

**PH15NB**

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

## Product Data



### **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.

### **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:**

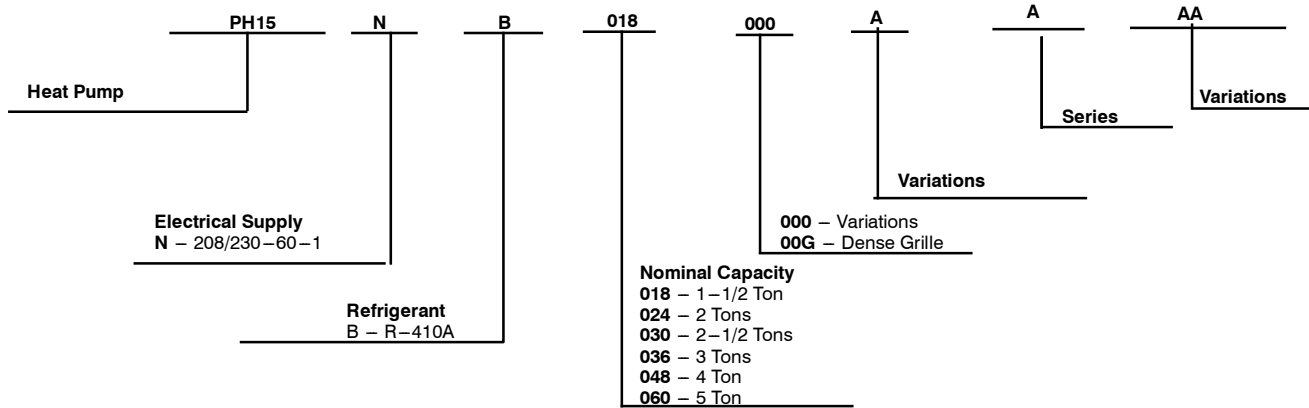
Both service valves are brass, front seating type with sweat connections. Valves are externally located so refrigerant tube connections can be made quickly and easily. Each valve has a service port for ease of checking operating refrigerant pressures.

### **SERVICEABILITY:**

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

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

# MODEL NUMBER NOMENCLATURE



PH15NB



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](http://www.ahridirectory.org).



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

## STANDARD FEATURES

Feature	18	24	30	36	42	48	60
R–410A Refrigerant	X	X	X	X	X	X	X
Maximum SEER Rating*	15.3	15.3	15.3	15.3	15.0	15.0	15.0
Scroll Compressor	X	X	X	X	X	X	X
Field Installed Filter Drier	X	X	X	X	X	X	X
Front Seating Service Valves	X	X	X	X	X	X	X
Internal Pressure Relief Valve	X	X	X	X	X	X	X
Internal Thermal Overload	X	X	X	X	X	X	X
Long Line capability	X	X	X	X	X	X	X
Low Ambient cooling capability with Kit	X	X	X	X	X	X	X
Suction Line Accumulator	X	X	X	X	X	X	X
High Pressure Switch	X	X	X	X	X	X	X
Loss of Charge Switch	X	X	X	X	X	X	X
Dense Grille	X	X	X	X	X	X	X

X = Standard

\* = Based on tested combination

# 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 HP with R-410A	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 HP with R-410A	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 HP with R-410A	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 HP with R-410A	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 HP with R-410A	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 HP with R-410A	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 HP with R-410A	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

PH15NB

# 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)
18000 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
24000 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
30000 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
36000 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
42000 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	150
48000 HP with R-410A	3/8	250*	250*	250*	250*	230	160	--
60000 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

## A-WEIGHTED SOUND POWER (dBA)

UNIT SIZE	STANDARD RATING dBA	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018-A	73	49.5	60.0	65.0	69.0	65.5	62.0	55.0
024-A	69	48.5	59.5	61.5	62.5	61.0	59.0	53.5
030-A	71	51.0	58.5	61.5	65.5	62.5	60.0	53.5
036-A	72	55.5	59.5	63.5	66.5	64.5	61.5	55.5
042-A	74	56.5	64.0	67.0	68.5	65.0	62.0	57.5
048-A	74	55.5	62.0	66.0	69.0	65.0	62.0	56.0
060-A	74	59.0	62.0	65.0	68.0	65.0	62.5	62.0

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI).

## A-WEIGHTED SOUND POWER (dBA) WITH SOUND SHIELD

UNIT SIZE	STANDARD RATING dBA	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018-A	72	50.5	60.0	65.0	67.5	64.5	61.5	53.5
024-A	68	49.5	58.5	61.5	62.0	61.0	58.5	51.5
030-A	69	50.5	58.5	61.5	64.0	61.5	58.5	51.5
036-A	70	54.5	57.5	63.0	66.0	64.0	61.0	54.0
042-A	72	56.5	64.5	66.5	66.5	64.5	61.0	54.5
048-A	72	55.5	62.5	66.0	68.0	64.0	60.0	53.0
060-A	73	58.5	62.5	65.0	67.0	64.0	61.0	56.5

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI).

PH15NB

## CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE - SERIES	REQUIRED SUBCOOLING °F (°C)
018-A	12 (6.7)
024-A	14 (7.8)
030-A	10 (5.6)
036-A	8 (4.4)
042-A	10 (5.6)
048-A	11 (6.1)
060-A	10 (5.6)

**SPECIFICATIONS**

UNIT SIZE—SERIES	018-A	024-A	030-A	036-A	042-A	048-A	060-A
Operating Weight lb (kg)	169 (76.7)	200 (90.8)	196 (88.9)	215 (97.5)	245 (111.1)	280 (117.9)	294 (113.4)
Shipping Weight lb (kg)	207 (93.9)	233 (105.7)	242 (108.8)	257 (116.6)	290 (131.5)	303 (137.4)	345 (156.5)
<b>ELECTRICAL</b>							
Unit Volts—Phase—Hertz	208/230—1—60						
Operating Voltage Range	197—253						
Unit Ampacity for Wire Sizing (MCA)	11.8	16.5	18.1	22.1	27.6	28.5	34.2
Min Wire Size (60°C/75°C Copper) (AWG)*	14 / 14	14 / 14	14 / 14	12 / 12	10 / 10	10 / 10	8 / 10
Maximum Length (60°C/75°C) ft. (m)†	67/63 (20.4 / 19.2)	48/45 (14.6 / 13.7)	44/41 (13.4 / 12.5)	57/54 (17.4 / 16.5)	72/69 (21.9 / 21.0)	70/67 (21.3 / 20.4)	91/56 (27.7 / 17.1)
Max Branch Circuit Fuse Size (Amps)‡	20	25	30	35	40	40	50
Compressor Rated Load Amps	9.0	12.8	14.1	16.7	21.1	21.8	26.4
Locked Rotor Amps	48.0	58.3	73.0	79.0	109.0	117.0	134.0
Fan Motor HP and RPM	1/12 & 800	1/12 & 800	1/12 & 800	1/5 & 800	1/5 & 800	1/4 & 800	1/4 & 800
Full Load Amps	0.5	0.5	0.5	1.2	1.2	1.2	1.2
<b>COMPRESSOR AND REFRIGERANT</b>							
Compressor Type	Scroll						
R—410A Refrigerant Charge lb. (kg)	5.8 (2.54)	7.60 (3.45)	7.00 (3.18)	7.40 (3.36)	8.90 (4.04)	9.60 (4.35)	12.50 (5.67)
<b>REFRIGERANT TUBES (IN. OD)</b>							
Rated Vapor***	5/8 †††	5/8	3/4	3/4	7/8	7/8 †††	1—1/8
Liquid				3/8			
Outdoor Heating Piston #	42	46	52	61	61	67	76
<b>OUTDOOR COIL AND FAN</b>							
Coil Face Area (Sq Ft)	15.09	20.12	20.12	22.63	17.60	17.60	25.15
Rated Airflow (CFM)	2233	3223	3223	3810	3810	4046	4046
<b>OPTIONAL EQUIPMENT</b>							
Time—Delay Relay	KAATD0101TDR						
Outdoor Thermostat	KHAOT0301FST						
Secondary Outdoor Thermostat	KHAOT0201SEC						
Cycle Protector	KSACY0101AAA						
Crankcase Heater	KAAGH1401AAA						
Compressor Start Assist—Capacitor/Relay	KSAHS1701AAA						
Sound Hood	KSAH0601COP						
TXV Kits (Hard Shutoff)	KSATX0201PUR						
Low Pressure Switch	Standard						
High—Pressure Switch	Standard						
Low—Ambient Pressure Switch††	KSALA0301410						
Motor/Master® Low—Ambient Controller††	KSALA0601AAA						
Ball Bearing Fan Motor	HC32GE229						
Evaporator Freeze Thermostat**	HC38GE228						
Isolation Relay**	KAAFT0101AAA						
Liquid Solenoid Valve	KHAIR0101AAA						
Start Assist PTC	KHALS0401LLS						
Thermostat, Manual Changeover;	KAACS0201PTC						
Non—Programmable, °F/°C, 2—Stage Heat, 1—Stage Cool	TSTATPPBHP01—B						
Thermostat, Auto Changeover;	TSTATPPFP01						
7—Day Programmable, °F/°C,	TSTATXXSEN01—B						
1—Stage Heat, 1—Stage Cool	TSTATXXBBP01						
Outdoor Sensor (For Programmable Thermostat)	TSTATXXBP01						
Backplate for Non—Programmable Thermostat	TSTATXXBP01						
Backplate for Programmable Thermostat	TSTATXXBP01						

\* 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 NEC. Copper wire must be used from disconnect to unit.  
 † Length shown is as measured one 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.

