850	PH13NB048****A	CNPV*6024A**	PG8*EA060135	48,000	12.0	13.7	45,000	3.68	8.0	27,800	2.56
5212928	PH13NB048****A	CNPV*6024A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,400	2.58
5212848	PH13NB048****A	CNPV*6024A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212927	PH13NB048****A	CNPV*6024A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.56
5212851	PH13NB048****A	CNPV*6024A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5212849	PH13NB048****A	CNPV*6024A**	PG9UAA060120	47,500	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5212847	PH13NB048****A	CNPV*6024A**+TDR		48,000	11.3	13.2	46,000	3.60	8.0	28,800	2.50
5212875	PH13NB048****A	CSPH*4812A**	PG8*EA048090	47,500	11.7	13.5	45,000	3.62	8.0	27,800	2.52
5212876	PH13NB048****A	CSPH*4812A**	PG8*EA060110	47,500	11.7	13.7	44,500	3.64	8.0	27,400	2.54
5212877	PH13NB048****A	CSPH*4812A**	PG8*EA060135	47,500	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5212938	PH13NB048****A	CSPH*4812A**	PG8*VA048090	47,000	11.5	13.5	45,000	3.58	8.0	27,800	2.50
5212939	PH13NB048****A	CSPH*4812A**	PG8*VA060110	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5212940	PH13NB048****A	CSPH*4812A**	PG8*VA066135	47,500	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5212872	PH13NB048****A	CSPH*4812A**	PG95XA*48080B***	47,000	11.3	13.0	45,000	3.52	7.8	28,200	2.46
5212873	PH13NB048****A	CSPH*4812A**	PG95XA*48100C***	47,000	11.3	13.2	45,000	3.54	7.8	28,000	2.48

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5212904	PH13NB048****A	CSPH*4812A**	PG95XA*60080C***	47,500	11.7	13.5	45,000	3.62	8.0	27,800	2.52
5212905	PH13NB048****A	CSPH*4812A**	PG95XA*60100C***	47,500	11.7	13.7	44,500	3.60	8.0	27,600	2.52
5212874	PH13NB048****A	CSPH*4812A**	PG95XA*60120D***	47,500	11.7	13.5	45,000	3.62	8.0	27,800	2.52
5212934	PH13NB048****A	CSPH*4812A**	PG96VA*48080B***	47,000	11.3	13.0	45,000	3.52	7.8	28,200	2.46
5212935	PH13NB048****A	CSPH*4812A**	PG96VA*60080C***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5212936	PH13NB048****A	CSPH*4812A**	PG96VA*60100C***	47,000	11.7	13.7	44,500	3.60	8.0	27,600	2.52
5212937	PH13NB048****A	CSPH*4812A**	PG96VA*66120D***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5212878	PH13NB048****A	CSPH*4812A**	PG9MXA048080	47,500	11.5	13.2	45,000	3.60	8.0	28,000	2.50
5212879	PH13NB048****A	CSPH*4812A**	PG9MXA060100	47,500	11.7	13.7	45,000	3.64	8.0	27,600	2.54
5212880	PH13NB048****A	CSPH*4812A**	PG9MXA060120	47,500	11.7	13.7	44,500	3.66	8.0	27,600	2.56
5212871	PH13NB048****A	CSPH*4812A**+TDR		48,000	11.3	13.0	46,000	3.60	8.0	28,800	2.50
5212885	PH13NB048****A	CSPH*6012A**	PG8*EA048090	48,000	11.7	13.7	45,000	3.70	8.2	27,800	2.56
5212886	PH13NB048****A	CSPH*6012A**	PG8*EA060110	48,000	12.0	14.0	45,000	3.72	8.2	27,600	2.60
5212887	PH13NB048****A	CSPH*6012A**	PG8*EA060135	48,000	12.0	14.0	45,000	3.72	8.2	27,800	2.58
5212945	PH13NB048****A	CSPH*6012A**	PG8*VA048090	48,000	11.7	13.7	45,000	3.64	8.0	27,600	2.54
5212946	PH13NB048****A	CSPH*6012A**	PG8*VA060110	48,000	12.0	13.7	45,000	3.66	8.0	27,600	2.56
5212947	PH13NB048****A	CSPH*6012A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.70	8.2	27,400	2.58
5212882	PH13NB048****A	CSPH*6012A**	PG95XA*48080B***	47,500	11.3	13.2	45,500	3.58	8.0	28,200	2.50
5212883	PH13NB048****A	CSPH*6012A**	PG95XA*48100C***	48,000	11.5	13.5	45,000	3.62	8.0	28,000	2.52
5212906	PH13NB048****A	CSPH*6012A**	PG95XA*60080C***	48,000	11.7	13.7	45,000	3.68	8.2	28,000	2.56
5212907	PH13NB048****A	CSPH*6012A**	PG95XA*60100C***	48,000	12.0	13.7	45,000	3.68	8.2	27,800	2.58
5212884	PH13NB048****A	CSPH*6012A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.70	8.2	27,800	2.56
5212941	PH13NB048****A	CSPH*6012A**	PG96VA*48080B***	48,000	11.5	13.2	45,500	3.58	8.0	28,200	2.50
5212942	PH13NB048****A	CSPH*6012A**	PG96VA*60080C***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5212943	PH13NB048****A	CSPH*6012A**	PG96VA*60100C***	48,000	12.0	14.0	45,000	3.68	8.2	27,600	2.56
5212944	PH13NB048****A	CSPH*6012A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.68	8.0	27,800	2.56
5212888	PH13NB048****A	CSPH*6012A**	PG9MXA048080	48,000	11.7	13.5	45,500	3.66	8.0	28,200	2.54
5212889	PH13NB048****A	CSPH*6012A**	PG9MXA060100	48,000	12.0	14.0	45,000	3.72	8.2	27,800	2.58
5212890	PH13NB048****A	CSPH*6012A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.74	8.2	27,800	2.60
5212881	PH13NB048****A	CSPH*6012A**+TDR		48,000	11.3	13.2	46,000	3.66	8.0	28,800	2.52
5212806	PH13NB048****A	FB4CNF060		47,500	11.5	13.5	45,000	3.68	8.0	28,200	2.56
5212893	PH13NB048****A	PF4MNA049		48,000	11.7	13.7	46,000	3.54	7.8	29,000	2.46
5212894	PH13NB048****A	PF4MNA060		48,000	11.2	13.0	45,500	3.68	8.2	28,200	2.56
5212895	PH13NB048****A	PF4MNA061		48,000	12.0	14.0	45,500	3.80	8.2	28,200	2.60
5212891	PH13NB048****A	PF4MNB049		48,000	12.0	14.0	46,500	3.62	8.0	29,000	2.48
5212892	PH13NB048****A	PF4MNB061		48,000	12.2	14.0	45,000	3.74	8.2	28,000	2.60
5212948	PH13NB060****A	†PF4MNB061		57,500	11.0	13.0	55,000	3.66	8.0	33,600	2.48
5212949	PH13NB060****A	PF4MNA061		57,500	10.8	13.0	55,000	3.64	8.0	33,800	2.48
5265520	PH13PB048****A	†FB4CNF048		47,000	11.0	13.0	45,000	3.58	8.0	28,200	2.50
5265624	PH13PB048****A	CAP**4817A**	PG8*VA048090	47,000	11.5	13.2	45,000	3.58	8.0	27,800	2.50
5265523	PH13PB048****A	CAP**4817A**	PG95XA*48080B***	46,500	11.2	13.0	45,500	3.52	7.8	28,200	2.46
5265623	PH13PB048****A	CAP**4817A**	PG96VA*48080B***	46,500	11.2	13.0	45,500	3.52	7.8	28,200	2.46
5265524	PH13PB048****A	CAP**4817A**	PG9MXA048080	47,000	11.3	13.2	45,500	3.60	8.0	28,000	2.50
5265522	PH13PB048****A	CAP**4817A**+TDR		47,000	11.3	13.0	45,500	3.56	7.8	28,200	2.48
5265528	PH13PB048****A	CAP**4821A**	PG8*EA048090	47,000	11.5	13.5	45,000	3.58	8.0	27,800	2.52
5265529	PH13PB048****A	CAP**4821A**	PG8*EA060110	47,000	11.7	13.7	44,500	3.60	8.0	27,400	2.54
5265627	PH13PB048****A	CAP**4821A**	PG8*VA060110	46,500	11.5	13.2	44,500	3.56	7.8	27,600	2.50
5265525	PH13PB048****A	CAP**4821A**	PG95XA*48100C***	46,500	11.3	13.0	45,000	3.52	7.8	27,800	2.48
5265611	PH13PB048****A	CAP**4821A**	PG95XA*60080C***	47,000	11.5	13.2	45,000	3.64	8.0	32,600	2.76
5265612	PH13PB048****A	CAP**4821A**	PG95XA*60100C***	46,500	11.5	13.5	44,500	3.64	8.0	32,600	2.78
5265625	PH13PB048****A	CAP**4821A**	PG96VA*60080C***	46,500	11.5	13.5	44,500	3.56	7.8	27,600	2.50
5265626	PH13PB048****A	CAP**4821A**	PG96VA*60100C***	46,500	11.5	13.5	44,500	3.56	7.8	27,400	2.52
5265530	PH13PB048****A	CAP**4821A**	PG9MXA060100	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5265526	PH13PB048****A	CAP**4821A**	PG9UAA060080	46,500	11.3	13.2	44,500	3.50	7.8	27,600	2.48
5265527	PH13PB048****A	CAP**4821A**	PG9UAA060100	46,500	11.3	13.2	45,000	3.54	7.8	28,000	2.48
5265533	PH13PB048****A	CAP**4824A**	PG8*EA060135	47,000	11.7	13.5	44,500	3.62	8.0	27,600	2.54
5265629	PH13PB048****A	CAP**4824A**	PG8*VA066135	47,000	11.7	13.7	44,500	3.60	8.0	27,400	2.54
5265531	PH13PB048****A	CAP**4824A**	PG95XA*66120D***	47,000	11.5	13.5	45,000	3.60	8.0	27,800	2.52
5265628	PH13PB048****A	CAP**4824A**	PG96VA*66120D***	47,000	11.5	13.5	44,500	3.58	8.0	27,600	2.52
5265534	PH13PB048****A	CAP**4824A**	PG9MXA060120	47,000	11.7	13.7	44,500	3.64	8.0	27,600	2.56
5265532	PH13PB048****A	CAP**4824A**	PG9UAA060120	46,500	11.5	13.5	44,500	3.56	7.8	27,600	2.50
5265539	PH13PB048****A	CAP**6021A**	PG8*EA048090	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.54
5265540	PH13PB048****A	CAP**6021A**	PG8*EA060110	48,000	12.0	14.0	44,500	3.68	8.0	27,600	2.58
5265632	PH13PB048****A	CAP**6021A**	PG8*VA060110	47,500	11.7	13.7	45,000	3.62	8.0	27,600	2.54
5265536	PH13PB048****A	CAP**6021A**	PG95XA*48100C***	47,500	11.5	13.2	45,000	3.58	8.0	28,000	2.50
5265613	PH13PB048****A	CAP**6021A**	PG95XA*60080C***	48,000	11.7	13.7	45,000	3.70	8.0	32,200	2.80
5265614	PH13PB048****A	CAP**6021A**	PG95XA*60100C***	48,000	11.7	13.7	45,000	3.70	8.0	32,200	2.82
5265630	PH13PB048****A	CAP**6021A**	PG96VA*60080C***	47,500	11.7	13.7	45,000	3.62	8.0	27,600	2.54
5265631	PH13PB048****A	CAP**6021A**	PG96VA*60100C***	48,000	11.7	13.7	45,000	3.64	8.0	27,600	2.56
5265541	PH13PB048****A	CAP**6021A**	PG9MXA060100	48,000	11.7	13.7	45,000	3.68	8.0	27,800	2.56
5265537	PH13PB048****A	CAP**6021A**	PG9UAA060080	47,500	11.5	13.5	45,000	3.56	7.8	27,800	2.50
5265538	PH13PB048****A	CAP**6021A**	PG9UAA060100	47,500	11.5	13.5	45,000	3.60	8.0	28,000	2.52
5265535	PH13PB048****A	CAP**6021A**+TDR		48,000	11.3	13.2	46,000	3.62	8.0	28,800	2.50
5265545	PH13PB048****A	CAP**6024A**	PG8*EA060135	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5265634	PH13PB048****A	CAP**6024A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,600	2.56
5265543	PH13PB048****A	CAP**6024A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56