††† 018 size units — 5/8 suction line required for linesets greater than 25 ft. (7.62 m). 048 size units — 7/8 suction line required for linesets greater than 25 ft. (7.62 m).  
 Complies with 2007 requirements of ASHRAE Standards 90.1

# DIMENSIONS - ENGLISH

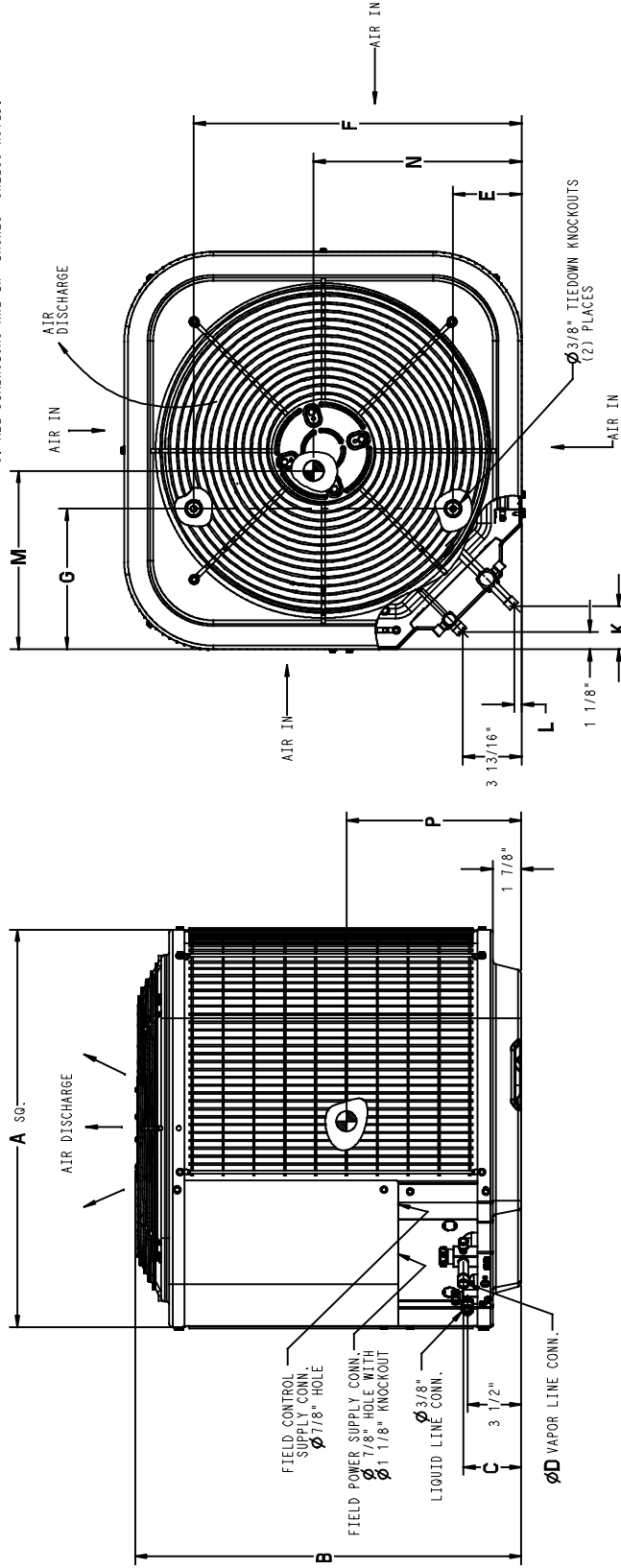
UNIT	SERIES	ELECTRICAL CHARACTERISTICS	A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)
PH15B018	A	X 0 0 0	31 3/16"	28 15/16"	3 3/4"	5/8"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1/2"	16"	15"	14"	169	207	32 5/16" X 35 1/2" X 32 9/16"
PH15B024	A	X 0 0 0	35"	32 5/16"	3 3/4"	5/8"	6 9/16"	28 7/16"	9 1/8"	2 13/16"	1/2"	15 3/4"	16 3/4"	16 1/2"	200	233	36 1/8" X 39 1/4" X 35 15/16"
PH15B030	A	X 0 0 0	35"	32 5/16"	3 3/4"	3/4"	6 9/16"	28 7/16"	9 1/8"	2 13/16"	1/2"	16 1/4"	16"	15 1/2"	196	242	36 1/8" X 39 1/4" X 35 15/16"
PH15B036	A	X 0 0 0	35"	35 3/4"	3 3/4"	3/4"	6 9/16"	28 7/16"	9 1/8"	2 13/16"	1/2"	15 3/4"	16 3/4"	17"	215	257	36 1/8" X 39 1/4" X 39 3/8"
PH15B042	A	X 0 0 0	35"	28 15/16"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	17"	16 3/4"	14 3/4"	245	290	36 1/8" X 39 1/4" X 32 9/16"
PH15B048	A	X 0 0 0	35"	28 15/16"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 3/4"	16 1/4"	14"	260	303	36 1/8" X 39 1/4" X 32 9/16"
PH15B060	A	X 0 0 0	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	17 1/4"	16 1/4"	18 1/4"	294	345	36 1/8" X 39 1/4" X 42 3/4"

**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

208-230-1-60	230-1-60	208/230-3-60	460-3-60
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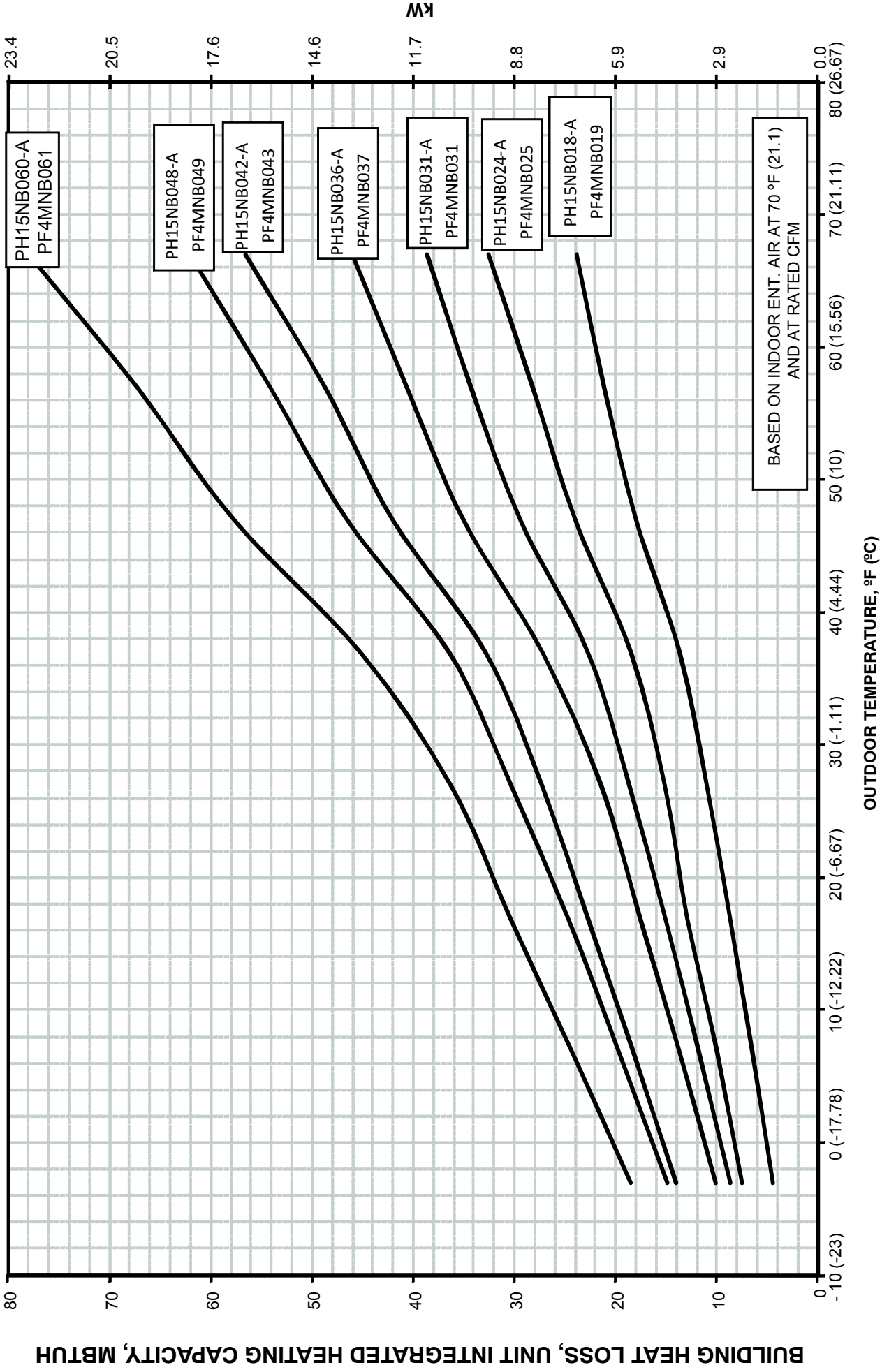


UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18	26" X 26"
24 THRU 60	31 1/2" X 31 1/2"
	35" X 35"

**PH15NB**



**PH15NB BALANCE POINT WORKSHEET**



**PH15NB**

# COMBINATION RATINGS

PH15NB

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3653892	PH15NB018****A	†PF4MNB019		17,800	12.5	15.3	17,800	3.92	8.6	10,700	2.60
3653394	PH15NB018****A	CAP**1814A**	PG8*EA024045	17,200	12.0	14.5	17,800	3.68	8.2	10,600	2.50
3653393	PH15NB018****A	CAP**1814A**+TD1		17,200	11.0	13.0	17,800	3.52	7.8	11,100	2.38
3653396	PH15NB018****A	CAP**2414A**	PG8*EA024045	17,200	12.5	15.0	17,800	3.84	8.5	10,700	2.56
3653395	PH15NB018****A	CAP**2414A**+TD1		17,200	11.0	13.0	17,800	3.62	8.0	11,200	2.42
3653398	PH15NB018****A	CAP**2417A**	PG9MXA036060	17,200	12.5	15.0	17,800	3.92	8.5	10,600	2.60
3653397	PH15NB018****A	CAP**2417A**+TD1		17,200	11.0	13.0	17,800	3.62	8.0	11,200	2.42
3653410	PH15NB018****A	CNPF*2418A**+TD1		17,200	11.0	13.0	17,800	3.66	8.2	11,200	2.42
3653408	PH15NB018****A	CNPH*2417A**	PG8*EA024045	17,200	12.5	15.0	17,800	3.84	8.5	10,700	2.56
3653409	PH15NB018****A	CNPH*2417A**	PG9MXA036060	17,200	12.5	15.0	17,800	3.86	8.5	10,600	2.56
3653407	PH15NB018****A	CNPH*2417A**+TD1		17,200	11.0	13.0	17,800	3.66	8.2	11,200	2.42
3653400	PH15NB018****A	CNPV*1814A**	PG8*EA024045	17,200	12.0	14.5	17,800	3.74	8.1	10,600	2.50
3653399	PH15NB018****A	CNPV*1814A**+TD1		17,200	11.0	13.0	17,800	3.62	8.2	11,200	2.40
3653402	PH15NB018****A	CNPV*1917A**	PG9MXA036060	17,200	12.5	15.0	17,800	3.98	8.5	10,700	2.62
3653401	PH15NB018****A	CNPV*1917A**+TD1		17,200	11.0	13.0	17,800	3.68	8.2	11,300	2.44
3653404	PH15NB018****A	CNPV*2414A**	PG8*EA024045	17,200	12.5	15.0	17,800	3.84	8.5	10,700	2.56
3653403	PH15NB018****A	CNPV*2414A**+TD1		17,200	11.0	13.0	17,800	3.66	8.2	11,200	2.42
3653406	PH15NB018****A	CNPV*2417A**	PG9MXA036060	17,200	12.5	15.0	17,800	3.86	8.5	10,600	2.56
3653405	PH15NB018****A	CNPV*2417A**+TD1		17,200	11.0	13.0	17,800	3.66	8.2	11,200	2.42
3653412	PH15NB018****A	CSPH*2412A**	PG8*EA024045	17,200	12.5	15.0	17,800	3.82	8.5	10,700	2.54
3653414	PH15NB018****A	CSPH*2412A**	PG9MTAV36050*A**	17,200	12.0	14.5	17,800	3.94	8.5	11,000	2.58
3653415	PH15NB018****A	CSPH*2412A**	PG9MTAV36075*A**	17,200	12.0	14.5	17,800	3.92	8.5	11,000	2.56
3653413	PH15NB018****A	CSPH*2412A**	PG9MXA036060	17,200	12.5	15.0	17,700	3.78	8.2	10,500	2.54
3653411	PH15NB018****A	CSPH*2412A**+TD1		17,200	11.0	13.0	17,800	3.68	8.2	11,300	2.42
3653420	PH15NB018****A	FF1ENP018		17,200	11.0	13.0	17,800	3.54	8.0	11,200	2.38
3653421	PH15NB018****A	FF1ENP019		17,200	12.0	14.5	17,800	3.76	8.2	10,700	2.52
3653422	PH15NB018****A	FF1ENP024		17,200	11.0	13.0	17,800	3.58	8.0	11,200	2.40
3653423	PH15NB018****A	FF1ENP025		17,200	12.5	15.0	17,800	3.86	8.5	10,700	2.58
3653416	PH15NB018****A	PF4MNA018		17,200	11.0	13.0	17,800	3.54	8.0	11,100	2.38
3653418	PH15NB018****A	PF4MNA019		17,200	12.0	14.5	17,800	3.78	8.3	10,700	2.52
3653417	PH15NB018****A	PF4MNA024		17,200	11.0	13.0	17,800	3.52	8.0	11,200	2.36
3653419	PH15NB018****A	PF4MNA025		17,200	12.5	15.0	17,800	3.82	8.5	10,700	2.56
3653893	PH15NB018****A	PF4MNB025		17,200	12.5	15.0	17,800	3.90	8.5	10,700	2.58
3653894	PH15NB024****A	†PF4MNB025		24,000	12.5	15.3	24,000	3.96	8.7	14,700	2.68
3653425	PH15NB024****A	CAP**2414A**	PG8*EA024045	23,200	12.0	15.0	24,000	3.84	8.5	14,500	2.64
3653424	PH15NB024****A	CAP**2414A**+TD1		23,200	11.2	13.5	24,000	3.72	8.3	15,200	2.54
3653427	PH15NB024****A	CAP**2417A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.00	8.8	14,600	2.72
3653428	PH15NB024****A	CAP**2417A**	PG9MXA036080	23,200	12.5	15.0	24,000	3.96	8.7	14,500	2.70
3653426	PH15NB024****A	CAP**2417A**+TD1		23,200	11.2	13.5	24,000	3.72	8.3	15,200	2.54
3653430	PH15NB024****A	CAP**3014A**	PG8*EA024045	23,200	12.5	15.0	24,000	3.88	8.6	14,600	2.66
3653429	PH15NB024****A	CAP**3014A**+TD1		23,200	11.2	13.5	24,000	3.74	8.3	15,200	2.56
3653432	PH15NB024****A	CAP**3017A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.06	9.0	14,600	2.76
3653433	PH15NB024****A	CAP**3017A**	PG9MXA036080	23,200	12.5	15.0	24,000	4.00	9.0	14,500	2.72
3653431	PH15NB024****A	CAP**3017A**+TD1		23,200	11.2	13.5	24,000	3.74	8.3	15,200	2.56
3653463	PH15NB024****A	CNPF*2418A**+TD1		23,200	11.2	13.5	24,000	3.80	8.3	15,200	2.54
3653448	PH15NB024****A	CNPH*2417A**	PG8*EA024045	23,200	12.0	15.0	24,000	3.90	8.5	14,500	2.64
3653451	PH15NB024****A	CNPH*2417A**	PG9MTAV36050*A**	23,200	12.0	14.5	24,000	3.86	8.5	14,600	2.62
3653452	PH15NB024****A	CNPH*2417A**	PG9MTAV36075*A**	23,200	12.0	14.5	24,000	3.86	8.5	14,700	2.62
3653453	PH15NB024****A	CNPH*2417A**	PG9MTAV60100*A**	23,200	12.0	14.5	24,000	3.96	8.7	14,800	2.66
3653454	PH15NB024****A	CNPH*2417A**	PG9MTAV60125*A**	23,200	12.0	15.0	24,000	4.00	8.8	14,700	2.68
3653449	PH15NB024****A	CNPH*2417A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.00	8.7	14,600	2.68
3653450	PH15NB024****A	CNPH*2417A**	PG9MXA036080	23,200	12.5	15.0	24,000	3.96	8.7	14,500	2.68
3653447	PH15NB024****A	CNPH*2417A**+TD1		23,200	11.2	13.5	24,000	3.80	8.3	15,200	2.54
3653456	PH15NB024****A	CNPH*3017A**	PG8*EA024045	23,200	12.5	15.0	24,000	3.92	8.6	14,600	2.68
3653459	PH15NB024****A	CNPH*3017A**	PG9MTAV36050*A**	23,200	12.0	15.0	24,000	3.90	8.6	14,700	2.66
3653460	PH15NB024****A	CNPH*3017A**	PG9MTAV36075*A**	23,200	12.0	15.0	24,000	3.92	8.6	14,800	2.68
3653461	PH15NB024****A	CNPH*3017A**	PG9MTAV60100*A**	23,200	12.5	15.0	24,000	4.04	9.0	14,800	2.72
3653462	PH15NB024****A	CNPH*3017A**	PG9MTAV60125*A**	23,200	12.5	15.0	24,000	4.08	9.0	14,800	2.74
3653457	PH15NB024****A	CNPH*3017A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.06	9.0	14,600	2.74
3653458	PH15NB024****A	CNPH*3017A**	PG9MXA036080	23,200	12.5	15.0	24,000	4.00	9.0	14,600	2.72
3653455	PH15NB024****A	CNPH*3017A**+TD1		23,200	11.2	13.5	24,000	3.76	8.3	15,200	2.56
3653435	PH15NB024****A	CNPV*2414A**	PG8*EA024045	23,200	12.0	15.0	24,000	3.90	8.5	14,500	2.64
3653434	PH15NB024****A	CNPV*2414A**+TD1		23,200	11.2	13.5	24,000	3.80	8.3	15,200	2.54
3653437	PH15NB024****A	CNPV*2417A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.00	8.7	14,600	2.68
3653438	PH15NB024****A	CNPV*2417A**	PG9MXA036080	23,200	12.5	15.0	24,000	3.96	8.7	14,500	2.68
3653436	PH15NB024****A	CNPV*2417A**+TD1		23,200	11.2	13.5	24,000	3.80	8.3	15,200	2.54
3653440	PH15NB024****A	CNPV*3014A**	PG8*EA024045	23,200	12.5	15.0	24,000	3.86	8.5	14,600	2.66
3653439	PH15NB024****A	CNPV*3014A**+TD1		23,200	11.2	13.5	24,000	3.76	8.3	15,200	2.56
3653442	PH15NB024****A	CNPV*3017A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.06	9.0	14,600	2.74
3653443	PH15NB024****A	CNPV*3017A**	PG9MXA036080	23,200	12.5	15.0	24,000	4.00	9.0	14,600	2.72
3653441	PH15NB024****A	CNPV*3017A**+TD1		23,200	11.2	13.5	24,000	3.76	8.3	15,200	2.56
3653445	PH15NB024****A	CNPV*3117A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.26	9.0	14,700	2.82
3653446	PH15NB024****A	CNPV*3117A**	PG9MXA036080	23,200	12.5	15.0	24,000	4.20	9.0	14,700	2.80
3653444	PH15NB024****A	CNPV*3117A**+TD1		23,200	11.2	13.5	24,000	3.92	8.7	15,300	2.60
3653465	PH15NB024****A	CSPH*2412A**	PG8*EA024045	23,200	12.0	15.0	24,000	3.86	8.5	14,600	2.64
3653468	PH15NB024****A	CSPH*2412A**	PG9MTAV36050*A**	23,200	12.0	14.5	24,000	3.84	8.5	14,700	2.62
3653469	PH15NB024****A	CSPH*2412A**	PG9MTAV36075*A**	23,200	12.0	14.5	24,000	3.84	8.5	14,700	2.62
3653470	PH15NB024****A	CSPH*2412A**	PG9MTAV60100*A**	23,200	12.0	14.5	24,000	3.96	8.7	14,800	2.66
3653471	PH15NB024****A	CSPH*2412A**	PG9MTAV60125*A**	23,200	12.0	15.0	24,000	4.00	8.7	14,700	2.68