PH13NB

See notes on page 19

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5265633	PH13PB048****A	CAP**6024A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.54
5265546	PH13PB048****A	CAP**6024A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5265544	PH13PB048****A	CAP**6024A**	PG9UAA060120	47,500	11.7	13.7	45,000	3.62	8.0	27,800	2.54
5265542	PH13PB048****A	CAP**6024A**+TDR		48,000	11.3	13.2	46,000	3.62	8.0	28,800	2.50
5265550	PH13PB048****A	CAP**6025A**	PG8*EA060135	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5265636	PH13PB048****A	CAP**6025A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,600	2.56
5265548	PH13PB048****A	CAP**6025A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5265635	PH13PB048****A	CAP**6025A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.54
5265551	PH13PB048****A	CAP**6025A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5265549	PH13PB048****A	CAP**6025A**	PG9UAA060120	47,500	11.7	13.7	45,000	3.62	8.0	27,800	2.54
5265547	PH13PB048****A	CAP**6025A**+TDR		48,000	11.3	13.2	46,000	3.62	8.0	28,800	2.50
5265570	PH13PB048****A	CNPH*4821A**	PG8*EA048090	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5265571	PH13PB048****A	CNPH*4821A**	PG8*EA060110	47,000	11.7	13.7	44,500	3.64	8.2	27,400	2.54
5265572	PH13PB048****A	CNPH*4821A**	PG8*EA060135	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5265646	PH13PB048****A	CNPH*4821A**	PG8*VA060110	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5265567	PH13PB048****A	CNPH*4821A**	PG95XA*48080B***	46,500	11.2	13.0	45,000	3.50	7.8	28,000	2.46
5265568	PH13PB048****A	CNPH*4821A**	PG95XA*48100C***	47,000	11.3	13.2	45,000	3.54	7.8	27,800	2.48
5265617	PH13PB048****A	CNPH*4821A**	PG95XA*60080C***	47,000	11.7	13.5	45,000	3.64	8.0	32,800	2.74
5265618	PH13PB048****A	CNPH*4821A**	PG95XA*60100C***	47,000	11.7	13.5	44,500	3.64	8.0	32,600	2.76
5265569	PH13PB048****A	CNPH*4821A**	PG95XA*66120D***	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5265644	PH13PB048****A	CNPH*4821A**	PG96VA*60080C***	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5265645	PH13PB048****A	CNPH*4821A**	PG96VA*60100C***	47,000	11.7	13.7	44,500	3.60	8.0	27,600	2.52
5265573	PH13PB048****A	CNPH*4821A**	PG9MXA048080	47,000	11.5	13.2	45,000	3.58	8.0	28,000	2.50
5265574	PH13PB048****A	CNPH*4821A**	PG9MXA060100	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5265575	PH13PB048****A	CNPH*4821A**	PG9MXA060120	47,500	11.7	13.7	44,500	3.66	8.0	27,600	2.56
5265580	PH13PB048****A	CNPH*6024A**	PG8*EA048090	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5265581	PH13PB048****A	CNPH*6024A**	PG8*EA060110	48,000	12.0	14.0	44,500	3.68	8.2	27,600	2.58
5265582	PH13PB048****A	CNPH*6024A**	PG8*EA060135	48,000	12.0	13.7	45,000	3.68	8.0	27,800	2.56
5265648	PH13PB048****A	CNPH*6024A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,400	2.58
5265577	PH13PB048****A	CNPH*6024A**	PG95XA*48080B***	47,500	11.3	13.2	45,500	3.54	7.8	28,200	2.48
5265578	PH13PB048****A	CNPH*6024A**	PG95XA*48100C***	47,500	11.5	13.5	45,000	3.58	8.0	28,000	2.52
5265579	PH13PB048****A	CNPH*6024A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5265647	PH13PB048****A	CNPH*6024A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.56
5265583	PH13PB048****A	CNPH*6024A**	PG9MXA048080	48,000	11.5	13.5	45,500	3.62	8.0	28,000	2.52
5265584	PH13PB048****A	CNPH*6024A**	PG9MXA060100	48,000	12.0	13.7	45,000	3.68	8.2	27,600	2.58
5265585	PH13PB048****A	CNPH*6024A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5265576	PH13PB048****A	CNPH*6024A**+TDR		48,000	11.3	13.2	46,000	3.60	8.0	28,800	2.50
5265555	PH13PB048****A	CNPV*4821A**	PG8*EA048090	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5265556	PH13PB048****A	CNPV*4821A**	PG8*EA060110	47,000	11.7	13.7	44,500	3.64	8.2	27,400	2.54
5265639	PH13PB048****A	CNPV*4821A**	PG8*VA060110	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5265552	PH13PB048****A	CNPV*4821A**	PG95XA*48100C***	47,000	11.3	13.2	45,000	3.54	7.8	27,800	2.48
5265615	PH13PB048****A	CNPV*4821A**	PG95XA*60080C***	47,000	11.7	13.5	45,000	3.64	8.0	32,800	2.74
5265616	PH13PB048****A	CNPV*4821A**	PG95XA*60100C***	47,000	11.7	13.5	44,500	3.64	8.0	32,600	2.76
5265637	PH13PB048****A	CNPV*4821A**	PG96VA*60080C***	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5265638	PH13PB048****A	CNPV*4821A**	PG96VA*60100C***	47,000	11.7	13.7	44,500	3.60	8.0	27,600	2.52
5265557	PH13PB048****A	CNPV*4821A**	PG9MXA060100	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5265553	PH13PB048****A	CNPV*4821A**	PG9UAA060080	46,500	11.5	13.2	44,500	3.52	7.8	27,600	2.48
5265554	PH13PB048****A	CNPV*4821A**	PG9UAA060100	47,000	11.5	13.2	45,000	3.56	7.8	27,800	2.50
5265560	PH13PB048****A	CNPV*4824A**	PG8*EA060135	47,000	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5265641	PH13PB048****A	CNPV*4824A**	PG8*VA066135	47,000	11.7	13.7	44,500	3.62	8.0	27,400	2.54
5265558	PH13PB048****A	CNPV*4824A**	PG95XA*66120D***	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5265640	PH13PB048****A	CNPV*4824A**	PG96VA*66120D***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5265561	PH13PB048****A	CNPV*4824A**	PG9MXA060120	47,500	11.7	13.7	44,500	3.66	8.0	27,600	2.56
5265559	PH13PB048****A	CNPV*4824A**	PG9UAA060120	47,000	11.7	13.5	44,500	3.58	8.0	27,600	2.52
5265565	PH13PB048****A	CNPV*6024A**	PG8*EA060135	48,000	12.0	13.7	45,000	3.68	8.0	27,800	2.56
5265643	PH13PB048****A	CNPV*6024A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.66	8.0	27,400	2.58
5265563	PH13PB048****A	CNPV*6024A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5265642	PH13PB048****A	CNPV*6024A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.64	8.0	27,800	2.56
5265566	PH13PB048****A	CNPV*6024A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.70	8.2	27,600	2.58
5265564	PH13PB048****A	CNPV*6024A**	PG9UAA060120	47,500	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5265562	PH13PB048****A	CNPV*6024A**+TDR		48,000	11.3	13.2	46,000	3.60	8.0	28,800	2.50
5265590	PH13PB048****A	CSPH*4812A**	PG8*EA048090	47,500	11.7	13.5	45,000	3.62	8.0	27,800	2.52
5265591	PH13PB048****A	CSPH*4812A**	PG8*EA060110	47,500	11.7	13.7	44,500	3.64	8.0	27,400	2.54
5265592	PH13PB048****A	CSPH*4812A**	PG8*EA060135	47,500	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5265653	PH13PB048****A	CSPH*4812A**	PG8*VA048090	47,000	11.5	13.5	45,000	3.58	8.0	27,800	2.50
5265654	PH13PB048****A	CSPH*4812A**	PG8*VA060110	47,000	11.7	13.5	45,000	3.60	8.0	27,800	2.52
5265655	PH13PB048****A	CSPH*4812A**	PG8*VA066135	47,500	11.7	13.7	44,500	3.62	8.0	27,600	2.54
5265587	PH13PB048****A	CSPH*4812A**	PG95XA*48080B***	47,000	11.3	13.0	45,000	3.52	7.8	28,200	2.46
5265588	PH13PB048****A	CSPH*4812A**	PG95XA*48100C***	47,000	11.3	13.2	45,000	3.54	7.8	28,000	2.48
5265619	PH13PB048****A	CSPH*4812A**	PG95XA*60080C***	47,500	11.7	13.5	45,000	3.68	8.0	32,800	2.76
5265620	PH13PB048****A	CSPH*4812A**	PG95XA*60100C***	47,500	11.7	13.7	44,500	3.68	8.0	32,600	2.78
5265589	PH13PB048****A	CSPH*4812A**	PG95XA*66120D***	47,500	11.7	13.5	45,000	3.62	8.0	27,800	2.52
5265649	PH13PB048****A	CSPH*4812A**	PG96VA*48080B***	47,000	11.3	13.0	45,000	3.52	7.8	28,200	2.46
5265650	PH13PB048****A	CSPH*4812A**	PG96VA*60080C***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5265651	PH13PB048****A	CSPH*4812A**	PG96VA*60100C***	47,000	11.7	13.7	44,500	3.60	8.0	27,600	2.52
5265652	PH13PB048****A	CSPH*4812A**	PG96VA*66120D***	47,000	11.7	13.5	44,500	3.60	8.0	27,600	2.52
5265593	PH13PB048****A	CSPH*4812A**	PG9MXA048080	47,500	11.5	13.2	45,000	3.60	8.0	28,000	2.50
5265594	PH13PB048****A	CSPH*4812A**	PG9MXA060100	47,500	11.7	13.7	45,000	3.64	8.0	27,600	2.54

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							Capacity 47°F (8°C)	COP		Capacity 17°F (-8°C)	COP
5265595	PH13PB048****A	CSPH*4812A**	PG9MXA060120	47,500	11.7	13.7	44,500	3.66	8.0	27,600	2.56
5265586	PH13PB048****A	CSPH*4812A**+TDR		48,000	11.3	13.0	46,000	3.60	8.0	28,800	2.50
5265600	PH13PB048****A	CSPH*6012A**	PG8*EA048090	48,000	11.7	13.7	45,000	3.70	8.2	27,800	2.56
5265601	PH13PB048****A	CSPH*6012A**	PG8*EA060110	48,000	12.0	14.0	45,000	3.72	8.2	27,600	2.60
5265602	PH13PB048****A	CSPH*6012A**	PG8*EA060135	48,000	12.0	14.0	45,000	3.72	8.2	27,800	2.58
5265660	PH13PB048****A	CSPH*6012A**	PG8*VA048090	48,000	11.7	13.7	45,000	3.64	8.0	27,600	2.54
5265661	PH13PB048****A	CSPH*6012A**	PG8*VA060110	48,000	12.0	13.7	45,000	3.66	8.0	27,600	2.56
5265662	PH13PB048****A	CSPH*6012A**	PG8*VA066135	48,000	12.0	14.0	44,500	3.70	8.2	27,400	2.58
5265597	PH13PB048****A	CSPH*6012A**	PG95XA*48080B***	47,500	11.3	13.2	45,500	3.58	8.0	28,200	2.50
5265598	PH13PB048****A	CSPH*6012A**	PG95XA*48100C***	48,000	11.5	13.5	45,000	3.62	8.0	28,000	2.52
5265621	PH13PB048****A	CSPH*6012A**	PG95XA*60080C***	48,000	11.7	13.7	45,000	3.74	8.2	32,400	2.82
5265622	PH13PB048****A	CSPH*6012A**	PG95XA*60100C***	48,000	12.0	13.7	45,000	3.76	8.2	32,200	2.84
5265599	PH13PB048****A	CSPH*6012A**	PG95XA*66120D***	48,000	11.7	13.7	45,000	3.70	8.2	27,800	2.56
5265656	PH13PB048****A	CSPH*6012A**	PG96VA*48080B***	48,000	11.5	13.2	45,500	3.58	8.0	28,200	2.50
5265657	PH13PB048****A	CSPH*6012A**	PG96VA*60080C***	48,000	11.7	13.7	45,000	3.66	8.0	27,800	2.56
5265658	PH13PB048****A	CSPH*6012A**	PG96VA*60100C***	48,000	12.0	14.0	45,000	3.68	8.2	27,600	2.56
5265659	PH13PB048****A	CSPH*6012A**	PG96VA*66120D***	48,000	11.7	13.7	45,000	3.68	8.0	27,800	2.56
5265603	PH13PB048****A	CSPH*6012A**	PG9MXA048080	48,000	11.7	13.5	45,500	3.66	8.0	28,200	2.54
5265604	PH13PB048****A	CSPH*6012A**	PG9MXA060100	48,000	12.0	14.0	45,000	3.72	8.2	27,800	2.58
5265605	PH13PB048****A	CSPH*6012A**	PG9MXA060120	48,000	12.0	14.0	45,000	3.74	8.2	27,800	2.60
5265596	PH13PB048****A	CSPH*6012A**+TDR		48,000	11.3	13.2	46,000	3.66	8.0	28,800	2.52
5265521	PH13PB048****A	FB4CNF060		47,500	11.5	13.5	45,000	3.68	8.0	28,200	2.56
5265608	PH13PB048****A	PF4MNA049		48,000	11.7	13.7	46,000	3.54	7.8	29,000	2.46
5265609	PH13PB048****A	PF4MNA060		48,000	11.2	13.0	45,500	3.68	8.2	28,200	2.56
5265610	PH13PB048****A	PF4MNA061		48,000	12.0	14.0	45,500	3.80	8.2	28,200	2.60
5265606	PH13PB048****A	PF4MNB049		48,000	12.0	14.0	46,500	3.62	8.0	29,000	2.48
5265607	PH13PB048****A	PF4MNB061		48,000	12.2	14.0	45,000	3.74	8.2	28,000	2.60
5265663	PH13PB060****A	†PF4MNB061		57,500	11.0	13.0	55,000	3.66	8.0	33,600	2.48
5265664	PH13PB060****A	PF4MNA061		57,500	10.8	13.0	55,000	3.64	8.0	33,800	2.48

† Tested combination.

* Ratings are net values reflecting the effects of circulating fan heat. Supplemental electric heat is not included. Ratings are based on:

Cooling Standard: 80°F (27°C) db 67°F (19°C) wb indoor entering air temperature and 95°F (35°C) db air entering outdoor unit.

High-Temp Heating Standard: 70°F (21°C) db indoor entering air temperature and 47°F (8°C) db 43°F (6°C) wb air entering outdoor unit.

Low-Temp Heating Standard: 70°F (21°C) db indoor entering air temperature and 17°F (-8°C) db 15°F (-9°C) wb air entering outdoor unit.

COP — Coefficient of Performance

EER — Energy Efficiency Ratio

HSPF — Heating Seasonal Performance Factor

SEER — Seasonal Energy Efficiency Ratio

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.

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)		Total Sys. KW**		
		Capacity MBtuh Total†	Sens‡	Capacity MBtuh Total†	Sens‡	Capacity MBtuh Total†	Sens‡	Capacity MBtuh Total†	Sens‡	Capacity MBtuh Total†	Sens‡			
PH13NB018 – A Outdoor Section With PF4MNA019 Indoor Section														
525	57 (13.9)	16.28	16.28	15.63	15.63	14.93	14.93	14.17	14.17	13.36	13.36	1.96		
	62 (16.7)	16.88	15.29	14.88	13.37	15.19	14.44	14.27	13.96	13.36	13.36	1.96		
	67 (19.4)	18.54	12.90	17.64	12.51	16.69	12.10	15.67	11.67	14.58	11.22	1.97		
	72 (22.2)	20.35	10.48	19.38	10.11	18.35	9.71	17.26	9.30	16.09	8.86	1.99		
600	57 (13.9)	16.97	16.97	16.27	16.27	15.53	15.53	14.73	14.73	13.87	13.87	1.98		
	62 (16.7)	17.28	16.37	16.44	15.93	15.56	15.49	14.73	14.73	13.87	13.87	1.98		
	67 (19.4)	18.93	13.71	17.99	13.31	17.00	12.90	15.95	12.46	14.82	12.00	1.99		
	72 (22.2)	20.76	10.99	19.75	10.60	18.68	10.21	17.55	9.79	16.34	9.34	2.01		
675	57 (13.9)	17.55	17.55	16.82	16.82	16.03	16.03	15.19	15.19	14.29	14.29	2.00		
	62 (16.7)	17.64	17.34	16.82	16.82	16.03	16.03	15.19	15.19	14.29	14.29	2.00		
	67 (19.4)	19.23	14.48	18.26	14.08	17.24	13.66	16.16	13.22	15.00	12.74	2.00		
	72 (22.2)	21.08	11.47	20.04	11.08	18.94	10.67	17.78	10.25	16.53	9.80	2.02		

COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	
*FB4CNF018		1.00	1.00		
FB4CNF024		1.00	1.00		
FF1ENP019		1.03	0.99		
FF1ENP025		1.03	0.97		
PF4MNA019		1.03	0.99		
PF4MNA025		1.03	0.97		
PF4MNB019		1.03	0.95		
PF4MNB025		1.03	0.97		
CAP**2414A**		1.03	0.97	PG8*EA024045	
CNPH*2417A**		1.03	0.97	PG8*EA024045	
CNPV*1814A**		1.03	0.98	PG8*EA024045	
CNPV*2414A**		1.03	0.97	PG8*EA024045	
CSPH*2412A**		1.03	0.97	PG8*EA024045	
CAP**2414A**		1.02	0.96	PG8*VA036070	
CNPV*1814A**		1.02	0.97	PG8*VA036070	
CNPV*2414A**		1.03	0.97	PG8*VA036070	
CSPH*2412A**		1.03	0.97	PG8*VA036070	
CAP**2417A**		1.03	0.97	PG8*VA048090	
CNPH*2417A**		1.03	0.97	PG8*VA048090	
CNPV*2417A**		1.03	0.97	PG8*VA048090	
CSPH*2412A**		1.03	0.97	PG8*VA048090	
CAP**2417A**		1.03	0.97	PG96VA*42060B***	
CNPH*2417A**		1.03	0.97	PG96VA*42060B***	
CNPV*2417A**		1.03	0.97	PG96VA*42060B***	
CSPH*2412A**		1.03	0.97	PG96VA*42060B***	
CAP**2417A**		1.03	0.97	PG96VA*48080B***	
CNPH*2417A**		1.03	0.97	PG96VA*48080B***	
CNPV*2417A**		1.03	0.97	PG96VA*48080B***	
CSPH*2412A**		1.03	0.97	PG96VA*48080B***	
CSPH*2412A**		1.03	0.97	PG96VA*60100C***	
CAP**2417A**		1.03	0.95	PG9MXA036060	
CNPH*2417A**		1.03	0.97	PG9MXA036060	
CNPV*2417A**		1.03	0.97	PG9MXA036060	
CSPH*2412A**		1.03	0.97	PG9MXA036060	
CAP**2417A**		1.03	0.97	PG9UAA042060	
CNPV*2417A**		1.03	0.97	PG9UAA042060	

See notes on pg. 29

DETAILED COOLING CAPACITIES* (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)															
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			
		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**	
CFM	EWB ° F (° C)	Total†	Sens†	Total†	Sens†	Total†	Sens†	Total†	Sens†	Total†	Sens†	Total†	Sens†	Total†	Sens†	Total Sys. KW**	
PH13NB024 – A Outdoor Section With PF4MNA025 Indoor Section																	
700	57 (13.9)	21.35	21.35		1.64	20.55	20.55	1.84	19.67	19.67	2.07	18.70	18.70	2.32	17.62	17.62	2.60
	62 (16.7)	22.17	20.15	1.65	19.64	21.17	19.64	1.85	19.09	20.08	2.07	18.90	18.47	2.32	17.63	17.63	2.60
	67 (19.4)	24.25	16.96	1.67	23.18	23.18	16.49	1.87	22.01	15.99	2.09	20.73	15.44	2.34	19.30	14.84	2.62
	72 (22.2)	26.47	13.74	1.70	25.35	25.35	13.30	1.90	24.12	12.82	2.12	22.75	12.30	2.37	21.24	11.72	2.64
800	57 (13.9)	22.20	22.20	1.66	21.35	21.35	1.87	20.42	20.42	2.09	19.40	19.40	2.34	18.27	18.27	2.62	
	62 (16.7)	22.66	21.51	1.67	21.63	20.97	1.87	20.54	20.35	2.09	19.40	19.40	2.34	18.27	18.27	2.62	
	67 (19.4)	24.71	17.98	1.69	23.61	17.51	1.89	22.40	17.00	2.11	21.07	16.45	2.36	19.60	15.84	2.64	
	72 (22.2)	26.95	14.36	1.73	25.79	23.61	1.93	24.52	13.43	2.15	23.11	12.90	2.39	21.54	12.32	2.67	
900	57 (13.9)	22.90	22.90	1.69	22.01	22.01	1.89	21.05	21.05	2.12	19.99	19.99	2.37	18.80	18.80	2.65	
	62 (16.7)	22.71	22.71	1.69	22.03	22.03	1.89	21.05	21.05	2.12	19.98	19.98	2.37	18.80	18.80	2.65	
	67 (19.4)	25.06	18.95	1.72	23.93	18.47	1.92	22.69	17.96	2.14	21.33	17.40	2.38	19.82	16.77	2.66	
	72 (22.2)	27.32	14.95	1.76	26.13	14.50	1.96	24.82	14.01	2.18	23.38	13.48	2.42	21.77	12.89	2.69	

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FB4CNF024	1.00	1.00	
FB4CNF030	1.03	0.98	
FF1ENP025	1.03	0.98	
FF1ENP031	1.03	1.00	
PF4MNA025	1.03	0.98	
PF4MNA031	1.03	0.96	
PF4MNB025	1.03	0.96	
PF4MNB031	1.03	0.98	
CAP**2414A**	1.03	0.98	PG8*EA024045
CNP**3014A**	1.03	0.96	PG8*EA024045
CNPV*2417A**	1.03	0.96	PG8*EA024045
CNPV*3017A**	1.03	0.96	PG8*EA024045
CNPV*2414A**	1.03	0.98	PG8*EA024045
CNPV*3014A**	1.03	0.96	PG8*EA024045
CSPH*2412A**	1.03	0.96	PG8*EA024045
CSPH*3012A**	1.03	0.96	PG8*EA024045
CAP**2414A**	1.03	0.96	PG8*EA036070
CNP**3014A**	1.03	0.96	PG8*EA036070
CNPV*2417A**	1.03	0.96	PG8*EA036070
CNPV*3017A**	1.03	0.96	PG8*EA036070
CNPV*2414A**	1.03	0.96	PG8*EA036070
CNPV*3014A**	1.03	0.96	PG8*EA036070
CSPH*2412A**	1.03	0.96	PG8*EA036070
CSPH*3012A**	1.03	0.96	PG8*EA036070
CAP**2417A**	1.03	0.96	PG8*EA048090
CNP**3017A**	1.03	0.96	PG8*EA048090
CNPV*2417A**	1.03	0.96	PG8*EA048090
CNPV*3017A**	1.03	0.96	PG8*EA048090
CNPV*2414A**	1.03	0.94	PG8*EA048090
CNPV*3014A**	1.03	0.96	PG8*EA048090
CSPH*2412A**	1.03	0.96	PG8*EA048090
CSPH*3012A**	1.03	0.96	PG8*EA048090
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG8*EA06110
CNPV*2414A**	1.03	0.96	PG8*EA06110
CNPV*3014A**	1.03	0.96	PG8*EA06110
CSPH*2412A**	1.03	0.96	PG8*EA06110
CSPH*3012A**	1.03	0.96	PG8*EA06110
CAP**2417A**	1.03	0.96	PG8*EA06110
CNP**3017A**	1.03	0.96	PG8*EA06110
CNPV*2417A**	1.03	0.96	PG8*EA06110
CNPV*3017A**	1.03	0.96	PG

DETAILED COOLING CAPACITIES* (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																	
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)	
		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†	
CFM	EWB ° F (° C)	PH13NB030 – A Outdoor Section With PF4MNA031 Indoor Section																	
875	57 (13.9)	27.59	27.59	2.14	26.52	27.48	2.42	25.38	25.38	2.66	24.13	24.13	2.98	22.76	22.76	3.34			
	62 (16.7)	28.63	26.25	2.15	27.31	25.58	2.39	25.90	24.85	2.67	24.40	24.05	2.98	22.77	22.77	3.34			
	67 (19.4)	31.16	22.04	2.17	29.71	21.40	2.42	28.17	20.72	2.69	26.51	20.00	3.00	24.70	19.23	3.36			
	72 (22.2)	33.88	17.79	2.19	32.31	17.17	2.45	30.64	16.51	2.72	28.85	15.81	3.03	26.88	15.06	3.39			
	77 (25.0)	36.60	14.51	2.21	34.84	14.51	2.47	32.99	13.82	2.74	31.00	13.07	3.05	29.00	12.31	3.41			
1000	57 (13.9)	28.61	28.61	2.18	27.48	27.48	2.42	26.26	26.26	2.70	24.94	24.94	3.01	23.49	23.49	3.38			
	62 (16.7)	29.21	27.99	2.18	27.84	27.27	2.43	26.46	26.46	2.70	24.94	24.94	3.02	23.48	23.48	3.38			
	67 (19.4)	31.71	23.34	2.20	30.20	22.68	2.45	28.60	22.00	2.72	26.88	21.27	3.04	25.00	20.48	3.39			
	72 (22.2)	34.46	18.58	2.23	32.81	17.94	2.48	31.09	17.28	2.75	29.23	16.57	3.06	27.20	15.81	3.42			
	77 (25.0)	37.18	15.31	2.25	35.31	15.31	2.49	33.19	14.62	2.76	31.20	13.86	3.07	29.21	13.10	3.44			
1125	57 (13.9)	29.46	29.46	2.21	28.26	28.26	2.46	26.99	26.99	2.73	25.60	25.60	3.05	24.08	24.08	3.41			
	62 (16.7)	29.70	29.56	2.21	28.30	28.30	2.46	26.99	26.99	2.73	25.60	25.60	3.05	24.07	24.07	3.41			
	67 (19.4)	32.14	24.60	2.23	30.57	23.93	2.48	28.93	23.24	2.76	27.16	22.49	3.07	25.24	21.68	3.42			
	72 (22.2)	34.90	19.33	2.26	33.21	18.69	2.51	31.43	18.02	2.79	29.52	17.30	3.10	27.44	16.53	3.45			
	77 (25.0)	37.62	16.06	2.28	35.71	16.06	2.51	33.53	16.53	2.81	31.54	15.82	3.12	29.45	14.81	3.47			

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FB4CNF030	1.00	1.00	
FB4CNF036	1.00	1.00	PG8*EA048070
FF1ENP031	1.05	1.02	PG8*EA048070
FF1ENP037	1.05	1.03	PG8*EA048070
PF4MNA031	1.05	1.02	PG8*EA048070
PF4MNA037	1.05	1.03	PG8*EA048070
PF4MNB031	1.05	1.00	PG8*EA048070
PF4MNB037	1.05	0.99	PG8*EA048070
CAP**3017A**	1.05	1.02	PG8*EA048070
CAP**3617A**	1.05	1.02	PG8*EA048070
CNPV*3017A**	1.05	1.02	PG8*EA048070
CNPV*3617A**	1.05	1.02	PG8*EA048070
CSPH*3012A**	1.05	1.02	PG8*EA048070
CSPH*3612A**	1.05	1.00	PG8*EA048090
CAP**3621A**	1.05	1.00	PG8*EA048090
CNPV*3017A**	1.05	1.00	PG8*EA048090
CNPV*3617A**	1.05	1.00	PG8*EA048090
CSPH*3012A**	1.05	1.00	PG8*EA048090
CSPH*3612A**	1.05	1.02	PG8*EA048090
CAP**3614A**	1.04	0.99	PG8*EA036070
CSPH*3012A**	1.05	1.02	PG8*EA036070
CSPH*3612A**	1.05	1.00	PG8*EA048090
CAP**3017A**	1.04	1.00	PG8*EA048090
CAP**3617A**	1.05	1.00	PG8*EA048090
CNPV*3017A**	1.05	1.00	PG8*EA048090
CNPV*3617A**	1.05	1.00	PG8*EA048090
CSPH*3012A**	1.05	1.00	PG8*EA048090
CSPH*3612A**	1.05	0.99	PG8*EA048090
CAP**3614A**	1.04	1.01	PG8*EA036070
CSPH*3012A**	1.05	1.02	PG8*EA036070
CSPH*3612A**	1.05	1.00	PG8*EA048090
CAP**3017A**	1.04	1.00	PG8*EA048090
CAP**3617A**	1.05	1.00	PG8*EA048090
CNPV*3017A**	1.05	1.00	PG8*EA048090
CNPV*3617A**	1.05	1.00	PG8*EA048090
CSPH*3012A**	1.05	1.00	PG8*EA048090
CSPH*3612A**	1.05	0.99	PG8*EA048090
CAP**3621A**	1.05	1.00	PG8*EA060110
CNPV*3017A**	1.05	1.00	PG8*EA060110
CNPV*3617A**	1.05	1.00	PG8*EA060110
CSPH*3012A**	1.05	0.99	PG8*EA060110
CSPH*3612A**	1.05	1.00	PG8*EA066135

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3612A**	1.05	0.99	PG8*VA066135
CAP**3017A**	1.05	1.02	PG95XA*42060B***
CAP**3617A**	1.05	1.02	PG95XA*42060B***
CNPV*3017A**	1.05	1.02	PG95XA*42060B***
CNPV*3617A**	1.05	1.02	PG95XA*42060B***
CSPH*3012A**	1.05	1.02	PG95XA*42060B***
CSPH*3612A**	1.05	1.02	PG95XA*42060B***
CAP**3017A**	1.05	1.00	PG95XA*48080B***
CAP**3617A**	1.05	1.02	PG95XA*48080B***
CNPV*3017A**	1.05	1.02	PG95XA*48080B***
CNPV*3617A**	1.05	1.02	PG95XA*48080B***
CSPH*3012A**	1.05	1.02	PG95XA*48080B***
CSPH*3612A**	1.05	1.02	PG95XA*48080B***
CAP**3017A**	1.04	1.01	PG96VA*42060B***
CAP**3617A**	1.05	1.02	PG96VA*42060B***
CNPV*3017A**	1.05	1.01	PG96VA*42060B***
CNPV*3617A**	1.05	1.02	PG96VA*42060B***
CSPH*3012A**	1.05	1.00	PG96VA*42060B***
CSPH*3612A**	1.05	1.02	PG96VA*42060B***
CAP**3017A**	1.05	1.00	PG96VA*48080B***
CAP**3617A**	1.05	1.02	PG96VA*48080B***
CNPV*3017A**	1.05	1.02	PG96VA*48080B***
CNPV*3617A**	1.05	1.02	PG96VA*48080B***
CSPH*3012A**	1.05	1.02	PG96VA*48080B***
CSPH*3612A**	1.05	1.02	PG96VA*48080B***
CAP**3017A**	1.05	1.00	PG96VA*60080C***
CAP**3621A**	1.05	0.99	PG96VA*60080C***
CNPV*3017A**	1.05	1.00	PG96VA*60080C***
CNPV*3617A**	1.04	1.00	PG96VA*60100C***
CSPH*3012A**	1.05	0.99	PG96VA*60100C***
CSPH*3612A**	1.05	1.00	PG96VA*60100C***

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3612A**	1.05	0.99	PG96VA*66120D***
CAP**3017A**	1.05	1.00	PG9MVA036080
CAP**3617A**	1.05	1.00	PG9MVA036080
CNPV*3017A**	1.05	1.00	PG9MVA036080
CNPV*3617A**	1.05	1.00	PG9MVA036080
CSPH*3012A**	1.05	1.00	PG9MVA036080
CSPH*3612A**	1.05	0.99	PG9MVA036080
CAP**3017A**	1.05	1.00	PG9MVA036080
CAP**3617A**	1.05	1.00	PG9MVA036080
CNPV*3017A**	1.05	1.00	PG9MVA036080
CNPV*3617A**	1.05	1.00	PG9MVA036080
CSPH*3012A**	1.05	1.00	PG9MVA036080
CSPH*3612A**	1.05	0.99	PG9MVA036080
CAP**3017A**	1.05	1.00	PG9MVA048080
CAP**3617A**	1.05	1.00	PG9MVA048080
CNPV*3017A**	1.05	1.00	PG9MVA048080
CNPV*3617A**	1.05	1.00	PG9MVA048080
CSPH*3012A**	1.05	1.00	PG9MVA048080
CSPH*3612A**	1.05	1.00	PG9MVA048080
CAP**3017A**	1.05	1.00	PG9UAA042060
CAP**3617A**	1.05	1.00	PG9UAA042060
CNPV*3017A**	1.05	1.00	PG9UAA042060
CNPV*3617A**	1.05	1.00	PG9UAA042060
CSPH*3012A**	1.04	1.00	PG9UAA042080
CSPH*3612A**	1.05	1.00	PG9UAA060080
CAP**3621A**	1.05	1.00	PG9UAA060080
CAP**3621A**	1.04	1.00	PG9UAA060100