See notes on page 16

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3653466	PH15NB024****A	CSPH*2412A**	PG9MXA036060	23,200	12.5	15.0	24,000	3.98	8.7	14,600	2.70
3653467	PH15NB024****A	CSPH*2412A**	PG9MXA036080	23,200	12.5	15.0	24,000	3.94	8.6	14,500	2.68
3653464	PH15NB024****A	CSPH*2412A**+TD1		23,200	11.2	13.5	24,000	3.82	8.3	15,300	2.56
3653473	PH15NB024****A	CSPH*3012A**	PG8*EA024045	23,200	12.5	15.0	24,000	3.90	8.6	14,600	2.66
3653476	PH15NB024****A	CSPH*3012A**	PG9MTAV36050*A**	23,200	12.0	15.0	24,000	3.88	8.5	14,700	2.64
3653477	PH15NB024****A	CSPH*3012A**	PG9MTAV36075*A**	23,200	12.0	15.0	24,000	3.90	8.6	14,700	2.66
3653478	PH15NB024****A	CSPH*3012A**	PG9MTAV60100*A**	23,200	12.5	15.0	24,000	4.02	9.0	14,800	2.72
3653479	PH15NB024****A	CSPH*3012A**	PG9MTAV60125*A**	23,200	12.5	15.0	24,000	4.06	9.0	14,800	2.74
3653474	PH15NB024****A	CSPH*3012A**	PG9MXA036060	23,200	12.5	15.0	24,000	4.02	9.0	14,600	2.74
3653475	PH15NB024****A	CSPH*3012A**	PG9MXA036080	23,200	12.5	15.0	24,000	3.98	9.0	14,500	2.72
3653472	PH15NB024****A	CSPH*3012A**+TD1		23,200	11.2	13.5	24,000	3.78	8.3	15,200	2.56
3653484	PH15NB024****A	FF1ENP024		23,200	11.2	13.0	24,000	3.66	8.2	15,200	2.50
3653485	PH15NB024****A	FF1ENP025		23,200	12.0	15.0	24,000	3.88	8.5	14,700	2.64
3653486	PH15NB024****A	FF1ENP030		23,200	11.2	13.0	24,000	3.66	8.2	15,200	2.50
3653487	PH15NB024****A	FF1ENP031		23,200	12.0	15.0	24,000	3.86	8.5	14,800	2.64
3653480	PH15NB024****A	PF4MNA024		23,200	11.2	13.5	24,000	3.64	8.2	15,100	2.50
3653482	PH15NB024****A	PF4MNA025		23,200	12.0	14.5	24,000	3.84	8.5	14,700	2.64
3653481	PH15NB024****A	PF4MNA030		23,200	11.2	13.5	24,000	3.74	8.5	15,100	2.54
3653483	PH15NB024****A	PF4MNA031		23,200	12.5	15.0	24,000	3.98	8.8	14,700	2.70
3653895	PH15NB024****A	PF4MNB031		24,000	12.5	15.0	24,000	3.96	9.0	14,800	2.68
3653896	PH15NB030****A	†PF4MNB031		28,800	12.5	15.3	28,600	3.98	8.7	17,000	2.66
3653488	PH15NB030****A	CAP**3014A**+TD1		28,000	11.0	13.0	29,200	3.72	8.0	17,700	2.50
3653490	PH15NB030****A	CAP**3017A**	PG8*EA048070	28,000	12.0	14.5	28,400	3.84	8.2	17,000	2.60
3653491	PH15NB030****A	CAP**3017A**	PG9MXA036060	28,400	12.5	15.0	28,400	3.94	8.3	16,900	2.64
3653492	PH15NB030****A	CAP**3017A**	PG9MXA036080	28,200	12.5	15.0	28,200	3.90	8.3	16,800	2.64
3653493	PH15NB030****A	CAP**3017A**	PG9MXA048080	28,400	12.5	15.0	28,600	3.94	8.4	17,000	2.64
3653489	PH15NB030****A	CAP**3017A**+TD1		28,000	11.0	13.0	29,200	3.72	8.0	17,700	2.50
3653494	PH15NB030****A	CAP**3614A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653496	PH15NB030****A	CAP**3617A**	PG8*EA048070	28,200	12.0	14.5	28,400	3.86	8.2	17,000	2.60
3653497	PH15NB030****A	CAP**3617A**	PG9MXA036060	28,400	12.5	15.0	28,400	3.96	8.5	16,900	2.66
3653498	PH15NB030****A	CAP**3617A**	PG9MXA036080	28,400	12.5	15.0	28,400	3.94	8.5	16,800	2.66
3653499	PH15NB030****A	CAP**3617A**	PG9MXA048080	28,600	12.5	15.0	28,600	3.98	8.5	17,000	2.66
3653495	PH15NB030****A	CAP**3617A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653502	PH15NB030****A	CAP**3619A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653501	PH15NB030****A	CAP**3621A**	PG8*EA048090	28,400	12.5	15.0	28,400	3.96	8.5	16,900	2.66
3653500	PH15NB030****A	CAP**3621A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653546	PH15NB030****A	CNPF*3618A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653527	PH15NB030****A	CNPH*3017A**	PG8*EA048070	28,000	12.0	14.5	28,400	3.84	8.2	17,000	2.58
3653528	PH15NB030****A	CNPH*3017A**	PG8*EA048090	28,200	12.0	14.5	28,400	3.86	8.2	16,900	2.62
3653532	PH15NB030****A	CNPH*3017A**	PG9MTAV36050*A**	27,800	12.0	14.0	28,600	3.78	8.0	17,100	2.56
3653533	PH15NB030****A	CNPH*3017A**	PG9MTAV36075*A**	28,000	12.0	14.0	28,600	3.80	8.1	17,100	2.56
3653534	PH15NB030****A	CNPH*3017A**	PG9MTAV60100*A**	28,200	12.0	14.5	28,400	3.88	8.2	17,000	2.62
3653535	PH15NB030****A	CNPH*3017A**	PG9MTAV60125*A**	28,200	12.5	15.0	28,400	3.90	8.3	16,900	2.62
3653529	PH15NB030****A	CNPH*3017A**	PG9MXA036060	28,400	12.5	15.0	28,400	3.92	8.3	16,900	2.64
3653530	PH15NB030****A	CNPH*3017A**	PG9MXA036080	28,200	12.5	15.0	28,200	3.90	8.3	16,800	2.64
3653531	PH15NB030****A	CNPH*3017A**	PG9MXA048080	28,400	12.5	15.0	28,600	3.94	8.4	17,000	2.64
3653526	PH15NB030****A	CNPH*3017A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653537	PH15NB030****A	CNPH*3617A**	PG8*EA048070	28,000	12.0	14.5	28,400	3.84	8.2	17,000	2.58
3653538	PH15NB030****A	CNPH*3617A**	PG8*EA048090	28,200	12.0	14.5	28,400	3.86	8.2	16,900	2.62
3653542	PH15NB030****A	CNPH*3617A**	PG9MTAV36050*A**	27,800	12.0	14.0	28,600	3.78	8.0	17,100	2.56
3653543	PH15NB030****A	CNPH*3617A**	PG9MTAV36075*A**	28,000	12.0	14.0	28,600	3.80	8.1	17,100	2.56
3653544	PH15NB030****A	CNPH*3617A**	PG9MTAV60100*A**	28,200	12.0	14.5	28,400	3.88	8.2	17,000	2.62
3653545	PH15NB030****A	CNPH*3617A**	PG9MTAV60125*A**	28,200	12.5	15.0	28,400	3.90	8.3	16,900	2.62
3653539	PH15NB030****A	CNPH*3617A**	PG9MXA036060	28,400	12.5	15.0	28,400	3.92	8.5	16,900	2.64
3653540	PH15NB030****A	CNPH*3617A**	PG9MXA036080	28,200	12.5	15.0	28,200	3.90	8.5	16,800	2.64
3653541	PH15NB030****A	CNPH*3617A**	PG9MXA048080	28,400	12.5	15.0	28,600	3.94	8.5	17,000	2.64
3653536	PH15NB030****A	CNPH*3617A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653503	PH15NB030****A	CNPV*3014A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653505	PH15NB030****A	CNPV*3017A**	PG8*EA048070	28,000	12.0	14.5	28,400	3.84	8.2	17,000	2.58
3653506	PH15NB030****A	CNPV*3017A**	PG9MXA036060	28,400	12.5	15.0	28,400	3.92	8.3	16,900	2.64
3653507	PH15NB030****A	CNPV*3017A**	PG9MXA036080	28,200	12.5	15.0	28,200	3.90	8.3	16,800	2.64
3653508	PH15NB030****A	CNPV*3017A**	PG9MXA048080	28,400	12.5	15.0	28,600	3.94	8.4	17,000	2.64
3653504	PH15NB030****A	CNPV*3017A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653510	PH15NB030****A	CNPV*3117A**	PG8*EA048070	28,800	12.5	15.0	28,600	4.00	8.6	17,100	2.66
3653511	PH15NB030****A	CNPV*3117A**	PG9MXA036060	29,000	12.5	15.0	28,600	4.12	8.8	17,100	2.72
3653512	PH15NB030****A	CNPV*3117A**	PG9MXA036080	29,000	12.5	15.0	28,600	4.10	8.8	17,000	2.70
3653513	PH15NB030****A	CNPV*3117A**	PG9MXA048080	29,000	12.5	15.0	28,600	4.14	8.8	17,200	2.72
3653509	PH15NB030****A	CNPV*3117A**+TD1		28,600	11.5	13.5	29,200	3.90	8.3	17,800	2.56
3653515	PH15NB030****A	CNPV*3617A**	PG8*EA048070	28,000	12.0	14.5	28,400	3.84	8.2	17,000	2.58
3653516	PH15NB030****A	CNPV*3617A**	PG9MXA036060	28,400	12.5	15.0	28,400	3.92	8.5	16,900	2.64
3653517	PH15NB030****A	CNPV*3617A**	PG9MXA036080	28,200	12.5	15.0	28,200	3.90	8.5	16,800	2.64
3653518	PH15NB030****A	CNPV*3617A**	PG9MXA048080	28,400	12.5	15.0	28,600	3.94	8.5	17,000	2.64
3653514	PH15NB030****A	CNPV*3617A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653520	PH15NB030****A	CNPV*3621A**	PG8*EA048090	28,200	12.0	14.5	28,400	3.88	8.2	16,900	2.62
3653519	PH15NB030****A	CNPV*3621A**+TD1		28,000	11.0	13.0	29,200	3.74	8.0	17,700	2.50
3653522	PH15NB030****A	CNPV*3717A**	PG8*EA048070	29,000	12.5	15.0	28,600	4.14	8.8	17,200	2.70
3653523	PH15NB030****A	CNPV*3717A**	PG9MXA036060	29,000	12.5	15.0	28,600	4.24	9.0	17,100	2.76
3653524	PH15NB030****A	CNPV*3717A**	PG9MXA036080	29,000	12.5	15.0	28,600	4.22	9.0	17,100	2.74
3653525	PH15NB030****A	CNPV*3717A**	PG9MXA048080	29,000	12.5	15.0	28,600	4.24	9.0	17,200	2.76

PH15NB

See notes on page 16

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3653521	PH15NB030****A	CNPV*3717A**+TD1		28,800	11.5	13.5	29,200	3.96	8.3	17,900	2.58
3653548	PH15NB030****A	CSPH*3012A**	PG8*EA048070	28,000	12.0	14.5	28,400	3.82	8.1	17,000	2.58
3653549	PH15NB030****A	CSPH*3012A**	PG8*EA048090	28,200	12.0	14.5	28,400	3.86	8.2	16,800	2.60
3653553	PH15NB030****A	CSPH*3012A**	PG9MTAV36050*A**	27,800	12.0	14.0	28,600	3.76	8.0	17,100	2.54
3653554	PH15NB030****A	CSPH*3012A**	PG9MTAV36075*A**	28,000	12.0	14.0	28,600	3.78	8.1	17,100	2.56
3653555	PH15NB030****A	CSPH*3012A**	PG9MTAV60100*A**	28,200	12.0	14.5	28,400	3.86	8.2	17,000	2.60
3653556	PH15NB030****A	CSPH*3012A**	PG9MTAV60125*A**	28,200	12.0	14.5	28,400	3.88	8.2	16,900	2.62
3653550	PH15NB030****A	CSPH*3012A**	PG9MXA036060	28,400	12.5	15.0	28,400	3.92	8.3	16,900	2.64
3653551	PH15NB030****A	CSPH*3012A**	PG9MXA036080	28,200	12.5	15.0	28,200	3.90	8.3	16,800	2.62
3653552	PH15NB030****A	CSPH*3012A**	PG9MXA048080	28,400	12.0	14.5	28,600	3.92	8.3	17,000	2.64
3653547	PH15NB030****A	CSPH*3012A**+TD1		28,000	11.0	13.0	29,200	3.76	8.0	17,700	2.52
3653558	PH15NB030****A	CSPH*3612A**	PG8*EA048070	28,000	12.0	14.5	28,400	3.98	8.2	17,100	2.64
3653559	PH15NB030****A	CSPH*3612A**	PG8*EA048090	28,200	12.0	14.5	28,400	4.02	8.2	17,000	2.68
3653563	PH15NB030****A	CSPH*3612A**	PG9MTAV36050*A**	28,000	12.0	14.0	28,600	3.92	8.0	17,200	2.60
3653564	PH15NB030****A	CSPH*3612A**	PG9MTAV36075*A**	28,000	12.0	14.0	28,600	3.94	8.1	17,200	2.62
3653565	PH15NB030****A	CSPH*3612A**	PG9MTAV60100*A**	28,200	12.0	14.5	28,400	4.04	8.2	17,100	2.68
3653566	PH15NB030****A	CSPH*3612A**	PG9MTAV60125*A**	28,200	12.5	15.0	28,400	4.06	8.3	17,000	2.70
3653560	PH15NB030****A	CSPH*3612A**	PG9MXA036060	28,400	12.5	15.0	28,400	4.08	8.5	17,000	2.70
3653561	PH15NB030****A	CSPH*3612A**	PG9MXA036080	28,200	12.5	15.0	28,200	4.06	8.5	16,900	2.70
3653562	PH15NB030****A	CSPH*3612A**	PG9MXA048080	28,400	12.5	15.0	28,600	4.10	8.5	17,100	2.70
3653557	PH15NB030****A	CSPH*3612A**+TD1		28,000	11.0	13.0	29,200	3.86	8.0	17,800	2.56
3653571	PH15NB030****A	FF1ENP030		27,600	11.0	13.0	29,000	3.68	8.0	17,500	2.48
3653572	PH15NB030****A	FF1ENP031		28,200	12.0	14.5	28,600	3.86	8.2	17,100	2.60
3653573	PH15NB030****A	FF1ENP036		28,200	11.2	13.5	29,200	3.74	8.0	17,600	2.50
3653574	PH15NB030****A	FF1ENP037		28,400	12.0	14.0	28,800	3.86	8.3	17,300	2.60
3653567	PH15NB030****A	PF4MNA030		27,800	11.2	13.5	29,000	3.72	8.0	17,500	2.50
3653569	PH15NB030****A	PF4MNA031		28,200	12.0	14.5	28,600	3.90	8.3	17,100	2.60
3653568	PH15NB030****A	PF4MNA036		28,000	11.0	13.0	29,200	3.72	7.9	17,700	2.48
3653570	PH15NB030****A	PF4MNA037		28,400	12.0	14.0	28,800	3.88	8.3	17,300	2.60
3653897	PH15NB030****A	PF4MNB037		28,800	13.0	15.5	28,200	4.04	8.5	16,700	2.70
3653898	PH15NB036****A	†PF4MNB037		34,800	12.5	15.0	35,400	3.92	8.7	21,400	2.64
3653576	PH15NB036****A	CAP**3614A**	PG8*EA024045	33,200	11.0	13.0	35,000	3.56	7.9	21,600	2.46
3653575	PH15NB036****A	CAP**3614A**+TD1		33,200	11.0	13.0	35,400	3.56	7.9	21,800	2.44
3653578	PH15NB036****A	CAP**3617A**	PG8*EA048070	33,400	11.5	14.0	34,800	3.64	8.0	21,200	2.50
3653579	PH15NB036****A	CAP**3617A**	PG9MXA036060	33,600	12.0	14.0	34,800	3.72	8.2	21,200	2.56
3653580	PH15NB036****A	CAP**3617A**	PG9MXA036080	33,600	12.0	14.0	34,600	3.70	8.1	21,000	2.54
3653581	PH15NB036****A	CAP**3617A**	PG9MXA048080	33,600	12.0	14.0	34,800	3.72	8.2	21,200	2.56
3653577	PH15NB036****A	CAP**3617A**+TD1		33,600	11.0	13.0	35,800	3.62	8.0	22,200	2.46
3653592	PH15NB036****A	CAP**3619A**+TD1		33,600	11.0	13.0	35,800	3.62	8.0	22,200	2.46
3653583	PH15NB036****A	CAP**3621A**	PG8*EA048090	33,800	12.0	14.5	34,600	3.76	8.2	21,000	2.58
3653584	PH15NB036****A	CAP**3621A**	PG8*EA060110	34,000	12.0	14.5	34,800	3.80	8.3	21,200	2.60
3653585	PH15NB036****A	CAP**3621A**	PG9MXA060100	33,600	12.0	14.5	34,400	3.74	8.2	20,800	2.58
3653582	PH15NB036****A	CAP**3621A**+TD1		33,600	11.0	13.0	35,800	3.62	8.0	22,200	2.46
3653587	PH15NB036****A	CAP**4221A**	PG8*EA048090	34,000	12.0	14.5	34,800	3.80	8.5	21,200	2.60
3653588	PH15NB036****A	CAP**4221A**	PG8*EA060110	34,200	12.0	14.5	34,800	3.84	8.5	21,200	2.62
3653589	PH15NB036****A	CAP**4221A**	PG9MXA060100	34,000	12.0	14.5	34,600	3.78	8.3	21,000	2.60
3653586	PH15NB036****A	CAP**4221A**+TD1		33,800	11.0	13.0	35,800	3.66	8.2	22,200	2.48
3653591	PH15NB036****A	CAP**4224A**	PG9MTAV60125*A**	34,400	12.0	14.5	35,200	3.84	8.4	21,400	2.62
3653590	PH15NB036****A	CAP**4224A**+TD1		33,800	11.0	13.0	35,800	3.66	8.2	22,200	2.48
3653642	PH15NB036****A	CNPV*3618A**+TD1		33,600	11.0	13.0	35,800	3.60	8.0	22,200	2.46
3653617	PH15NB036****A	CNPH*3617A**	PG8*EA024045	33,200	11.0	13.5	35,000	3.56	7.9	21,600	2.46
3653618	PH15NB036****A	CNPH*3617A**	PG8*EA048070	33,200	11.5	13.5	34,800	3.60	7.9	21,200	2.48
3653619	PH15NB036****A	CNPH*3617A**	PG8*EA048090	33,400	12.0	14.0	34,600	3.68	8.1	21,000	2.54
3653620	PH15NB036****A	CNPH*3617A**	PG8*EA060110	33,600	12.0	14.5	34,600	3.70	8.1	21,000	2.56
3653625	PH15NB036****A	CNPH*3617A**	PG9MTAV36050*A**	33,000	11.0	13.0	35,000	3.54	7.8	21,600	2.44
3653626	PH15NB036****A	CNPH*3617A**	PG9MTAV36075*A**	33,200	11.5	13.5	35,000	3.56	7.9	21,400	2.46
3653627	PH15NB036****A	CNPH*3617A**	PG9MTAV60100*A**	33,600	11.5	14.0	35,000	3.68	8.1	21,400	2.52
3653628	PH15NB036****A	CNPH*3617A**	PG9MTAV60125*A**	33,600	11.5	14.0	35,000	3.70	8.2	21,400	2.54
3653621	PH15NB036****A	CNPH*3617A**	PG9MXA036060	33,400	12.0	14.0	34,600	3.68	8.1	21,200	2.54
3653622	PH15NB036****A	CNPH*3617A**	PG9MXA036080	33,400	12.0	14.0	34,600	3.66	8.1	21,000	2.54
3653623	PH15NB036****A	CNPH*3617A**	PG9MXA048080	33,400	12.0	14.0	34,600	3.68	8.1	21,200	2.54
3653624	PH15NB036****A	CNPH*3617A**	PG9MXA060100	33,400	12.0	14.5	34,400	3.66	8.0	20,800	2.54
3653616	PH15NB036****A	CNPH*3617A**+TD1		33,600	11.0	13.0	35,800	3.60	8.0	22,200	2.46
3653630	PH15NB036****A	CNPH*4221A**	PG8*EA024045	33,600	11.5	13.5	35,200	3.64	8.0	21,600	2.50
3653631	PH15NB036****A	CNPH*4221A**	PG8*EA048070	33,600	11.5	14.0	35,000	3.68	8.1	21,400	2.52
3653632	PH15NB036****A	CNPH*4221A**	PG8*EA048090	34,000	12.0	14.5	34,800	3.78	8.5	21,200	2.58
3653633	PH15NB036****A	CNPH*4221A**	PG8*EA060110	34,000	12.0	14.5	34,800	3.80	8.5	21,200	2.60
3653638	PH15NB036****A	CNPH*4221A**	PG9MTAV36050*A**	33,400	11.0	13.0	35,200	3.62	8.0	21,600	2.48
3653639	PH15NB036****A	CNPH*4221A**	PG9MTAV36075*A**	33,600	11.5	13.5	35,200	3.66	8.1	21,600	2.50
3653640	PH15NB036****A	CNPH*4221A**	PG9MTAV60100*A**	34,000	12.0	14.0	35,200	3.78	8.3	21,600	2.58
3653641	PH15NB036****A	CNPH*4221A**	PG9MTAV60125*A**	34,200	12.0	14.0	35,200	3.80	8.4	21,400	2.60
3653634	PH15NB036****A	CNPH*4221A**	PG9MXA036060	34,000	12.0	14.5	34,800	3.78	8.3	21,200	2.58
3653635	PH15NB036****A	CNPH*4221A**	PG9MXA036080	34,000	12.0	14.5	34,800	3.76	8.3	21,200	2.58
3653636	PH15NB036****A	CNPH*4221A**	PG9MXA048080	34,000	12.0	14.5	34,800	3.76	8.3	21,200	2.58
3653637	PH15NB036****A	CNPH*4221A**	PG9MXA060100	33,800	12.0	14.5	34,600	3.76	8.2	21,000	2.58
3653629	PH15NB036****A	CNPH*4221A**+TD1		33,800	11.0	13.0	35,800	3.66	8.2	22,200	2.48
3653594	PH15NB036****A	CNPV*3617A**	PG8*EA048070	33,200	11.5	13.5	34,800	3.60	7.9	21,200	2.48
3653595	PH15NB036****A	CNPV*3617A**	PG9MXA036060	33,400	12.0	14.0	34,600	3.68	8.1	21,200	2.54
3653596	PH15NB036****A	CNPV*3617A**	PG9MXA036080	33,400	12.0	14.0	34,600	3.66	8.1	21,000	2.54