DETAILED COOLING CAPACITIES* (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																															
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)															
		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†															
CFM	EWB ° F (° C)	PH131N8036-A Outdoor Section With PF4MNA037 Indoor Section																															
1050	57 (13.9)	32.52	32.52	2.55	31.30	31.30	2.83	29.99	29.99	3.14	28.56	28.56	3.50	27.00	27.00	3.92	1200	57 (13.9)	32.52	32.52	2.55	31.30	31.30	2.83	29.99	29.99	3.14	28.56	28.56	3.50	27.00	27.00	3.92
	62 (16.7)	33.65	32.04	2.56	32.15	32.15	2.83	30.54	30.39	3.14	28.82	28.82	3.50	27.01	27.01	3.92		62 (16.7)	33.65	32.04	2.56	32.15	32.15	2.83	30.54	30.39	3.14	28.82	28.82	3.50	27.01	27.01	3.92
	67 (19.4)	36.82	26.93	2.58	35.20	35.20	2.85	33.45	25.41	3.17	31.56	31.56	3.52	29.49	23.67	3.93		67 (19.4)	36.82	26.93	2.58	35.20	35.20	2.85	33.45	25.41	3.17	31.56	31.56	3.52	29.49	23.67	3.93
	72 (22.2)	40.26	21.75	2.60	38.53	38.53	2.88	36.67	20.30	3.19	34.85	34.85	3.55	32.44	18.62	3.95		72 (22.2)	40.26	21.75	2.60	38.53	38.53	2.88	36.67	20.30	3.19	34.85	34.85	3.55	32.44	18.62	3.95
	77 (25.0)	43.76	13.99	2.62	42.48	42.48	2.87	40.61	31.10	3.54	38.98	38.98	3.96	36.05	27.95	4.00		77 (25.0)	43.76	13.99	2.62	42.48	42.48	2.87	40.61	31.10	3.54	38.98	38.98	3.96	36.05	27.95	4.00
1350	62 (16.7)	34.37	34.18	2.60	32.83	33.32	2.88	31.21	30.92	3.19	29.59	29.59	3.54	27.95	27.95	3.96	1500	62 (16.7)	34.37	34.18	2.60	32.83	33.32	2.88	31.21	30.92	3.19	29.59	29.59	3.54	27.95	27.95	3.96
	67 (19.4)	37.50	28.54	2.62	35.81	37.00	2.90	34.00	27.00	3.21	32.04	32.04	3.56	29.91	25.23	3.97		67 (19.4)	37.50	28.54	2.62	35.81	37.00	2.90	34.00	27.00	3.21	32.04	32.04	3.56	29.91	25.23	3.97
	72 (22.2)	40.96	22.73	2.65	39.18	22.01	2.93	37.25	21.25	3.24	35.16	35.16	3.59	32.88	19.56	3.99		72 (22.2)	40.96	22.73	2.65	39.18	22.01	2.93	37.25	21.25	3.24	35.16	35.16	3.59	32.88	19.56	3.99
	77 (25.0)	44.80	16.80	2.68	43.45	33.45	2.92	41.01	32.01	3.23	39.04	39.04	3.59	36.73	14.00	4.00		77 (25.0)	44.80	16.80	2.68	43.45	33.45	2.92	41.01	32.01	3.23	39.04	39.04	3.59	36.73	14.00	4.00
	82 (27.2)	48.00	10.00	2.70	46.67	36.67	2.94	44.67	34.67	3.25	42.67	42.67	3.60	40.67	12.00	4.01		82 (27.2)	48.00	10.00	2.70	46.67	36.67	2.94	44.67	34.67	3.25	42.67	42.67	3.60	40.67	12.00	4.01
1500	67 (19.4)	38.03	30.11	2.66	36.29	29.35	2.94	34.43	28.55	3.25	32.42	32.42	3.60	30.24	26.73	4.01	1650	67 (19.4)	38.03	30.11	2.66	36.29	29.35	2.94	34.43	28.55	3.25	32.42	32.42	3.60	30.24	26.73	4.01
	72 (22.2)	41.51	23.67	2.69	39.68	22.95	2.97	37.69	22.18	3.28	35.55	35.55	3.63	33.21	20.47	4.04		72 (22.2)	41.51	23.67	2.69	39.68	22.95	2.97	37.69	22.18	3.28	35.55	35.55	3.63	33.21	20.47	4.04

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FB4CNF036	1.00	1.00	
FB4CNF042	1.02	0.97	
FF1ENP037	1.01	0.99	
PF4MNA037	1.02	0.96	
PF4MNA043	1.04	0.98	
PF4MNB037	1.05	0.94	
PF4MNB043	1.05	0.94	
CSPH*4212A**	1.04	1.01	PG8*EA024045
CNPV*4221A**	1.01	0.98	PG8*EA024045
CSPH*3612A**	1.02	0.98	PG8*EA024045
CSPH*4212A**	1.03	0.98	PG8*EA048070
CAP**3617A**	1.01	0.96	PG8*EA048070
CNPV*3617A**	1.00	0.96	PG8*EA048070
CNPV*4211A**	1.01	0.95	PG8*EA048070
CNPV*3617A**	1.00	0.96	PG8*EA048070
CNPV*4217A**	1.02	0.96	PG8*EA048070
CSPH*3612A**	1.02	0.96	PG8*EA048070
CSPH*4212A**	1.04	0.97	PG8*EA048070
CAP**3621A**	1.02	0.93	PG8*EA048090
CNPV*4221A**	1.02	0.92	PG8*EA048090
CNPV*3617A**	1.01	0.95	PG8*EA048090
CNPV*4221A**	1.02	0.93	PG8*EA048090
CNPV*3621A**	1.01	0.92	PG8*EA048090
CNPV*4221A**	1.02	0.93	PG8*EA048090
CSPH*3612A**	1.04	0.93	PG8*EA048090
CSPH*4212A**	1.04	0.94	PG8*EA048090
CAP**3621A**	1.02	0.92	PG8*EA060110
CAP**4221A**	1.03	0.93	PG8*EA060110
CNPV*3617A**	1.01	0.93	PG8*EA060110
CNPV*4221A**	1.02	0.92	PG8*EA060110
CNPV*3621A**	1.01	0.93	PG8*EA060110
CNPV*4221A**	1.02	0.92	PG8*EA060110
CSPH*3612A**	1.04	0.93	PG8*EA060110
CSPH*4212A**	1.05	0.94	PG8*EA060110
CAP**3614A**	1.00	0.94	PG8*VA036070
CSPH*3612A**	1.02	0.94	PG8*VA036070
CSPH*4212A**	1.03	0.94	PG8*VA036070

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3617A**	1.01	0.92	PG8*VA048090
CNPH*3617A**	1.00	0.94	PG8*VA048090
CNPH*3617A**	1.00	0.94	PG8*VA048090
CNPV*4217A**	1.02	0.94	PG8*VA048090
CSPH*3612A**	1.02	0.92	PG8*VA048090
CSPH*4212A**	1.03	0.93	PG8*VA048090
CAP**3621A**	1.01	0.92	PG8*VA060110
CAP**4221A**	1.01	0.93	PG8*VA060110
CNPH*4221A**	1.02	0.93	PG8*VA060110
CNPV*3621A**	1.01	0.95	PG8*VA060110
CNPV*4221A**	1.02	0.93	PG8*VA060110
CSPH*3612A**	1.03	0.93	PG8*VA060110
CSPH*4212A**	1.04	0.93	PG8*VA060110
CSPH*3612A**	1.03	0.93	PG8*VA066135
CSPH*4212A**	1.04	0.93	PG8*VA066135
CAP**3617A**	1.00	0.96	PG95XA*42060B***
CNPH*3617A**	1.00	0.96	PG95XA*42060B***
CNPH*4221A**	1.01	0.95	PG95XA*42060B***
CNPV*3617A**	1.00	0.96	PG95XA*42060B***
CNPV*4217A**	1.02	0.96	PG95XA*42060B***
CSPH*3612A**	1.03	0.97	PG95XA*42060B***
CAP**3617A**	1.00	0.94	PG95XA*48080B***
CNPH*3617A**	0.99	0.93	PG95XA*48080B***
CNPH*4221A**	1.01	0.95	PG95XA*48080B***
CNPV*3617A**	0.99	0.93	PG95XA*48080B***
CNPV*4217A**	1.02	0.96	PG95XA*48080B***
CSPH*3612A**	1.02	0.94	PG95XA*48080B***
CSPH*4212A**	1.03	0.94	PG95XA*48080B***
CAP**3617A**	1.00	0.96	PG96VA*42060B***
CNPH*3617A**	0.99	0.95	PG96VA*42060B***
CNPV*3617A**	0.99	0.95	PG96VA*42060B***
CNPV*4217A**	1.02	0.96	PG96VA*42060B***
CSPH*3612A**	1.02	0.96	PG96VA*42060B***
CSPH*4212A**	1.03	0.97	PG96VA*42060B***
CAP**3617A**	1.01	0.95	PG96VA*48080B***
CNPH*3617A**	1.00	0.94	PG96VA*48080B***

Cooling Indoor Model	Capacity	Power	Furnace Model
CNPV*3617A**	1.00	0.94	PGE6VA*4808OB***
CNPV*4217A**	1.02	0.96	PGE6VA*4808OB***
CSFH*3612A**	1.02	0.96	PGE6VA*4808OB***
CSFH*4212A**	1.04	0.95	PGE6VA*4808OB***
CAP**3621A**	1.01	0.92	PGE6VA*6008OC***
CAP**4221A**	1.01	0.93	PGE6VA*6008OC***
CNPV*4221A**	1.01	0.93	PGE6VA*6008OC***
CNPV*3621A**	1.00	0.94	PGE6VA*6008OC***
CNPV*4221A**	1.01	0.93	PGE6VA*6008OC***
CSFH*3612A**	1.02	0.92	PGE6VA*6008OC***
CSFH*4212A**	1.03	0.93	PGE6VA*6008OC***
CAP**3621A**	1.01	0.92	PGE6VA*6010OC***
CAP**4221A**	1.01	0.93	PGE6VA*6010OC***
CNPV*4221A**	1.01	0.93	PGE6VA*6010OC***
CNPV*3621A**	1.00	0.94	PGE6VA*6010OC***
CNPV*4221A**	1.01	0.93	PGE6VA*6010OC***
CSFH*3612A**	1.02	0.92	PGE6VA*6010OC***
CSFH*4212A**	1.03	0.93	PGE6VA*6010OC***
CAP**4224A**	1.02	0.93	PGE6VA*6612OD***
CSPH*3612A**	1.02	0.92	PGE6VA*6612OD***
CSFH*4212A**	1.04	0.93	PGE6VA*6612OD***
CAP**3617A**	1.01	0.95	PGBMXA036060
CNPV*3617A**	1.01	0.95	PGBMXA036060
CNPV*4221A**	1.02	0.94	PGBMXA036060
CNPV*3617A**	1.01	0.95	PGBMXA036060
CNPV*4217A**	1.03	0.94	PGBMXA036060
CSFH*3612A**	1.04	0.95	PGBMXA036060
CSPH*4212A**	1.04	0.94	PGBMXA036060
CAP**3617A**	1.01	0.95	PGBMXA036060
CNPV*3617A**	1.01	0.95	PGBMXA036060
CNPV*4221A**	1.02	0.93	PGBMXA036060
CNPV*3617A**	1.01	0.95	PGBMXA036060
CNPV*4217A**	1.02	0.94	PGBMXA036060
CSFH*3612A**	1.03	0.93	PGBMXA036060
CSFH*4212A**	1.04	0.94	PGBMXA036060
CAP**3617A**	1.01	0.95	PGBMXA048080
CNPV*3617A**	1.01	0.95	PGBMXA048080

DETAILED COOLING CAPACITIES* (CONT.)

PH13NB036 – A Outdoor Section With PF4MNA037 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*4221A**	1.02	0.94	PG9MXXA048080
CNPV*3617A**	1.01	0.95	PG9MXXA048080
CNPV*4217A**	1.03	0.94	PG9MXXA048080
CSPH*3612A**	1.04	0.95	PG9MXXA048080
CSPH*4212A**	1.04	0.94	PG9MXXA048080
CAP**3621A**	1.01	0.91	PG9MXXA060100
CAP**4221A**	1.02	0.92	PG9MXXA060100
CNPH*3617A**	1.00	0.92	PG9MXXA060100
CNPH*4221A**	1.02	0.92	PG9MXXA060100
CNPV*3621A**	1.01	0.92	PG9MXXA060100
CNPV*4221A**	1.02	0.92	PG9MXXA060100
CSPH*3612A**	1.03	0.93	PG9MXXA060100
CSPH*4212A**	1.04	0.93	PG9MXXA060100
CAP**3617A**	1.01	0.95	PG9UAA042060
CNPV*3617A**	1.01	0.95	PG9UAA042060
CNPV*4217A**	1.02	0.94	PG9UAA042060
CAP**3621A**	1.01	0.95	PG9UAA042080
CAP**4221A**	1.01	0.95	PG9UAA042080
CNPV*3621A**	1.00	0.94	PG9UAA042080
CNPV*4221A**	1.01	0.95	PG9UAA042080
CAP**3621A**	1.01	0.95	PG9UAA060080
CAP**4221A**	1.01	0.93	PG9UAA060080
CNPV*3621A**	1.00	0.94	PG9UAA060080
CNPV*4221A**	1.01	0.95	PG9UAA060080
CAP**3621A**	1.01	0.92	PG9UAA060100
CAP**4221A**	1.02	0.93	PG9UAA060100
CNPV*3621A**	1.01	0.95	PG9UAA060100
CNPV*4221A**	1.02	0.93	PG9UAA060100
CAP**4224A**	1.01	0.93	PG9UAA060120