See notes on page 16

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3653597	PH15NB036****A	CNPV*3617A**	PG9MXA048080	33,400	12.0	14.0	34,600	3.68	8.1	21,200	2.54
3653593	PH15NB036****A	CNPV*3617A**+TD1		33,600	11.0	13.0	35,800	3.60	8.0	22,200	2.46
3653599	PH15NB036****A	CNPV*3621A**	PG8*EA048090	33,600	12.0	14.5	34,600	3.70	8.1	21,000	2.54
3653600	PH15NB036****A	CNPV*3621A**	PG8*EA060110	33,600	12.0	14.5	34,600	3.72	8.2	21,000	2.56
3653601	PH15NB036****A	CNPV*3621A**	PG9MXA060100	33,400	12.0	14.5	34,400	3.68	8.1	20,800	2.54
3653598	PH15NB036****A	CNPV*3621A**+TD1		33,600	11.0	13.0	35,800	3.60	8.0	22,200	2.46
3653603	PH15NB036****A	CNPV*3717A**	PG8*EA048070	34,600	12.0	14.5	35,400	3.88	8.5	21,600	2.60
3653604	PH15NB036****A	CNPV*3717A**	PG9MXA036060	35,000	12.0	14.5	35,400	3.96	8.7	21,600	2.66
3653605	PH15NB036****A	CNPV*3717A**	PG9MXA036080	34,800	12.0	14.5	35,200	3.94	8.6	21,400	2.66
3653606	PH15NB036****A	CNPV*3717A**	PG9MXA048080	35,000	12.0	14.5	35,400	3.96	8.6	21,600	2.66
3653602	PH15NB036****A	CNPV*3717A**+TD1		33,800	11.0	13.0	35,800	3.84	8.1	22,400	2.56
3653608	PH15NB036****A	CNPV*4217A**	PG8*EA048070	34,000	11.5	14.0	35,200	3.74	8.2	21,400	2.54
3653609	PH15NB036****A	CNPV*4217A**	PG9MXA036060	34,200	12.0	14.5	35,000	3.82	8.5	21,400	2.60
3653610	PH15NB036****A	CNPV*4217A**	PG9MXA036080	34,200	12.0	14.5	35,000	3.80	8.5	21,200	2.60
3653611	PH15NB036****A	CNPV*4217A**	PG9MXA048080	34,200	12.0	14.5	35,000	3.82	8.5	21,400	2.60
3653607	PH15NB036****A	CNPV*4217A**+TD1		33,800	11.0	13.5	35,800	3.72	8.2	22,400	2.52
3653613	PH15NB036****A	CNPV*4221A**	PG8*EA048090	34,000	12.0	14.5	34,800	3.78	8.5	21,200	2.58
3653614	PH15NB036****A	CNPV*4221A**	PG8*EA060110	34,000	12.0	14.5	34,800	3.80	8.5	21,200	2.60
3653615	PH15NB036****A	CNPV*4221A**	PG9MXA060100	33,800	12.0	14.5	34,600	3.76	8.2	21,000	2.58
3653612	PH15NB036****A	CNPV*4221A**+TD1		33,800	11.0	13.0	35,800	3.66	8.2	22,200	2.48
3653644	PH15NB036****A	CSPH*3612A**	PG8*EA024045	33,200	11.5	13.5	35,000	3.72	7.9	21,800	2.52
3653645	PH15NB036****A	CSPH*3612A**	PG8*EA048070	33,200	11.5	13.5	34,800	3.76	7.9	21,400	2.56
3653646	PH15NB036****A	CSPH*3612A**	PG8*EA048090	33,600	12.0	14.5	34,600	3.86	8.1	21,200	2.62
3653647	PH15NB036****A	CSPH*3612A**	PG8*EA060110	33,600	12.0	14.5	34,600	3.88	8.1	21,200	2.64
3653652	PH15NB036****A	CSPH*3612A**	PG9MTAV36050*A**	33,000	11.0	13.0	35,000	3.68	7.8	21,800	2.50
3653653	PH15NB036****A	CSPH*3612A**	PG9MTAV36075*A**	33,200	11.5	13.5	35,000	3.72	7.9	21,600	2.54
3653654	PH15NB036****A	CSPH*3612A**	PG9MTAV60100*A**	33,600	11.5	14.0	35,000	3.86	8.1	21,600	2.60
3653655	PH15NB036****A	CSPH*3612A**	PG9MTAV60125*A**	33,600	11.5	14.0	35,000	3.88	8.2	21,600	2.62
3653648	PH15NB036****A	CSPH*3612A**	PG9MXA036060	33,400	12.0	14.0	34,600	3.84	8.1	21,400	2.60
3653649	PH15NB036****A	CSPH*3612A**	PG9MXA036080	33,400	12.0	14.0	34,600	3.84	8.1	21,200	2.60
3653650	PH15NB036****A	CSPH*3612A**	PG9MXA048080	33,400	12.0	14.0	34,600	3.84	8.1	21,400	2.60
3653651	PH15NB036****A	CSPH*3612A**	PG9MXA060100	33,400	12.0	14.5	34,400	3.84	8.0	21,000	2.62
3653643	PH15NB036****A	CSPH*3612A**+TD1		33,600	11.0	13.0	35,800	3.72	8.0	22,400	2.52
3653657	PH15NB036****A	CSPH*4212A**	PG8*EA024045	33,600	11.5	13.5	35,200	3.76	8.0	21,800	2.54
3653658	PH15NB036****A	CSPH*4212A**	PG8*EA048070	33,600	11.5	14.0	35,000	3.80	8.1	21,600	2.58
3653659	PH15NB036****A	CSPH*4212A**	PG8*EA048090	34,000	12.0	14.5	34,800	3.90	8.5	21,200	2.64
3653660	PH15NB036****A	CSPH*4212A**	PG8*EA060110	34,000	12.0	14.5	34,800	3.94	8.5	21,400	2.66
3653665	PH15NB036****A	CSPH*4212A**	PG9MTAV36050*A**	33,400	11.0	13.0	35,200	3.74	8.0	21,800	2.52
3653666	PH15NB036****A	CSPH*4212A**	PG9MTAV36075*A**	33,600	11.5	13.5	35,200	3.78	8.1	21,800	2.56
3653667	PH15NB036****A	CSPH*4212A**	PG9MTAV60100*A**	34,000	12.0	14.0	35,200	3.90	8.3	21,800	2.62
3653668	PH15NB036****A	CSPH*4212A**	PG9MTAV60125*A**	34,200	12.0	14.0	35,200	3.94	8.4	21,600	2.64
3653661	PH15NB036****A	CSPH*4212A**	PG9MXA036060	34,000	12.0	14.5	34,800	3.90	8.3	21,400	2.64
3653662	PH15NB036****A	CSPH*4212A**	PG9MXA036080	34,000	12.0	14.5	34,800	3.88	8.3	21,400	2.62
3653663	PH15NB036****A	CSPH*4212A**	PG9MXA048080	34,000	12.0	14.5	34,800	3.90	8.3	21,400	2.62
3653664	PH15NB036****A	CSPH*4212A**	PG9MXA060100	33,800	12.0	14.5	34,600	3.88	8.2	21,200	2.64
3653656	PH15NB036****A	CSPH*4212A**+TD1		33,800	11.0	13.0	35,800	3.76	8.2	22,400	2.54
3653673	PH15NB036****A	FF1ENP036		33,600	11.0	13.0	35,800	3.56	8.0	22,200	2.44
3653674	PH15NB036****A	FF1ENP037		33,600	11.0	13.0	35,600	3.62	8.0	22,000	2.48
3653669	PH15NB036****A	PF4MNA036		33,600	11.0	13.0	35,800	3.58	7.9	22,200	2.44
3653671	PH15NB036****A	PF4MNA037		34,000	12.0	14.0	35,200	3.76	8.5	21,600	2.56
3653670	PH15NB036****A	PF4MNA042		34,200	11.0	13.0	36,000	3.66	8.1	22,400	2.48
3653672	PH15NB036****A	PF4MNA043		34,600	12.0	14.0	35,600	3.82	8.5	21,800	2.58
3653899	PH15NB036****A	PF4MNB043		34,800	12.0	14.5	35,200	3.92	8.7	21,400	2.64
3653900	PH15NB042****A	†PF4MNB043		41,500	12.5	15.0	41,500	3.82	8.7	26,400	2.62
3653676	PH15NB042****A	CAP**4221A**	PG8*EA048090	41,000	12.0	14.5	41,500	3.70	8.2	25,800	2.58
3653677	PH15NB042****A	CAP**4221A**	PG8*EA060110	41,000	12.0	14.5	41,500	3.72	8.3	25,600	2.58
3653678	PH15NB042****A	CAP**4221A**	PG9MXA060100	41,000	12.0	14.5	41,500	3.72	8.3	25,800	2.60
3653675	PH15NB042****A	CAP**4221A**+TD1		41,000	11.0	13.0	41,500	3.62	8.0	27,000	2.50
3653680	PH15NB042****A	CAP**4224A**	PG8*EA060135	41,000	12.0	14.5	41,500	3.72	8.3	25,800	2.58
3653682	PH15NB042****A	CAP**4224A**	PG9MTAV60125*A**	41,000	12.0	14.5	41,500	3.72	8.3	26,000	2.58
3653681	PH15NB042****A	CAP**4224A**	PG9MXA060120	41,000	12.5	15.0	41,500	3.76	8.4	25,800	2.62
3653679	PH15NB042****A	CAP**4224A**+TD1		41,000	11.0	13.0	41,500	3.62	8.0	27,000	2.50
3653684	PH15NB042****A	CAP**4817A**	PG8*EA048070	41,000	12.0	14.0	41,500	3.76	8.2	26,600	2.56
3653685	PH15NB042****A	CAP**4817A**	PG9MXA036060	41,000	12.0	14.5	41,500	3.84	8.4	26,400	2.62
3653686	PH15NB042****A	CAP**4817A**	PG9MXA036080	41,000	12.0	14.5	41,500	3.86	8.4	26,200	2.64
3653687	PH15NB042****A	CAP**4817A**	PG9MXA048080	41,000	12.0	14.5	41,500	3.82	8.4	26,200	2.62
3653683	PH15NB042****A	CAP**4817A**+TD1		41,000	11.0	13.0	41,500	3.80	8.2	27,200	2.58
3653688	PH15NB042****A	CAP**4821A**	PG8*EA048090	41,000	12.5	15.0	41,500	3.80	8.5	26,000	2.62
3653689	PH15NB042****A	CAP**4821A**	PG8*EA060110	41,000	12.5	15.0	41,500	3.82	8.5	25,800	2.64
3653690	PH15NB042****A	CAP**4821A**	PG9MXA060100	41,000	12.5	15.0	41,500	3.82	8.5	26,000	2.64
3653695	PH15NB042****A	CAP**4823A**+TD1		41,000	11.0	13.0	41,500	3.74	8.2	27,000	2.54
3653692	PH15NB042****A	CAP**4824A**	PG8*EA060135	41,000	12.5	15.0	41,500	3.84	8.5	26,000	2.64
3653694	PH15NB042****A	CAP**4824A**	PG9MTAV60125*A**	41,000	12.0	14.5	41,500	3.84	8.5	26,200	2.64
3653693	PH15NB042****A	CAP**4824A**	PG9MXA060120	41,000	12.5	15.0	41,500	3.88	8.6	26,000	2.66
3653691	PH15NB042****A	CAP**4824A**+TD1		41,000	11.0	13.0	41,500	3.74	8.2	27,000	2.54
3653738	PH15NB042****A	CNPF*4818A**+TD1		41,000	11.0	13.0	41,500	3.70	8.1	27,000	2.54
3653714	PH15NB042****A	CNPH*4221A**	PG8*EA048070	40,500	11.5	13.5	41,500	3.60	8.0	26,400	2.50
3653715	PH15NB042****A	CNPH*4221A**	PG8*EA048090	41,000	12.0	14.5	41,500	3.68	8.2	25,800	2.56
3653716	PH15NB042****A	CNPH*4221A**	PG8*EA060110	41,000	12.0	14.5	41,500	3.70	8.2	25,600	2.58