See notes on pg. 29

DETAILED COOLING CAPACITIES* (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)														
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)		
CFM	EWB °F (°C)	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†	
PH13NB042 – A Outdoor Section With PF4MNA043 Indoor Section																
1225	57 (13.9)	38.22	38.22	3.03	36.77	36.77	3.37	35.23	35.23	3.74	33.60	33.60	4.14	31.84	31.84	4.60
	62 (16.7)	39.66	35.89	3.02	37.84	34.98	3.37	35.94	34.02	3.74	33.96	32.99	4.15	31.87	31.87	4.60
	67 (19.4)	43.44	30.19	2.97	41.45	29.31	3.34	39.35	28.42	3.73	37.14	27.48	4.15	34.79	26.49	4.61
	72 (22.2)	47.61	24.46	2.89	45.44	23.60	3.29	43.16	22.72	3.71	40.76	21.81	4.15	38.20	20.84	4.62
1400	57 (13.9)	39.71	39.71	3.06	38.16	38.16	3.41	36.52	36.52	3.79	34.79	34.79	4.20	32.93	32.93	4.65
	62 (16.7)	40.51	38.33	3.05	38.63	37.34	3.41	36.70	36.25	3.79	34.79	34.79	4.20	32.92	32.92	4.65
	67 (19.4)	44.27	32.00	2.99	42.19	31.11	3.38	40.00	30.20	3.77	37.71	29.25	4.20	35.27	28.24	4.66
	72 (22.2)	48.52	25.57	2.91	46.24	24.70	3.32	43.87	23.80	3.74	41.38	22.87	4.19	38.72	21.89	4.67
1575	57 (13.9)	40.95	40.95	3.09	39.31	39.31	3.45	37.59	37.59	3.83	35.77	35.77	4.24	33.82	33.82	4.70
	62 (16.7)	41.24	40.48	3.09	39.34	39.34	3.45	37.59	37.59	3.83	35.77	35.77	4.24	33.81	33.81	4.70
	67 (19.4)	44.90	33.73	3.03	42.74	32.82	3.41	40.48	31.90	3.82	38.12	30.92	4.24	35.62	29.89	4.71
	72 (22.2)	49.20	26.61	2.94	46.85	25.73	3.36	44.40	24.82	3.78	41.84	23.88	4.23	39.10	22.88	4.72

COOLING		CAPACITY		POWER		FURNACE MODEL	
INDOOR MODEL							
*FB4CNF042		1.00		1.00		PG8*VA060110	
FB4CNF048		1.00		1.00		PG8*VA060110	
PF4MNA043		1.01		0.99		PG8*VA060110	
PF4MNA049		1.01		0.95		PG8*VA060110	
PF4MNB043		1.01		0.99		PG8*VA060110	
PF4MNB049		1.01		0.95		PG8*VA060110	
CAP**4221A**		1.00		0.97		PG8*VA060110	
CNPV*4821A**		1.00		0.97		PG8*VA060110	
CSPH*4812A**		1.00		0.97		PG8*VA060110	
CAP**4821A**		1.01		0.97		PG8*VA060110	
CNPV*4821A**		1.01		0.97		PG8*VA060110	
CSPH*4812A**		1.01		0.97		PG8*VA060110	
CAP**4221A**		1.00		0.95		PG8*VA060135	
CNPV*4821A**		1.01		0.95		PG8*VA060135	
CSPH*4812A**		1.01		0.95		PG8*VA060135	
CAP**4817A**		1.01		0.99		PG95XA*48080B***	
CNPV*4821A**		1.01		0.99		PG95XA*48080B***	
CSPH*4812A**		1.01		0.99		PG95XA*48080B***	
CAP**4821A**		1.01		0.99		PG95XA*48080B***	
CNPV*4821A**		1.01		0.99		PG95XA*48100C***	
CSPH*4812A**		1.01		0.99		PG95XA*48100C***	
CAP**4821A**		1.01		0.99		PG95XA*48100C***	
CNPV*4821A**		1.01		0.99		PG95XA*48100C***	
CSPH*4812A**		1.01		0.99		PG95XA*48100C***	
CAP**4221A**		1.00		0.98		PG95XA*60080C***	
CNPV*4821A**		1.01		0.98		PG95XA*60080C***	
CSPH*4812A**		1.01		0.98		PG95XA*60080C***	
CAP**4821A**		1.00		0.97		PG95XA*60080C***	
CNPV*4821A**		1.01		0.97		PG95XA*60080C***	
CSPH*4812A**		1.01		0.97		PG95XA*60080C***	
CAP**4221A**		1.00		0.97		PG95XA*60100C***	
CNPV*4821A**		1.01		0.97		PG95XA*60100C***	
CSPH*4812A**		1.01		0.97		PG95XA*60100C***	
CAP**4817A**		1.01		0.99		PG9MXA036070	
CNPV*4821A**		1.01		0.99		PG9MXA036070	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	
CSPH*4812A**		1.01		0.97		PG9MXA036080	
CAP**4817A**		1.01		0.99		PG9MXA036080	
CNPV*4821A**		1.01		0.99		PG9MXA036080	
CSPH*4812A**		1.01		0.99		PG9MXA036080	
CAP**4221A**		1.00		0.97		PG9MXA036080	
CNPV*4821A**		1.01		0.97		PG9MXA036080	

DETAILED COOLING CAPACITIES* (CONT.)

PH13NB042 – A Outdoor Section With PF4MNA043 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4212A**	1.01	0.97	PG9MXXA036080
CSPH*4812A**	1.01	0.97	PG9MXXA036080
CAP**4817A**	1.01	0.99	PG9MXXA048080
CNPH*4821A**	1.01	0.97	PG9MXXA048080
CNPV*4217A**	1.01	0.99	PG9MXXA048080
CSPH*4212A**	1.01	0.97	PG9MXXA048080
CSPH*4812A**	1.01	0.97	PG9MXXA048080
CAP**4221A**	1.01	0.99	PG9MXXA060100
CAP**4821A**	1.01	0.97	PG9MXXA060100
CNPH*4221A**	1.00	0.97	PG9MXXA060100
CNPH*4821A**	1.01	0.95	PG9MXXA060100
CNPV*4221A**	1.00	0.97	PG9MXXA060100
CNPV*4821A**	1.01	0.95	PG9MXXA060100
CSPH*4212A**	1.01	0.95	PG9MXXA060100
CSPH*4812A**	1.01	0.95	PG9MXXA060100
CAP**4224A**	1.01	0.97	PG9MXXA060120
CAP**4824A**	1.01	0.95	PG9MXXA060120
CNPH*4221A**	1.01	0.97	PG9MXXA060120
CNPH*4821A**	1.01	0.95	PG9MXXA060120
CNPV*4824A**	1.01	0.95	PG9MXXA060120
CSPH*4212A**	1.01	0.95	PG9MXXA060120
CSPH*4812A**	1.01	0.95	PG9MXXA060120
CAP**4817A**	1.01	0.99	PG9UAA042060
CNPV*4217A**	1.01	0.99	PG9UAA042060
CNPV*4821A**	1.01	0.99	PG9UAA042080
CAP**4821A**	1.01	0.99	PG9UAA060080
CNPV*4821A**	1.01	0.99	PG9UAA060080
CAP**4821A**	1.01	0.99	PG9UAA060100
CNPV*4821A**	1.01	0.99	PG9UAA060100
CAP**4224A**	1.00	0.97	PG9UAA060120
CAP**4824A**	1.01	0.97	PG9UAA060120
CNPV*4824A**	1.01	0.97	PG9UAA060120

See notes on pg. 29

DETAILED COOLING CAPACITIES* (CONT.)

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)					
		Capacity MBtuh Total†	Sens‡	Total Sys. KW**	Capacity MBtuh Total†	Sens‡	Total Sys. KW**	Capacity MBtuh Total†	Sens‡	Total Sys. KW**	Capacity MBtuh Total†	Sens‡			
PH13NB048 – A Outdoor Section With PF4MNA049 Indoor Section															
1400	57 (13.9)	43.34	43.34	3.32	41.63	3.72	39.85	39.85	37.99	37.99	35.98	35.98	5.13		
	62 (16.7)	44.87	41.72	3.32	42.73	3.73	40.55	39.51	38.30	38.30	35.98	35.98	5.13		
	67 (19.4)	49.06	34.99	3.33	46.72	3.95	44.31	32.90	41.81	31.82	4.65	39.14	30.68	5.17	
	72 (22.2)	53.58	28.21	3.32	51.03	27.19	3.76	48.41	26.16	4.21	45.69	25.10	42.80	23.99	5.21
1600	57 (13.9)	45.02	45.02	3.38	43.19	3.79	41.30	41.30	39.32	39.32	37.19	37.19	5.21		
	62 (16.7)	45.80	44.60	3.38	43.61	3.79	41.40	41.17	39.32	39.32	37.19	37.19	5.21		
	67 (19.4)	49.95	37.13	3.38	47.51	36.07	3.81	45.00	35.00	4.25	42.40	33.90	39.64	32.73	5.23
	72 (22.2)	54.51	29.49	3.37	51.85	28.46	3.82	49.14	27.41	4.27	46.31	26.34	43.31	25.21	5.27
1800	57 (13.9)	46.41	46.41	3.44	44.48	3.85	42.50	42.50	40.41	40.41	38.18	38.18	5.28		
	62 (16.7)	46.62	47.13	3.44	44.48	3.85	42.49	42.49	40.41	40.41	38.17	38.17	5.28		
	67 (19.4)	50.61	39.17	3.44	48.08	38.10	3.87	45.50	37.00	4.31	42.82	35.87	39.99	34.68	5.30
	72 (22.2)	55.20	30.70	3.43	52.46	29.66	3.88	49.66	28.60	4.34	46.76	27.51	43.68	26.37	5.34

COOLING			FURNACE MODEL		
INDOOR MODEL	CAPACITY	POWER	INDOOR MODEL	CAPACITY	POWER
*FB4CNF048	1.00	1.00	CSPH*6012A**	1.02	0.94
FB4CNF060	1.01	0.97	CAP**4817A**	1.00	0.96
PF4MNA049	1.02	0.96	CSPH*4812A**	1.00	0.96
PF4MNA060	1.02	1.00	CSPH*6012A**	1.02	0.96
PF4MNA061	1.02	0.94	CAP**4821A**	0.99	0.95
PF4MNB049	1.02	0.94	CAP**6021A**	1.01	0.95
PF4MNB061	1.02	0.92	CNPV*4821A**	1.00	0.94
CAP**4817A**	1.00	0.97	CNPV*4821A**	1.00	0.94
CAP**6021A**	1.02	0.99	CSPH*4812A**	1.00	0.94
CAP**6024A**	1.02	0.99	CSPH*6012A**	1.02	0.94
CAP**6025A**	1.02	0.99	CAP**4824A**	1.00	0.94
CNPV*6024A**	1.02	0.99	CAP**6024A**	1.02	0.94
CSPH*4812A**	1.02	0.99	CAP**6025A**	1.02	0.94
CSPH*6012A**	1.02	0.99	CNPV*4824A**	1.00	0.94
CAP**4821A**	1.00	0.96	CNPV*6024A**	1.01	0.95
CNPV*4812A**	1.02	0.99	CSPH*4812A**	1.02	0.94
CNPV*6012A**	1.00	0.96	CSPH*4812A**	1.00	0.97
CAP**4817A**	1.00	0.97	CSPH*6012A**	1.02	0.98
CAP**6021A**	1.02	0.96	CSPH*4812A**	1.01	0.98
CAP**6024A**	1.02	0.94	CSPH*4812A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CSPH*6012A**	1.01	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.01	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CNPV*6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CSPH*4812A**	1.00	0.94	CNPV*4821A**	1.00	0.97
CSPH*6012A**	1.01	0.95	CNPV*4821A**	1.00	0.97
CAP**6021A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CAP**6024A**	1.02	0.94	CNPV*4821A**	1.00	0.97
CNPV*4824A**					

DETAILED COOLING CAPACITIES* (CONT.)

PH13NB048 – A Outdoor Section With PF4MNA049 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4817A**	1.00	0.97	PG9MXXA048080
CNPH*4821A**	1.00	0.96	PG9MXXA048080
CNPH*6024A**	1.02	0.98	PG9MXXA048080
CSPH*4812A**	1.01	0.97	PG9MXXA048080
CSPH*6012A**	1.02	0.96	PG9MXXA048080
CAP**4821A**	1.00	0.94	PG9MXXA060100
CAP**6021A**	1.02	0.96	PG9MXXA060100
CNPH*4821A**	1.00	0.94	PG9MXXA060100
CNPH*6024A**	1.02	0.94	PG9MXXA060100
CNPV*4821A**	1.00	0.94	PG9MXXA060100
CSPH*4812A**	1.01	0.95	PG9MXXA060100
CSPH*6012A**	1.02	0.94	PG9MXXA060100
CAP**4824A**	1.00	0.94	PG9MXXA060120
CAP**6024A**	1.02	0.94	PG9MXXA060120
CAP**6025A**	1.02	0.94	PG9MXXA060120
CNPH*4821A**	1.01	0.95	PG9MXXA060120
CNPH*6024A**	1.02	0.94	PG9MXXA060120
CNPV*4824A**	1.01	0.95	PG9MXXA060120
CNPV*6024A**	1.02	0.94	PG9MXXA060120
CSPH*4812A**	1.01	0.95	PG9MXXA060120
CSPH*6012A**	1.02	0.94	PG9MXXA060120
CAP**4821A**	0.99	0.96	PG9UAA060080
CAP**6021A**	1.01	0.97	PG9UAA060080
CNPV*4821A**	0.99	0.95	PG9UAA060080
CAP**4821A**	0.99	0.96	PG9UAA060100
CAP**6021A**	1.01	0.97	PG9UAA060100
CNPV*4821A**	1.00	0.96	PG9UAA060100
CAP**4824A**	0.99	0.95	PG9UAA060120
CAP**6024A**	1.01	0.95	PG9UAA060120
CNPV*4824A**	1.00	0.94	PG9UAA060120
CNPV*6024A**	1.01	0.95	PG9UAA060120

See notes on pg. 29

DETAILED COOLING CAPACITIES* (CONT.)

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)		
		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‡	
		PH13NB060 – A Outdoor Section With PF4MNA061 Indoor Section														
1750	57 (13.9)	55.54	53.48	4.16	53.48	51.28	4.59	51.28	51.28	5.08	48.90	48.90	5.65	46.29	46.29	6.29
	62 (16.7)	57.44	54.88	4.18	54.88	52.18	4.61	52.18	50.00	5.10	49.30	49.30	5.65	46.30	46.30	6.29
	67 (19.4)	62.76	59.97	4.26	59.97	42.89	4.69	44.11	41.60	5.18	53.81	40.23	5.74	50.35	38.77	6.37
	72 (22.2)	68.52	65.52	4.35	65.52	34.33	4.79	62.31	33.07	5.28	58.87	31.74	5.84	55.14	30.30	6.47
2000	57 (13.9)	57.66	55.47	4.26	55.47	53.13	4.70	53.13	51.19	5.19	50.59	50.59	5.76	47.81	47.81	6.40
	62 (16.7)	58.62	56.27	4.28	56.00	54.88	4.71	53.27	52.93	5.19	50.59	50.59	5.76	47.81	47.81	6.40
	67 (19.4)	63.88	46.77	4.35	60.98	45.53	4.79	57.88	44.22	5.27	54.57	42.83	5.83	50.98	41.32	6.46
	72 (22.2)	69.71	37.09	4.44	66.59	35.89	4.88	63.26	34.61	5.37	59.70	33.24	5.93	55.84	31.77	6.56
2250	57 (13.9)	59.42	57.10	4.37	57.10	54.63	4.80	54.63	54.63	5.30	51.97	51.97	5.86	49.05	49.05	6.50
	62 (16.7)	59.64	57.10	4.37	57.10	54.63	4.80	54.63	54.63	5.30	51.96	51.96	5.86	49.04	49.04	6.50
	67 (19.4)	64.70	49.31	4.44	61.71	48.04	4.88	58.52	46.71	5.36	55.12	45.28	5.92	51.44	43.74	6.55
	72 (22.2)	70.61	38.58	4.54	67.39	37.35	4.97	63.96	36.04	5.46	60.30	34.65	6.02	56.34	33.14	6.65

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*PF4MNB061	1.00	1.00	
PF4MNA061	1.00	1.02	

* Detailed cooling capacities are based on indoor and outdoor unit at the same elevation, per AHRI Standard 210/240 – 94, and connected by 25 ft of tubing. If other than 25 ft of tubing is used and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

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

‡ Sensible capacities shown are based on 80° F (27° C) entering air at the indoor coil. For sensible capacities at other than 80° F (27° C), deduct 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80° F (27° C), or add 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air per degree above 80° F (27° C).

When the required data falls between the published data, interpolation may be performed.

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

HEAT PUMP HEATING PERFORMANCE

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)																											
		-3 (-13.4)		7 (-13.9)		17 (-8.3)		27 (-2.8)		37 (2.8)		47 (8.3)		57 (13.9)		67 (19.4)													
		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†	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†
EDB ° F (° C)	CFM	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*
PH13NB018--A Outdoor Section With PF4MNA019 Indoor Section																													
65 (18.3)	525	5.98	5.50	1.06	7.95	7.31	1.11	10.05	9.16	1.16	12.36	10.97	1.22	14.69	13.36	1.28	16.61	16.61	1.33	18.39	18.39	1.39	19.94	19.94	1.44				
	600	6.06	5.57	1.06	8.05	7.40	1.11	10.16	9.27	1.15	12.52	11.12	1.20	14.71	13.39	1.25	16.49	16.49	1.29	18.04	18.04	1.33	19.28	19.28	1.37				
	675	6.13	5.64	1.06	8.14	7.48	1.11	10.26	9.36	1.15	12.66	11.24	1.19	14.70	13.37	1.23	16.30	16.30	1.27	17.61	17.61	1.30	18.27	18.27	1.31				
70 (21.1)	525	5.77	5.31	1.11	7.75	7.12	1.16	9.83	8.97	1.22	12.09	10.74	1.28	14.52	13.21	1.35	16.46	16.46	1.40	18.29	18.29	1.46	19.91	19.91	1.52				
	600	5.86	5.39	1.11	7.85	7.22	1.16	9.96	9.08	1.21	12.26	10.89	1.26	14.57	13.26	1.32	16.40	16.40	1.36	18.07	18.07	1.41	19.38	19.38	1.45				
	675	5.93	5.46	1.11	7.91	7.27	1.16	10.06	9.17	1.20	12.40	11.01	1.25	14.58	13.27	1.29	16.26	16.26	1.33	17.70	17.70	1.37	18.78	18.78	1.40				
75 (23.9)	525	5.54	5.09	1.16	7.53	6.92	1.22	9.60	8.75	1.28	11.82	10.50	1.34	14.26	12.98	1.42	16.28	16.28	1.48	18.14	18.14	1.54	19.83	19.83	1.61				
	600	5.62	5.17	1.16	7.64	7.02	1.21	9.73	8.87	1.27	11.99	10.65	1.32	14.39	13.10	1.39	16.27	16.27	1.43	17.97	17.97	1.49	19.40	19.40	1.53				
	675	5.70	5.25	1.16	7.73	7.10	1.21	9.84	8.97	1.26	12.13	10.77	1.31	14.47	13.17	1.36	16.20	16.20	1.41	17.72	17.72	1.45	18.86	18.86	1.48				

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FB4CNF018	1.00	1.00	
FB4CNF024	1.00	1.00	
FF1ENP019	1.00	1.01	
FF1ENP025	0.97	0.96	
PF4MNA019	1.00	1.00	
PF4MNA025	0.97	0.97	
PF4MNB019	0.96	0.95	
PF4MNB025	0.96	0.95	
CAP**2414A**	0.98	0.97	PG8*EA024045
CNPH*2417A**	0.99	0.97	PG8*EA024045
CNPV*1814A**	1.00	1.00	PG8*EA024045
CNPV*2414A**	0.99	0.97	PG8*EA024045
CSPH*2412A**	0.97	0.97	PG8*EA024045
CAP**2414A**	0.98	1.00	PG8*VA036070
CNPV*1814A**	0.99	1.01	PG8*VA036070
CNPV*2414A**	0.99	0.99	PG8*VA036070
CSPH*2412A**	0.97	0.99	PG8*VA036070
CAP**2417A**	0.98	0.99	PG8*VA048090
CNPH*2417A**	0.99	0.99	PG8*VA048090
CNPV*2417A**	0.99	0.99	PG8*VA048090
CSPH*2412A**	0.97	0.98	PG8*VA048090
CAP**2417A**	0.98	0.97	PG96VA*42060B***
CNPH*2417A**	0.99	0.98	PG96VA*42060B***
CNPV*2417A**	0.99	0.98	PG96VA*42060B***
CSPH*2412A**	0.97	0.98	PG96VA*42060B***
CAP**2417A**	0.98	0.96	PG96VA*48080B***
CNPH*2417A**	0.99	0.97	PG96VA*48080B***
CNPV*2417A**	0.99	0.97	PG96VA*48080B***
CSPH*2412A**	0.97	0.97	PG96VA*48080B***
CSPH*2412A**	0.96	0.95	PG96VA*60080C***
CSPH*2412A**	0.96	0.95	PG96VA*60100C***
CSPH*2412A**	0.96	0.95	PG96VA*66120D***
CAP**2417A**	0.98	0.96	PG9MXA036060
CNPH*2417A**	0.99	0.97	PG9MXA036060
CNPV*2417A**	0.99	0.97	PG9MXA036060
CSPH*2412A**	0.96	0.97	PG9MXA036060
CAP**2417A**	0.98	0.99	PG9UA0402060
CNPV*2417A**	0.99	0.99	PG9UA0402060

See notes on pg. 29

HEAT PUMP HEATING PERFORMANCE

INDOOR AIR			OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)																									
			-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)			37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)				
			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†		
EDB °F (°C)	CFM	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*			
PH13NBD24-A Outdoor Section With PF4MNA025 Indoor Section																												
65 (18.3)	700	8.24	7.58	1.40	10.68	9.81	1.48	13.21	12.04	1.55	15.86	14.08	1.61	18.69	17.01	1.67	21.18	21.18	1.71	23.49	23.49	1.77	25.56	25.56	1.84			
	800	8.38	7.71	1.40	10.83	9.96	1.48	13.39	12.20	1.54	16.05	14.26	1.59	18.87	17.17	1.63	21.20	21.20	1.67	23.29	23.29	1.72	25.20	25.20	1.76			
	900	8.50	7.82	1.41	10.97	10.08	1.48	13.54	12.34	1.53	16.21	14.40	1.58	18.98	17.27	1.61	21.17	21.17	1.64	23.06	23.06	1.68	24.76	24.76	1.72			
70 (21.1)	700	7.89	7.26	1.46	10.35	9.51	1.55	12.89	11.75	1.62	15.59	13.84	1.69	18.38	16.72	1.76	20.94	20.94	1.80	23.26	23.26	1.87	25.34	25.34	1.93			
	800	8.03	7.39	1.46	10.51	9.66	1.55	13.07	11.92	1.61	15.79	14.02	1.67	18.58	16.91	1.72	21.00	21.00	1.76	23.13	23.13	1.81	25.08	25.08	1.86			
	900	8.15	7.50	1.47	10.65	9.78	1.55	13.23	12.06	1.60	15.94	14.15	1.65	18.73	17.05	1.70	21.02	21.02	1.73	22.97	22.97	1.77	24.74	24.74	1.81			
75 (23.9)	700	7.49	6.89	1.53	10.00	9.19	1.62	12.55	11.44	1.70	15.26	13.55	1.77	18.07	16.44	1.85	20.67	20.67	1.90	23.02	23.02	1.97	25.08	25.08	2.04			
	800	7.64	7.03	1.53	10.16	9.34	1.62	12.74	11.61	1.69	15.47	13.74	1.75	18.29	16.64	1.81	20.78	20.78	1.85	22.99	22.99	1.91	24.90	24.90	1.96			
	900	7.77	7.15	1.54	10.30	9.46	1.62	12.90	11.76	1.68	15.65	13.90	1.74	18.45	16.79	1.79	20.83	20.83	1.82	22.90	22.90	1.87	24.65	24.65	1.91			
HEATING INDOOR MODEL	FURNACE MODEL	POWER	CAPACITY		HEATING INDOOR MODEL	FURNACE MODEL	POWER	CAPACITY		HEATING INDOOR MODEL	FURNACE MODEL	POWER	CAPACITY		HEATING INDOOR MODEL	FURNACE MODEL	POWER	CAPACITY		HEATING INDOOR MODEL	FURNACE MODEL	POWER	CAPACITY		HEATING INDOOR MODEL	FURNACE MODEL		
			Total	Integ*				Total	Integ*				Total	Integ*				Total	Integ*				Total	Integ*			Total	Integ*
*FB4CNF024		1.00	1.00		CSPH*2412A**		0.99	0.99		PG95XA*42060B***		0.99	0.99		CAP**3017A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
FB4CNF030		1.00	0.96		CSPH*3012A**		1.00	0.97		PG95XA*42060B***		0.97	0.97		CNPV*2417A**		1.01	1.01		PG9UAA042060		0.96	0.96		PG9UAA042060			
FF1ENP025		1.01	0.99		CAP**2417A**		0.99	0.99		PG96VA*42060B***		0.99	0.99		CNPV*3017A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
FF1ENP031		1.01	0.98		CAP**3017A**		0.98	0.97		PG96VA*42060B***		0.97	0.97		CNPV*3017A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
PF4MNA025		1.01	0.99		CNPH*2417A**		0.99	0.99		PG96VA*42060B***		0.99	0.99		CNPV*3017A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
PF4MNA031		1.01	0.96		CNPH*3017A**		0.96	0.97		PG96VA*42060B***		0.97	0.97		CNPV*3017A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
PF4MNB025		1.01	0.96		CNPV*2417A**		0.96	0.99		PG96VA*42060B***		0.99	0.99		CNPV*3017A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
PF4MNB031		1.01	0.96		CNPV*3017A**		0.96	0.97		PG96VA*42060B***		0.97	0.97		CNPV*3017A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**2414A**		1.00	0.98		CSPH*2412A**		0.98	0.99		PG96VA*42060B***		0.99	0.99		CSPH*3012A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**3014A**		1.00	0.97		PG8*EA024045		0.97	0.98		PG96VA*42060B***		0.98	0.97		CSPH*3012A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPH*2417A**		1.00	0.98		PG8*EA024045		0.98	0.98		PG96VA*42060B***		0.98	0.98		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPH*3017A**		1.00	0.96		PG8*EA024045		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPV*2414A**		1.00	0.98		PG8*EA024045		0.98	0.98		PG96VA*42060B***		0.98	0.98		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPV*3014A**		1.00	0.97		PG8*EA024045		0.97	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CSPH*2412A**		1.00	0.98		PG8*EA024045		0.98	0.98		PG96VA*42060B***		0.98	0.98		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CSPH*3012A**		1.01	0.96		PG8*EA024045		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**2414A**		0.99	0.99		PG8*EA036070		0.99	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**3014A**		0.99	0.97		PG8*EA036070		0.97	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPV*2414A**		0.99	0.99		PG8*EA036070		0.99	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPV*3014A**		0.99	0.97		PG8*EA036070		0.97	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CSPH*2412A**		1.00	0.98		PG8*EA036070		0.98	0.98		PG96VA*42060B***		0.98	0.98		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CSPH*3012A**		1.00	0.97		PG8*EA036070		0.97	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**2417A**		0.99	0.99		PG8*EA048090		0.99	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**3017A**		0.99	0.96		PG8*EA048090		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPH*2417A**		0.99	0.96		PG8*EA048090		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPH*3017A**		0.99	0.96		PG8*EA048090		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPV*2417A**		0.99	0.96		PG8*EA048090		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPV*3017A**		0.99	0.96		PG8*EA048090		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CSPH*2412A**		1.00	0.97		PG8*EA048090		0.97	0.97		PG96VA*42060B***		0.97	0.97		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CSPH*3012A**		1.00	0.96		PG8*EA048090		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**2417A**		0.99	0.99		PG8*VA060110		0.99	0.98		PG96VA*42060B***		0.98	0.98		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**3017A**		0.99	0.96		PG8*VA060110		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPH*2417A**		1.00	0.98		PG8*VA066135		0.98	0.98		PG96VA*42060B***		0.98	0.98		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CNPH*3017A**		1.00	0.96		PG8*VA066135		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**2417A**		0.99	0.99		PG95XA*42060B***		0.99	0.98		PG96VA*42060B***		0.98	0.98		CNPV*2414A**		1.00	1.00		PG9UAA042060		0.95	0.95		PG9UAA042060			
CAP**3017A**		0.99	0.96		PG95XA*42060B***		0.96	0.96		PG96VA*42060B***		0.96	0.96		CNPV*2414A**		1.0											

HEAT PUMP HEATING PERFORMANCE

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES * F (°C)																																	
		-3 (-19.4)				7 (-13.9)				17 (-8.3)				27 (-2.8)				37 (2.8)				47 (8.3)				57 (13.9)				67 (19.4)					
		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†	Capacity MBtuh		Total Sys. KW†							
Total	Integ*	Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	Total	Integ*	Total	Integ*	
65 (18.3)	875	12.30	11.32	1.78	15.19	13.96	1.86	18.26	16.65	1.95	21.59	19.18	2.04	24.67	22.45	2.10	27.32	27.32	2.18	29.97	29.97	2.25	32.24	32.24	2.32	PH13NB030-A Outdoor Section With PF4MNA031 Indoor Section				29.97	29.97	2.25	32.24	32.24	2.32
	1000	12.46	11.47	1.78	15.38	14.13	1.86	18.46	16.83	1.93	21.78	19.34	2.01	24.68	22.46	2.07	27.21	27.21	2.13	29.50	29.50	2.18	31.49	31.49	2.23					29.50	29.50	2.18	31.49	31.49	2.23
	1125	12.61	11.60	1.79	15.53	14.27	1.86	18.63	16.99	1.93	21.91	19.46	1.99	24.66	22.44	2.04	26.95	26.95	2.09	28.98	28.98	2.14	30.71	30.71	2.17					28.98	28.98	2.14	30.71	30.71	2.17
70 (21.1)	875	12.00	11.04	1.86	14.89	13.69	1.95	17.99	16.41	2.04	21.29	18.91	2.14	24.43	22.23	2.21	27.10	27.10	2.29	29.79	29.79	2.37	32.05	32.05	2.44	70 (21.1)	875	29.79	29.79	2.37	32.05	32.05	2.44		
	1000	12.17	11.19	1.86	15.08	13.86	1.95	18.20	16.60	2.03	21.49	19.08	2.11	24.49	22.29	2.17	27.00	27.00	2.24	29.44	29.44	2.30	31.47	31.47	2.35			29.44	29.44	2.30	31.47	31.47	2.35		
	1125	12.31	11.33	1.87	15.24	14.01	1.95	18.37	16.75	2.02	21.66	19.23	2.09	24.51	22.31	2.15	26.90	26.90	2.20	29.02	29.02	2.25	30.82	30.82	2.29			29.02	29.02	2.25	30.82	30.82	2.29		
75 (23.9)	875	11.66	10.73	1.95	14.58	13.39	2.05	17.68	16.12	2.14	20.95	18.61	2.25	24.16	21.99	2.32	26.89	26.89	2.41	29.58	29.58	2.50	31.85	31.85	2.57	75 (23.9)	875	29.58	29.58	2.50	31.85	31.85	2.57		
	1000	11.83	10.89	1.95	14.77	13.57	2.04	17.89	16.31	2.13	21.19	18.82	2.22	24.27	22.09	2.28	26.81	26.81	2.35	29.31	29.31	2.42	31.39	31.39	2.48			29.31	29.31	2.42	31.39	31.39	2.48		
	1125	11.99	11.03	1.96	14.93	13.72	2.04	18.08	16.48	2.12	21.36	18.97	2.20	24.33	22.14	2.25	26.71	26.71	2.31	28.99	28.99	2.37	30.85	30.85	2.42			28.99	28.99	2.37	30.85	30.85	2.42		