See notes on page 16

PH15NB

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3653717	PH15NB042****A	CNPH*4221A**	PG8*EA060135	41,000	12.0	14.5	41,500	3.68	8.2	25,800	2.56
3653723	PH15NB042****A	CNPH*4221A**	PG9MTAV60100*A**	41,000	12.0	14.0	41,500	3.68	8.2	26,200	2.56
3653724	PH15NB042****A	CNPH*4221A**	PG9MTAV60125*A**	41,000	12.0	14.5	41,500	3.68	8.2	26,000	2.56
3653718	PH15NB042****A	CNPH*4221A**	PG9MXA036060	41,000	12.0	14.0	41,500	3.68	8.2	26,000	2.56
3653719	PH15NB042****A	CNPH*4221A**	PG9MXA036080	41,000	12.0	14.0	41,500	3.68	8.2	26,000	2.56
3653720	PH15NB042****A	CNPH*4221A**	PG9MXA048080	41,000	12.0	14.0	41,500	3.66	8.2	25,800	2.54
3653721	PH15NB042****A	CNPH*4221A**	PG9MXA060100	41,000	12.0	14.5	41,500	3.70	8.3	25,800	2.58
3653722	PH15NB042****A	CNPH*4221A**	PG9MXA060120	41,000	12.0	14.5	41,500	3.72	8.3	25,800	2.60
3653713	PH15NB042****A	CNPH*4221A**+TD1		41,000	11.0	13.0	41,500	3.64	8.0	27,000	2.50
3653726	PH15NB042****A	CNPH*4821A**	PG8*EA048070	41,000	12.0	14.0	41,500	3.74	8.2	26,600	2.56
3653727	PH15NB042****A	CNPH*4821A**	PG8*EA048090	41,000	12.5	15.0	41,500	3.82	8.5	26,000	2.64
3653728	PH15NB042****A	CNPH*4821A**	PG8*EA060110	41,000	12.5	15.0	41,500	3.86	8.5	26,000	2.66
3653729	PH15NB042****A	CNPH*4821A**	PG8*EA060135	41,000	12.5	15.0	41,500	3.84	8.5	26,000	2.64
3653735	PH15NB042****A	CNPH*4821A**	PG9MTAV36075*A**	41,000	11.5	14.0	41,500	3.70	8.1	26,600	2.54
3653736	PH15NB042****A	CNPH*4821A**	PG9MTAV60100*A**	41,000	12.0	14.5	41,500	3.84	8.4	26,400	2.62
3653737	PH15NB042****A	CNPH*4821A**	PG9MTAV60125*A**	41,000	12.0	14.5	41,500	3.84	8.5	26,200	2.64
3653730	PH15NB042****A	CNPH*4821A**	PG9MXA036060	41,000	12.0	14.5	41,500	3.82	8.4	26,200	2.62
3653731	PH15NB042****A	CNPH*4821A**	PG9MXA036080	41,000	12.0	14.5	41,500	3.82	8.4	26,200	2.62
3653732	PH15NB042****A	CNPH*4821A**	PG9MXA048080	41,000	12.0	14.5	41,500	3.80	8.3	26,000	2.62
3653733	PH15NB042****A	CNPH*4821A**	PG9MXA060100	41,000	12.5	15.0	41,500	3.86	8.5	26,000	2.66
3653734	PH15NB042****A	CNPH*4821A**	PG9MXA060120	41,000	12.5	15.0	41,500	3.88	8.6	26,000	2.66
3653725	PH15NB042****A	CNPH*4821A**+TD1		41,000	11.0	13.0	41,500	3.74	8.2	27,000	2.56
3653697	PH15NB042****A	CNPV*4217A**	PG8*EA048070	41,000	11.5	13.5	41,500	3.64	8.0	26,400	2.52
3653698	PH15NB042****A	CNPV*4217A**	PG9MXA036060	41,000	12.0	14.5	41,500	3.72	8.2	26,200	2.58
3653699	PH15NB042****A	CNPV*4217A**	PG9MXA036080	41,000	12.0	14.5	41,500	3.74	8.3	26,000	2.58
3653700	PH15NB042****A	CNPV*4217A**	PG9MXA048080	41,000	12.0	14.5	41,500	3.72	8.3	26,000	2.58
3653696	PH15NB042****A	CNPV*4217A**+TD1		41,000	11.0	13.0	41,500	3.70	8.1	27,000	2.54
3653702	PH15NB042****A	CNPV*4221A**	PG8*EA048090	41,000	12.0	14.5	41,500	3.68	8.2	25,800	2.56
3653703	PH15NB042****A	CNPV*4221A**	PG8*EA060110	41,000	12.0	14.5	41,500	3.70	8.2	25,600	2.58
3653704	PH15NB042****A	CNPV*4221A**	PG9MXA060100	41,000	12.0	14.5	41,500	3.70	8.3	25,800	2.58
3653701	PH15NB042****A	CNPV*4221A**+TD1		41,000	11.0	13.0	41,500	3.64	8.0	27,000	2.50
3653766	PH15NB042****A	CNPV*4324A**	PG8*EA060135	42,000	13.0	15.5	42,000	3.96	8.6	26,200	2.70
3653768	PH15NB042****A	CNPV*4324A**	PG9MTAV60125*A**	42,000	12.5	15.0	42,000	3.94	8.6	26,400	2.68
3653767	PH15NB042****A	CNPV*4324A**	PG9MXA060120	42,000	13.0	15.5	42,000	4.00	8.7	26,200	2.72
3653765	PH15NB042****A	CNPV*4324A**+TD1		42,000	12.0	14.0	42,000	3.82	8.4	27,200	2.60
3653706	PH15NB042****A	CNPV*4821A**	PG8*EA048090	41,000	12.5	15.0	41,500	3.82	8.5	26,000	2.64
3653707	PH15NB042****A	CNPV*4821A**	PG8*EA060110	41,000	12.5	15.0	41,500	3.86	8.5	26,000	2.66
3653708	PH15NB042****A	CNPV*4821A**	PG9MXA060100	41,000	12.5	15.0	41,500	3.86	8.5	26,000	2.66
3653705	PH15NB042****A	CNPV*4821A**+TD1		41,000	11.0	13.0	41,500	3.74	8.2	27,000	2.56
3653710	PH15NB042****A	CNPV*4824A**	PG8*EA060135	41,000	12.5	15.0	41,500	3.84	8.5	26,000	2.64
3653712	PH15NB042****A	CNPV*4824A**	PG9MTAV60125*A**	41,000	12.0	14.5	41,500	3.84	8.5	26,200	2.64
3653711	PH15NB042****A	CNPV*4824A**	PG9MXA060120	41,000	12.5	15.0	41,500	3.88	8.6	26,000	2.66
3653709	PH15NB042****A	CNPV*4824A**+TD1		41,000	11.0	13.0	41,500	3.74	8.2	27,000	2.56
3653740	PH15NB042****A	CSPH*4212A**	PG8*EA048070	41,000	11.5	13.5	41,500	3.72	8.0	26,600	2.56
3653741	PH15NB042****A	CSPH*4212A**	PG8*EA048090	41,000	12.0	14.5	41,500	3.82	8.2	26,000	2.62
3653742	PH15NB042****A	CSPH*4212A**	PG8*EA060110	41,000	12.0	14.5	41,500	3.84	8.2	26,000	2.64
3653743	PH15NB042****A	CSPH*4212A**	PG8*EA060135	41,000	12.0	14.5	41,500	3.82	8.2	26,000	2.62
3653749	PH15NB042****A	CSPH*4212A**	PG9MTAV60125*A**	41,000	11.5	13.5	41,500	3.68	8.0	26,600	2.54
3653750	PH15NB042****A	CSPH*4212A**	PG9MTAV60100*A**	41,000	12.0	14.0	41,500	3.82	8.2	26,400	2.62
3653751	PH15NB042****A	CSPH*4212A**	PG9MTAV60125*A**	41,000	12.0	14.5	41,500	3.82	8.2	26,200	2.62
3653744	PH15NB042****A	CSPH*4212A**	PG9MXA036060	41,000	12.0	14.0	41,500	3.82	8.2	26,200	2.62
3653745	PH15NB042****A	CSPH*4212A**	PG9MXA036080	41,000	12.0	14.0	41,500	3.82	8.2	26,200	2.62
3653746	PH15NB042****A	CSPH*4212A**	PG9MXA048080	41,000	12.0	14.0	41,500	3.80	8.2	26,000	2.62
3653747	PH15NB042****A	CSPH*4212A**	PG9MXA060100	41,000	12.0	14.5	41,500	3.84	8.3	26,000	2.64
3653748	PH15NB042****A	CSPH*4212A**	PG9MXA060120	41,000	12.0	14.5	41,500	3.86	8.3	26,000	2.66
3653739	PH15NB042****A	CSPH*4212A**+TD1		41,000	11.0	13.0	41,500	3.76	8.0	27,200	2.56
3653753	PH15NB042****A	CSPH*4812A**	PG8*EA048070	41,000	12.0	14.0	41,500	3.74	8.2	26,600	2.56
3653754	PH15NB042****A	CSPH*4812A**	PG8*EA048090	41,000	12.5	15.0	41,500	3.84	8.5	26,000	2.64
3653755	PH15NB042****A	CSPH*4812A**	PG8*EA060110	41,000	12.5	15.0	41,500	3.86	8.5	26,000	2.66
3653756	PH15NB042****A	CSPH*4812A**	PG8*EA060135	41,000	12.5	15.0	41,500	3.84	8.4	26,000	2.64
3653762	PH15NB042****A	CSPH*4812A**	PG9MTAV36075*A**	41,000	11.5	14.0	41,500	3.72	8.1	26,600	2.54
3653763	PH15NB042****A	CSPH*4812A**	PG9MTAV60100*A**	41,000	12.0	14.5	41,500	3.84	8.4	26,400	2.62
3653764	PH15NB042****A	CSPH*4812A**	PG9MTAV60125*A**	41,000	12.0	14.5	41,500	3.86	8.5	26,200	2.64
3653757	PH15NB042****A	CSPH*4812A**	PG9MXA036060	41,000	12.0	14.5	41,500	3.84	8.4	26,400	2.62
3653758	PH15NB042****A	CSPH*4812A**	PG9MXA036080	41,000	12.0	14.5	41,500	3.84	8.4	26,200	2.64
3653759	PH15NB042****A	CSPH*4812A**	PG9MXA048080	41,000	12.0	14.5	41,500	3.82	8.3	26,200	2.62
3653760	PH15NB042****A	CSPH*4812A**	PG9MXA060100	41,000	12.5	15.0	41,500	3.86	8.4	26,000	2.66
3653761	PH15NB042****A	CSPH*4812A**	PG9MXA060120	41,000	12.5	15.0	41,500	3.90	8.5	26,000	2.66
3653752	PH15NB042****A	CSPH*4812A**+TD1		41,000	11.0	13.0	41,500	3.78	8.2	27,200	2.56
3653769	PH15NB042****A	PF4MNA042		41,000	11.5	13.5	41,500	3.64	8.0	27,200	2.50
3653771	PH15NB042****A	PF4MNA043		41,000	12.0	14.5	41,500	3.78	8.3	26,600	2.60
3653770	PH15NB042****A	PF4MNA048		41,000	11.5	14.0	41,500	3.74	8.3	27,200	2.54
3653772	PH15NB042****A	PF4MNA049		41,000	12.5	15.0	41,500	3.92	8.7	26,600	2.68
3653901	PH15NB042****A	PF4MNB049		41,000	13.0	15.5	41,500	3.90	8.6	25,800	2.68
3653902	PH15NB048****A	↑PF4MNB049		47,500	12.5	15.0	46,500	3.84	8.5	29,000	2.66
3653774	PH15NB048****A	CAP**4817A**	PG9MXA048080	45,500	11.5	13.5	46,000	3.70	8.0	29,200	2.56
3653773	PH15NB048****A	CAP**4817A**+TD1		45,000	11.0	13.0	46,000	3.66	7.9	29,200	2.54
3653775	PH15NB048****A	CAP**4821A**	PG8*EA048090	45,500	12.0	14.0	45,500	3.68	7.9	28,800	2.56
3653776	PH15NB048****A	CAP**4821A**	PG8*EA060110	45,000	12.0	14.5	45,000	3.70	8.0	28,400	2.58