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FB4CNF030	1.00	1.00	
FB4CNF036	1.00	1.00	
FF1ENP031	1.04	1.05	
FF1ENP037	1.05	1.04	
PF4MNA031	1.05	1.04	
PF4MNA037	1.05	1.04	
PF4MNB031	1.05	1.02	
PF4MNB037	1.03	0.98	
CAP**3017A**	1.04	1.05	PG8*EA048070
CNPH*3017A**	1.04	1.05	PG8*EA048070
CNPH*3617A**	1.04	1.05	PG8*EA048070
CNPV*3017A**	1.04	1.05	PG8*EA048070
CNPH*3617A**	1.04	1.05	PG8*EA048070
CNPV*3617A**	1.04	1.05	PG8*EA048070
CSPH*3012A**	1.04	1.04	PG8*EA048070
CSPH*3612A**	1.04	1.01	PG8*EA048070
CAP**3621A**	1.04	1.02	PG8*EA048090
CNPH*3017A**	1.03	1.04	PG8*EA048090
CNPH*3617A**	1.03	1.04	PG8*EA048090
CNPV*3017A**	1.03	1.04	PG8*EA048090
CNPV*3617A**	1.03	1.04	PG8*EA048090
CSPH*3012A**	1.03	1.04	PG8*EA048090
CSPH*3612A**	1.03	1.04	PG8*EA048090
CAP**3614A**	1.03	1.05	PG8*EA036070
CSPH*3012A**	1.03	1.03	PG8*VA036070
CSPH*3612A**	1.03	1.01	PG8*VA036070
CAP**3017A**	1.03	1.05	PG8*VA048090
CNPV*3017A**	1.03	1.03	PG8*VA048090
CNPV*3617A**	1.03	1.03	PG8*VA048090
CNPH*3017A**	1.03	1.04	PG8*VA048090
CNPH*3617A**	1.03	1.04	PG8*VA048090
CNPV*3017A**	1.03	1.04	PG8*VA048090
CNPV*3617A**	1.03	1.04	PG8*VA048090
CSPH*3012A**	1.03	1.04	PG8*VA060110
CSPH*3612A**	1.03	1.02	PG8*VA060110
CAP**3012A**	1.03	1.00	PG8*VA060110
CNPH*3012A**	1.03	1.02	PG8*VA066135
CNPH*3612A**	1.03	1.00	PG8*VA066135

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3017A**	1.04	1.05	PG95XA*42060B***
CNPH*3017A**	1.04	1.05	PG95XA*42060B***
CNPH*3617A**	1.04	1.05	PG95XA*42060B***
CNPV*3017A**	1.04	1.05	PG95XA*42060B***
CNPV*3617A**	1.04	1.05	PG95XA*42060B***
CSPH*3012A**	1.04	1.05	PG95XA*42060B***
CSPH*3612A**	1.04	1.05	PG95XA*42060B***
CAP**3017A**	1.04	1.04	PG95XA*48080B***
CNPH*3017A**	1.04	1.04	PG95XA*48080B***
CNPH*3617A**	1.04	1.04	PG95XA*48080B***
CNPV*3017A**	1.04	1.04	PG95XA*48080B***
CNPV*3617A**	1.04	1.04	PG95XA*48080B***
CSPH*3012A**	1.04	1.01	PG95XA*48080B***
CSPH*3612A**	1.04	1.04	PG95XA*48080B***
CAP**3017A**	1.04	1.04	PG95XA*48080B***
CNPH*3017A**	1.04	1.04	PG95XA*48080B***
CNPH*3617A**	1.04	1.04	PG95XA*48080B***
CNPV*3017A**	1.04	1.04	PG95XA*48080B***
CNPV*3617A**	1.04	1.04	PG95XA*48080B***
CSPH*3012A**	1.04	1.03	PG96VA*42060B***
CSPH*3612A**	1.03	1.05	PG96VA*42060B***
CAP**3017A**	1.03	1.04	PG96VA*42060B***
CNPH*3017A**	1.03	1.02	PG96VA*48080B***
CNPH*3617A**	1.03	1.05	PG96VA*48080B***
CNPV*3017A**	1.03	1.05	PG96VA*48080B***
CNPV*3617A**	1.03	1.05	PG96VA*48080B***
CSPH*3012A**	1.03	1.03	PG96VA*48080B***
CSPH*3612A**	1.03	1.01	PG96VA*48080B***
CAP**3621A**	1.03	1.02	PG96VA*60080C***
CNPH*3017A**	1.03	1.03	PG96VA*60080C***
CNPH*3617A**	1.03	1.03	PG96VA*60080C***
CNPV*3017A**	1.03	1.03	PG96VA*60080C***
CNPV*3617A**	1.03	1.03	PG96VA*60080C***
CSPH*3012A**	1.03	1.00	PG96VA*60080C***
CSPH*3612A**	1.03	1.03	PG96VA*60100C***
CAP**3621A**	1.02	1.04	PG96VA*60100C***
CNPH*3017A**	1.03	1.04	PG96VA*60100C***
CNPH*3617A**	1.03	1.01	PG96VA*60100C***
CNPV*3017A**	1.03	1.03	PG96VA*60100C***
CNPV*3617A**	1.03	1.03	PG96VA*60100C***
CSPH*3012A**	1.03	1.02	PG96VA*60100C***
CSPH*3612A**	1.03	1.00	PG96VA*60110
CAP**3012A**	1.03	1.02	PG96VA*606135
CNPH*3017A**	1.03	1.00	PG96VA*606135

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3617A**	1.04	1.02	PG9MXA036080
CNPH*3017A**	1.03	1.03	PG9MXA036080
CNPH*3617A**	1.03	1.03	PG9MXA036080
CNPV*3017A**	1.03	1.03	PG9MXA036080
CNPV*3617A**	1.03	1.03	PG9MXA036080
CSPH*3012A**	1.04	1.02	PG9MXA036080
CSPH*3612A**	1.03	0.99	PG9MXA036080
CAP**3017A**	1.04	1.01	PG9MXA048080
CNPH*3017A**	1.04	1.02	PG9MXA048080
CNPH*3617A**	1.04	1.02	PG9MXA048080
CNPV*3017A**	1.04	1.02	PG9MXA048080
CNPV*3617A**	1.04	1.02	PG9MXA048080
CSPH*3012A**	1.04	1.02	PG9MXA048080
CSPH*3612A**	1.04	0.99	PG9MXA048080
CAP**3017A**	1.03	1.03	PG9UAA042060
CNPH*3017A**	1.03	1.03	PG9UAA042060
CNPH*3617A**	1.03	1.03	PG9UAA042060
CNPV*3017A**	1.03	1.03	PG9UAA042060
CNPV*3617A**	1.03	1.03	PG9UAA042060
CSPH*3012A**	1.03	1.05	PG9UAA042060
CSPH*3612A**	1.03	1.04	PG9UAA060080
CAP**3621A**	1.03	1.05	PG9UAA060080
CNPH*3017A**	1.03	1.05	PG9UAA060080
CNPH*3617A**	1.02	1.04	PG9UAA060100

See notes on pg. 29

HEAT PUMP HEATING PERFORMANCE

INDOOR AIR			OUTDOOR COIL ENTERING AIR TEMPERATURES * F (° C)																						
EDB ° F (° C)	CFM	-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)			37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)		
		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	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
65 (18.3)	1050	13.10	12.05	2.16	16.57	15.23	2.25	20.30	18.51	24.33	21.61	2.45	28.66	26.08	2.57	33.16	33.16	2.69	37.42	37.42	2.81	41.70	41.70	2.94	
	1200	13.34	12.27	2.17	16.84	15.47	2.25	20.60	18.78	24.67	21.91	2.43	29.03	26.42	2.54	33.45	33.45	2.64	37.56	37.56	2.74	41.70	41.70	2.85	
	1350	13.55	12.46	2.19	17.07	15.68	2.26	20.85	19.01	24.95	22.16	2.43	29.32	26.68	2.52	33.63	33.63	2.60	37.60	37.60	2.69	41.55	41.55	2.79	
70 (21.1)	1050	12.54	11.53	2.26	16.04	14.74	2.36	19.80	18.05	23.84	21.18	2.56	28.17	25.64	2.69	32.68	32.68	2.82	36.93	36.93	2.94	41.14	41.14	3.08	
	1200	12.78	11.75	2.27	16.31	14.99	2.36	20.06	18.53	24.19	21.48	2.55	28.56	25.99	2.66	33.00	33.00	2.76	37.11	37.11	2.87	41.23	41.23	2.99	
	1350	12.99	11.95	2.29	16.55	15.21	2.37	20.36	18.57	24.48	21.74	2.54	28.88	26.28	2.64	33.22	33.22	2.73	37.19	37.19	2.82	41.17	41.17	2.93	
75 (23.9)	1050	11.91	10.96	2.37	15.48	14.22	2.47	19.26	17.56	23.32	20.71	2.69	27.67	25.18	2.82	32.27	32.27	2.96	36.54	36.54	3.08	40.57	40.57	3.23	
	1200	12.15	11.18	2.38	15.75	14.48	2.47	19.59	17.86	23.68	21.03	2.66	28.07	25.54	2.79	32.52	32.52	2.90	36.68	36.68	3.01	40.72	40.72	3.13	
	1350	12.37	11.38	2.40	15.99	14.70	2.48	19.84	18.09	23.98	21.29	2.66	28.39	25.84	2.77	32.79	32.79	2.86	36.73	36.73	2.96	40.73	40.73	3.07	

PH13NB036-A Outdoor Section With PF4MNA037 Indoor Section

HEATING INDOOR MODEL				FURNACE MODEL			
POWER	CAPACITY	POWER	FURNACE MODEL				
1.00	1.00	1.00	PG8*EA024045				
1.00	1.00	0.95	PG8*EA024045				
1.03	1.01	1.03	PG8*EA024045				
1.01	1.01	0.99	PG8*EA048070				
1.01	1.01	0.97	PG8*EA048070				
1.01	1.01	0.95	PG8*EA048070				
1.01	1.01	0.95	PG8*EA048070				
1.03	1.03	1.01	PG8*EA048070				
1.01	1.01	1.02	PG8*EA048070				
1.01	1.01	1.01	PG8*EA048070				
1.02	1.02	1.00	PG8*EA048070				
0.99	0.99	1.01	PG8*EA048070				
0.99	0.99	1.02	PG8*EA048070				
1.00	1.00	1.00	PG8*EA048070				
1.02	1.02	1.02	PG8*EA048070				
0.98	1.00	0.98	PG8*EA048070				
0.99	1.01	0.99	PG8*EA048070				
0.97	1.01	0.97	PG8*EA048070				
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HEAT PUMP HEATING PERFORMANCE

PH13NE036 – A Outdoor Section With PF4MNA037 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4221A**	0.99	0.96	PG9MXA060100
CNPH*3617A**	0.98	0.99	PG9MXA060100
CNPH*4221A**	0.99	0.97	PG9MXA060100
CNPV*3621A**	0.98	0.98	PG9MXA060100
CNPV*4221A**	0.99	0.97	PG9MXA060100
CSPH*3612A**	0.99	0.95	PG9MXA060100
CSPH*4212A**	0.99	0.94	PG9MXA060100
CAP**3617A**	0.99	0.98	PG9UAA042060
CNPV*3617A**	0.99	1.00	PG9UAA042060
CNPV*4217A**	1.00	0.97	PG9UAA042060
CAP**3621A**	0.99	0.99	PG9UAA042080
CAP**4221A**	0.99	0.99	PG9UAA042080
CNPV*3621A**	0.99	1.01	PG9UAA042080
CNPV*4221A**	0.99	0.99	PG9UAA042080
CAP**3621A**	0.98	0.99	PG9UAA060080
CAP**4221A**	0.99	0.98	PG9UAA060080
CNPV*3621A**	0.99	1.00	PG9UAA060080
CNPV*4221A**	0.99	0.98	PG9UAA060080
CAP**3621A**	0.99	0.98	PG9UAA060100
CAP**4221A**	0.99	0.97	PG9UAA060100
CNPV*3621A**	0.99	0.99	PG9UAA060100
CNPV*4221A**	0.99	0.98	PG9UAA060100
CAP**4224A**	0.98	0.97	PG9UAA060120

See notes on pg. 29

HEAT PUMP HEATING PERFORMANCE

INDOOR AIR				OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (°C)																					
EDB °F (°C)	CFM	-3 (-19.4)		7 (-13.9)		17 (-8.3)		27 (-2.8)		37 (2.8)		47 (8.3)		57 (13.9)		67 (19.4)									
		Capacity MBtuh Total	Total Sys. KW†	Capacity MBtuh Total	Total Sys. KW†	Capacity MBtuh Total	Total Sys. KW†	Capacity MBtuh Total	Total Sys. KW†	Capacity MBtuh Total	Total Sys. KW†	Capacity MBtuh Total	Total Sys. KW†	Capacity MBtuh Total	Total Sys. KW†	Capacity MBtuh Total	Total Sys. KW†								
65 (18.3)	1225	16.50	15.18	2.35	20.70	19.02	2.49	25.09	22.87	2.65	29.65	26.33	2.82	34.58	31.47	2.98	39.24	39.24	3.09	43.69	43.69	3.20	48.12	48.12	3.30
	1400	16.79	15.44	2.36	21.01	19.30	2.50	25.43	23.19	2.65	30.03	26.67	2.81	34.96	31.81	2.95	39.41	39.41	3.04	43.59	43.59	3.13	47.74	47.74	3.21
	1575	17.04	15.67	2.37	21.27	19.55	2.51	25.73	23.46	2.65	30.34	26.95	2.80	35.23	32.06	2.93	39.45	39.45	3.01	43.38	43.38	3.09	47.21	47.21	3.15
70 (21.1)	1225	15.96	14.68	2.49	20.18	18.55	2.63	24.58	22.41	2.78	29.24	25.97	2.95	34.06	30.99	3.11	38.78	38.78	3.23	43.24	43.24	3.34	47.59	47.59	3.46
	1400	16.25	14.95	2.50	20.50	18.84	2.63	24.93	22.73	2.77	29.60	26.29	2.93	34.48	31.38	3.08	39.00	39.00	3.17	43.20	43.20	3.27	47.37	47.37	3.36
	1575	16.50	15.18	2.52	20.78	19.09	2.64	25.24	23.01	2.78	29.89	26.55	2.93	34.79	31.66	3.06	39.11	39.11	3.15	43.07	43.07	3.23	46.98	46.98	3.30
75 (23.9)	1225	15.36	14.13	2.64	19.82	18.03	2.77	24.03	21.91	2.91	28.71	25.50	3.08	33.55	30.53	3.25	38.29	38.29	3.37	42.81	42.81	3.50	47.05	47.05	3.62
	1400	15.64	14.39	2.65	19.95	18.33	2.77	24.40	22.25	2.91	29.11	25.86	3.06	33.99	30.94	3.22	38.52	38.52	3.32	43.04	43.04	3.43	46.92	46.92	3.52
	1575	15.90	14.63	2.67	20.23	18.59	2.78	24.71	22.53	2.91	29.46	26.16	3.06	34.32	31.23	3.19	38.70	38.70	3.29	43.01	43.01	3.38	46.64	46.64	3.46

HEATING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	
*FB4CNF042		1.00	1.00		PG8*VA060110
FB4CNF048		1.00	0.99		PG8*VA060110
PF4MNA043		1.01	1.01		PG8*VA060110
PF4MNA049		1.01	0.98		PG8*VA060110
PF4MNB043		1.00	0.99		PG8*VA066135
PF4MNB049		1.00	0.95		PG8*VA066135
CAP**4221A**		0.99	1.01		PG8*VA066135
CAP**4821A**		0.99	0.98		PG8*VA066135
CNPH*4221A**		0.99	1.02		PG8*VA066135
CNPH*4821A**		1.00	0.99		PG95XA*48080B***
CNPV*4221A**		0.99	1.02		PG95XA*48080B***
CNPV*4821A**		1.00	0.99		PG95XA*48080B***
CSPH*4212A**		0.99	0.98		PG95XA*48080B***
CSPH*4812A**		1.00	0.99		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.01		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.01		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.98		PG95XA*48100C***
CSPH*4812A**		1.00	0.99		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99	0.98		PG95XA*48100C***
CNPH*4212A**		0.99	1.00		PG95XA*48100C***
CNPH*4812A**		1.00	0.99		PG95XA*48100C***
CNPV*4212A**		0.99	1.00		PG95XA*48100C***
CNPV*4812A**		1.00	0.99		PG95XA*48100C***
CSPH*4212A**		0.99	0.97		PG95XA*48100C***
CSPH*4812A**		1.00	0.98		PG95XA*48100C***
CAP**4221A**		0.99	1.01		PG95XA*48100C***
CAP**4821A**		0.99			

HEAT PUMP HEATING PERFORMANCE

PH13NB042 – A Outdoor Section With PF4MNA043 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4812A**	1.00	0.99	PG9MXA048080
CAP**4221A**	0.99	1.00	PG9MXA060100
CAP**4821A**	0.99	0.98	PG9MXA060100
CNPH*4221A**	0.99	1.01	PG9MXA060100
CNPH*4821A**	1.00	0.98	PG9MXA060100
CNPV*4221A**	0.99	1.01	PG9MXA060100
CNPH*4821A**	1.00	0.98	PG9MXA060100
CSPH*4212A**	1.00	0.99	PG9MXA060100
CSPH*4812A**	1.00	0.98	PG9MXA060100
CAP**4224A**	0.99	0.99	PG9MXA060120
CAP**4824A**	1.00	0.98	PG9MXA060120
CNPH*4221A**	0.99	1.00	PG9MXA060120
CNPH*4821A**	1.00	0.98	PG9MXA060120
CNPV*4824A**	1.00	0.98	PG9MXA060120
CSPH*4212A**	1.00	0.98	PG9MXA060120
CSPH*4812A**	1.00	0.97	PG9MXA060120
CAP**4817A**	1.01	1.00	PG9UAA042060
CNPV*4217A**	1.00	1.02	PG9UAA042060
CNPH*4821A**	1.00	1.01	PG9UAA042080
CAP**4821A**	1.00	1.01	PG9UAA060080
CNPH*4821A**	1.00	1.01	PG9UAA060080
CAP**4821A**	0.99	1.00	PG9UAA060100
CNPH*4821A**	0.99	1.00	PG9UAA060100
CAP**4224A**	0.99	1.02	PG9UAA060120
CAP**4824A**	0.99	0.99	PG9UAA060120
CNPV*4824A**	0.99	0.99	PG9UAA060120

See notes on pg. 29

HEAT PUMP HEATING PERFORMANCE

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)																							
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)			37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)		
		Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t
EDB ° F (° C)	CFM	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t	Capacity MBtuh		Total Sys. Kw/t
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
PH13NB048-A Outdoor Section With PF41MNA49 Indoor Section																									
1400	65	19.51	17.94	2.85	24.31	22.34	2.96	29.33	26.75	3.09	34.59	30.72	3.23	39.59	36.03	3.32	43.98	43.98	3.43	48.36	48.36	3.54	52.16	52.16	3.64
1600	(18.3)	19.80	18.22	2.87	24.64	22.65	2.88	29.70	27.08	3.09	34.93	31.02	3.20	39.69	36.11	3.29	43.77	43.77	3.38	47.47	47.47	3.46	48.90	48.90	3.48
1800		20.08	18.47	2.91	24.94	22.91	3.00	30.02	27.37	3.11	35.20	31.26	3.20	39.67	36.10	3.28	43.40	43.40	3.35	45.69	45.69	3.39	46.67	46.67	3.39
1400	70	19.03	17.51	2.97	23.83	21.89	3.09	28.84	26.30	3.22	34.10	30.29	3.37	39.13	35.61	3.48	43.59	43.59	3.60	47.82	47.82	3.72	51.56	51.56	3.82
1600	(21.1)	19.34	17.79	3.00	24.17	22.21	3.10	29.23	26.65	3.22	34.49	30.64	3.35	39.28	35.75	3.44	43.50	43.50	3.54	47.26	47.26	3.63	49.18	49.18	3.66
1800		19.61	18.04	3.03	24.48	22.49	3.13	29.56	26.96	3.24	34.80	30.91	3.35	39.37	35.82	3.43	43.31	43.31	3.51	46.39	46.39	3.58	47.58	47.58	3.59
1400	75	18.48	17.00	3.11	23.28	21.40	3.23	28.31	25.81	3.37	33.63	29.87	3.53	38.65	35.18	3.64	43.12	43.12	3.77	47.48	47.48	3.90	51.18	51.18	4.01
1600	(23.9)	18.79	17.29	3.13	23.64	21.72	3.24	28.71	26.17	3.37	34.04	30.24	3.51	38.86	35.38	3.60	43.15	43.15	3.71	47.19	47.19	3.81	48.98	48.98	3.85
1800		19.08	17.55	3.16	23.96	22.01	3.26	29.05	26.49	3.38	34.36	30.52	3.50	38.98	35.47	3.59	43.08	43.08	3.68	46.82	46.82	3.76	48.22	48.22	3.78

[illegible]

HEAT PUMP HEATING PERFORMANCE

PH13NE048 – A Outdoor Section With PF4MNA049 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**6021A**	1.00	0.97	PG9MXA060100
CNPH*4821A**	0.99	0.98	PG9MXA060100
CNPH*6024A**	1.00	0.97	PG9MXA060100
CNPV*4821A**	0.99	0.98	PG9MXA060100
CSPH*4812A**	1.00	0.98	PG9MXA060100
CSPH*6012A**	1.00	0.96	PG9MXA060100
CAP**4824A**	0.99	0.97	PG9MXA060120
CAP**6024A**	1.00	0.97	PG9MXA060120
CAP**6025A**	1.00	0.97	PG9MXA060120
CNPH*4821A**	0.99	0.97	PG9MXA060120
CNPH*6024A**	1.00	0.97	PG9MXA060120
CNPV*4824A**	0.99	0.97	PG9MXA060120
CNPV*6024A**	1.00	0.97	PG9MXA060120
CSPH*4812A**	0.99	0.97	PG9MXA060120
CSPH*6012A**	1.00	0.96	PG9MXA060120
CAP**4821A**	0.99	1.01	PG9UAA060080
CAP**6021A**	1.00	1.01	PG9UAA060080
CNPH*4821A**	0.99	1.01	PG9UAA060080
CAP**4821A**	1.00	1.01	PG9UAA060100
CAP**6021A**	1.00	0.99	PG9UAA060100
CNPV*4821A**	1.00	1.01	PG9UAA060100
CNPV*6021A**	1.00	1.01	PG9UAA060100
CAP**4824A**	0.99	0.99	PG9UAA060120
CAP**6024A**	1.00	0.99	PG9UAA060120
CAP**6025A**	1.00	0.99	PG9UAA060120
CNPV*4824A**	0.99	0.99	PG9UAA060120
CNPV*6024A**	0.99	0.98	PG9UAA060120

See notes on pg. 29

HEAT PUMP HEATING PERFORMANCE (CONT.)

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)																							
		-3 (-19.4)		7 (-13.9)		17 (-8.3)		27 (-2.8)		37 (2.8)		47 (8.3)		57 (13.9)		67 (19.4)									
EDB ° F (° C)	CFM	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	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*						
PH13NB060-A Outdoor Section With PF4MNA061 Indoor Section																									
65 (18.3)	1750	23.44	21.56	3.50	29.34	26.96	3.66	35.48	32.35	3.81	42.10	37.39	3.98	48.97	44.56	4.10	55.64	55.64	4.27	62.78	62.78	4.47	67.11	67.11	4.58
	2000	23.86	21.95	3.54	29.79	27.37	3.68	35.93	32.76	3.81	42.65	37.88	3.96	49.31	44.87	4.07	55.85	55.85	4.21	62.14	62.14	4.36	63.31	63.31	4.37
	2250	24.24	22.30	3.59	30.19	27.74	3.72	36.35	33.14	3.84	43.06	38.25	3.96	49.56	45.10	4.06	55.88	55.88	4.19	59.55	59.55	4.26	60.70	60.70	4.26
70 (21.1)	1750	22.60	20.79	3.65	28.59	26.27	3.82	34.80	31.73	3.98	41.43	36.79	4.16	48.38	44.02	4.30	55.00	55.00	4.48	62.04	62.04	4.68	65.94	65.94	4.78
	2000	23.03	21.19	3.69	29.05	26.70	3.84	35.30	32.18	3.99	41.98	37.28	4.15	48.75	44.36	4.26	55.28	55.28	4.41	62.05	62.05	4.59	62.80	62.80	4.58
	2250	23.41	21.54	3.73	29.47	27.08	3.88	35.73	32.58	4.01	42.46	37.71	4.15	49.03	44.62	4.25	55.41	55.41	4.39	60.09	60.09	4.49	61.68	61.68	4.50
75 (23.9)	1750	21.71	19.97	3.80	27.80	25.54	3.99	34.09	31.08	4.17	40.72	36.16	4.36	47.74	43.44	4.51	54.34	54.34	4.70	61.36	61.36	4.91	65.75	65.75	5.04
	2000	22.14	20.37	3.84	28.27	25.97	4.01	34.59	31.54	4.17	41.28	36.66	4.34	48.18	43.84	4.47	54.66	54.66	4.63	61.54	61.54	4.82	63.78	63.78	4.85
	2250	22.52	20.72	3.89	28.68	26.35	4.05	35.03	31.94	4.19	41.76	37.09	4.35	48.49	44.13	4.45	54.88	54.88	4.60	60.85	60.85	4.73	62.33	62.33	4.75
HEATING		CAPACITY		POWER		FURNACE MODEL																			
INDOOR MODEL				R																					
*PF4MNB061		1.00		1.00																					
PF4MNA061		1.00		1.01																					

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

* The Btuh heating capacity values shown are net "integrated" values from which the defrost effect has been subtracted. The Btuh heating from supplement heaters should be added to those values to obtain total system capacity.

† The kW values include the compressor, outdoor fan motor, and indoor blower motor. The kW from supplement heaters should be added to these values to obtain total system kilowatts.

EDB = Entering Dry Bulb

GUIDE SPECIFICATIONS

GENERAL

System Description

Outdoor-mounted, air-cooled, split-system heat pump unit suitable for ground or rooftop installation. Unit consists of a scroll-type hermetic compressor, an air-cooled coil, propeller-type condenser fan, and a control box. Unit will discharge supply air horizontally as shown on contract drawings. Unit will be used in a refrigeration circuit to match up to a packaged fan coil or furnace.

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 heat pump unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge (R-410A), and special features required prior to field start-up.

Unit Cabinet

- Unit cabinet will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.

Fans

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

SPLIT-SYSTEM HEAT PUMP

PH13NB

1-1/2 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 a scroll-type, 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 front-seating shutoff valve with sweat connections, vapor-line front-seating shutoff valve with sweat connections, system charge of R-410A refrigerant, and compressor oil.
- Unit will be equipped with high-pressure switch, low pressure switch and filter drier for R-410A refrigerant.

Operating Characteristics

- The capacity of the unit will meet or exceed _____ Btuh at a suction temperature of _____ °F/°C. The power consumption at full load will not exceed _____ kW.
- Combination of the unit and the evaporator or fan coil unit will have a total net cooling capacity of _____ Btuh or greater at conditions of _____ CFM entering air temperature at the evaporator at _____ °F/°C wet bulb and _____ °F/°C dry bulb, and air entering the unit at _____ °F/°C.
- The system will have a SEER of _____ Btuh/watt or greater at DOE conditions.

Electrical Requirements

- Nominal unit electrical characteristics will be _____ v, single phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of _____ v to _____ v.
- Nominal unit electrical characteristics will be _____ v, three phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of _____ v to _____ v.
- Unit electrical power will be single point connection.
- Control circuit will be 24v.

Special Features

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

SYSTEM DESIGN

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 115°F (46.1°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Maximum elevation of indoor coil above or below base of outdoor unit is: indoor coil above = 80 ft (24.38 m), indoor coil below = 200 ft (60.96).
6. For interconnecting refrigerant tube lengths greater than 80 ft (24.38 m) horizontal or 20 ft (6.10 m) vertical differential, consult Residential Split System Long-Line Application Guideline available from equipment distributor.
7. Crankcase heater required when interconnecting refrigerant tube length exceeds 80 ft (24.38 m).
8. If any refrigerant tubing is buried, provide a minimum 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.
9. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.