See notes on page 16

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3653777	PH15NB048****A	CAP**4821A**	PG9MXA060100	45,500	12.0	14.0	45,000	3.70	8.0	28,600	2.58
3653790	PH15NB048****A	CAP**4823A**+TD1		45,500	11.0	13.0	46,500	3.68	7.9	29,600	2.54
3653779	PH15NB048****A	CAP**4824A**	PG8*EA060135	45,500	12.0	14.0	45,500	3.70	8.0	28,600	2.58
3653781	PH15NB048****A	CAP**4824A**	PG9MTAV60125*A**	45,500	11.5	14.0	45,500	3.70	8.0	29,000	2.56
3653780	PH15NB048****A	CAP**4824A**	PG9MXA060120	45,500	12.0	14.5	45,000	3.74	8.1	28,600	2.60
3653778	PH15NB048****A	CAP**4824A**+TD1		45,500	11.0	13.0	46,500	3.68	7.9	29,600	2.54
3653783	PH15NB048****A	CAP**6021A**	PG8*EA048090	46,500	12.0	14.5	45,500	3.74	8.1	28,800	2.60
3653784	PH15NB048****A	CAP**6021A**	PG8*EA060110	46,500	12.0	14.5	45,000	3.78	8.1	28,600	2.64
3653785	PH15NB048****A	CAP**6021A**	PG9MXA060100	46,500	12.0	14.5	45,500	3.78	8.2	28,800	2.62
3653782	PH15NB048****A	CAP**6021A**+TD1		46,500	11.0	13.0	46,500	3.74	8.1	29,800	2.56
3653787	PH15NB048****A	CAP**6024A**	PG8*EA060135	46,500	12.0	14.5	45,500	3.76	8.1	28,800	2.62
3653789	PH15NB048****A	CAP**6024A**	PG9MTAV60125*A**	46,500	12.0	14.5	46,000	3.74	8.2	29,200	2.60
3653788	PH15NB048****A	CAP**6024A**	PG9MXA060120	46,500	12.0	14.5	45,500	3.80	8.2	28,800	2.64
3653786	PH15NB048****A	CAP**6024A**+TD1		46,500	11.0	13.0	46,500	3.74	8.1	29,800	2.56
3653791	PH15NB048****A	CAP**6025A**+TD1		46,500	11.0	13.0	46,500	3.74	8.1	29,800	2.56
3653835	PH15NB048****A	CNPF*4818A**+TD1		44,500	11.0	13.0	45,500	3.56	7.7	29,000	2.50
3653809	PH15NB048****A	CNPH*4821A**	PG8*EA048090	45,500	12.0	14.0	45,500	3.70	7.9	28,800	2.58
3653810	PH15NB048****A	CNPH*4821A**	PG8*EA060110	45,000	12.0	14.5	45,000	3.74	8.0	28,400	2.60
3653811	PH15NB048****A	CNPH*4821A**	PG8*EA060135	45,500	12.0	14.0	45,000	3.72	8.0	28,600	2.58
3653815	PH15NB048****A	CNPH*4821A**	PG9MTAV60100*A**	45,500	11.5	13.5	46,000	3.68	7.9	29,200	2.56
3653816	PH15NB048****A	CNPH*4821A**	PG9MTAV60125*A**	45,500	11.5	14.0	45,500	3.70	8.0	29,000	2.56
3653812	PH15NB048****A	CNPH*4821A**	PG9MXA048080	45,500	11.5	13.5	45,500	3.68	7.9	29,000	2.56
3653813	PH15NB048****A	CNPH*4821A**	PG9MXA060100	45,500	12.0	14.0	45,000	3.72	8.0	28,600	2.60
3653814	PH15NB048****A	CNPH*4821A**	PG9MXA060120	45,500	12.0	14.5	45,000	3.76	8.1	28,600	2.62
3653808	PH15NB048****A	CNPH*4821A**+TD1		45,500	11.0	13.0	46,500	3.68	7.9	29,600	2.54
3653818	PH15NB048****A	CNPH*6024A**	PG8*EA048090	46,500	12.0	14.5	45,500	3.76	8.1	28,800	2.62
3653819	PH15NB048****A	CNPH*6024A**	PG8*EA060110	46,500	12.0	14.5	45,000	3.78	8.1	28,600	2.64
3653820	PH15NB048****A	CNPH*6024A**	PG8*EA060135	46,500	12.0	14.5	45,500	3.78	8.1	28,800	2.62
3653824	PH15NB048****A	CNPH*6024A**	PG9MTAV60100*A**	46,500	12.0	14.0	46,000	3.74	8.1	29,200	2.58
3653825	PH15NB048****A	CNPH*6024A**	PG9MTAV60125*A**	46,500	12.0	14.5	46,000	3.74	8.2	29,200	2.60
3653821	PH15NB048****A	CNPH*6024A**	PG9MXA048080	46,500	12.0	14.0	46,000	3.72	8.0	29,200	2.58
3653822	PH15NB048****A	CNPH*6024A**	PG9MXA060100	46,500	12.0	14.5	45,500	3.78	8.2	28,800	2.64
3653823	PH15NB048****A	CNPH*6024A**	PG9MXA060120	46,500	12.0	14.5	45,500	3.80	8.2	28,600	2.64
3653817	PH15NB048****A	CNPH*6024A**+TD1		46,500	11.0	13.0	46,500	3.72	8.0	29,800	2.56
3653827	PH15NB048****A	CNPH*6124A**	PG8*EA048090	46,500	12.0	14.5	46,000	3.80	8.2	29,000	2.62
3653828	PH15NB048****A	CNPH*6124A**	PG8*EA060110	46,500	12.0	14.5	45,500	3.82	8.2	28,600	2.64
3653829	PH15NB048****A	CNPH*6124A**	PG8*EA060135	46,500	12.0	14.5	45,500	3.82	8.2	28,800	2.62
3653833	PH15NB048****A	CNPH*6124A**	PG9MTAV60100*A**	46,500	12.0	14.0	46,500	3.80	8.1	29,400	2.60
3653834	PH15NB048****A	CNPH*6124A**	PG9MTAV60125*A**	46,500	12.0	14.5	46,000	3.82	8.2	29,200	2.60
3653830	PH15NB048****A	CNPH*6124A**	PG9MXA048080	46,500	12.0	14.0	46,000	3.80	8.1	29,200	2.60
3653831	PH15NB048****A	CNPH*6124A**	PG9MXA060100	46,500	12.0	14.5	45,500	3.82	8.2	28,800	2.64
3653832	PH15NB048****A	CNPH*6124A**	PG9MXA060120	47,000	12.5	15.0	45,500	3.86	8.3	28,800	2.66
3653826	PH15NB048****A	CNPH*6124A**+TD1		47,000	11.0	13.0	47,000	3.80	8.2	29,800	2.58
3653793	PH15NB048****A	CNPV*4821A**	PG8*EA048090	45,500	12.0	14.0	45,500	3.70	7.9	28,800	2.58
3653794	PH15NB048****A	CNPV*4821A**	PG8*EA060110	45,000	12.0	14.5	45,000	3.74	8.0	28,400	2.60
3653795	PH15NB048****A	CNPV*4821A**	PG9MXA060100	45,500	12.0	14.0	45,000	3.72	8.0	28,600	2.60
3653792	PH15NB048****A	CNPV*4821A**+TD1		45,500	11.0	13.0	46,500	3.68	7.9	29,600	2.54
3653797	PH15NB048****A	CNPV*4824A**	PG8*EA060135	45,500	12.0	14.0	45,000	3.72	8.0	28,600	2.58
3653799	PH15NB048****A	CNPV*4824A**	PG9MTAV60125*A**	45,500	11.5	14.0	45,500	3.70	8.0	29,000	2.56
3653798	PH15NB048****A	CNPV*4824A**	PG9MXA060120	45,500	12.0	14.5	45,000	3.76	8.1	28,600	2.62
3653796	PH15NB048****A	CNPV*4824A**+TD1		45,500	11.0	13.0	46,500	3.68	7.9	29,600	2.54
3653801	PH15NB048****A	CNPV*6024A**	PG8*EA060135	46,500	12.0	14.5	45,500	3.78	8.1	28,800	2.62
3653803	PH15NB048****A	CNPV*6024A**	PG9MTAV60125*A**	46,500	12.0	14.5	46,000	3.74	8.2	29,200	2.60
3653802	PH15NB048****A	CNPV*6024A**	PG9MXA060120	46,500	12.0	14.5	45,500	3.80	8.2	28,600	2.64
3653800	PH15NB048****A	CNPV*6024A**+TD1		46,500	11.0	13.0	46,500	3.72	8.0	29,800	2.56
3653805	PH15NB048****A	CNPV*6124A**	PG8*EA060135	47,000	12.5	15.0	45,500	3.86	8.5	28,800	2.66
3653807	PH15NB048****A	CNPV*6124A**	PG9MTAV60125*A**	47,000	12.0	14.5	46,000	3.84	8.2	29,200	2.64
3653806	PH15NB048****A	CNPV*6124A**	PG9MXA060120	47,000	12.5	15.0	45,500	3.90	8.5	28,800	2.68
3653804	PH15NB048****A	CNPV*6124A**+TD1		47,000	11.0	13.0	47,000	3.80	8.2	30,000	2.60
3653837	PH15NB048****A	CSPH*4812A**	PG8*EA048090	46,000	12.0	14.0	45,500	3.72	7.9	28,800	2.58
3653838	PH15NB048****A	CSPH*4812A**	PG8*EA060110	45,500	12.0	14.5	45,000	3.74	8.0	28,400	2.60
3653839	PH15NB048****A	CSPH*4812A**	PG8*EA060135	45,500	12.0	14.0	45,000	3.72	8.0	28,600	2.58
3653843	PH15NB048****A	CSPH*4812A**	PG9MTAV60100*A**	46,000	11.5	13.5	46,000	3.68	7.9	29,200	2.56
3653844	PH15NB048****A	CSPH*4812A**	PG9MTAV60125*A**	46,000	11.5	14.0	45,500	3.72	8.0	29,000	2.58
3653840	PH15NB048****A	CSPH*4812A**	PG9MXA048080	46,000	11.5	13.5	45,500	3.70	7.9	29,000	2.56
3653841	PH15NB048****A	CSPH*4812A**	PG9MXA060100	46,000	12.0	14.0	45,000	3.74	8.0	28,600	2.60
3653842	PH15NB048****A	CSPH*4812A**	PG9MXA060120	46,000	12.0	14.5	45,000	3.76	8.1	28,600	2.62
3653836	PH15NB048****A	CSPH*4812A**+TD1		45,500	11.0	13.0	46,500	3.72	7.9	29,800	2.56
3653846	PH15NB048****A	CSPH*6012A**	PG8*EA048090	46,500	12.0	14.5	45,500	3.80	8.1	29,000	2.62
3653847	PH15NB048****A	CSPH*6012A**	PG8*EA060110	46,500	12.0	14.5	45,000	3.82	8.1	28,600	2.66
3653848	PH15NB048****A	CSPH*6012A**	PG8*EA060135	46,500	12.0	14.5	45,500	3.82	8.1	28,800	2.64
3653852	PH15NB048****A	CSPH*6012A**	PG9MTAV60100*A**	46,500	12.0	14.0	46,000	3.78	8.1	29,400	2.60
3653853	PH15NB048****A	CSPH*6012A**	PG9MTAV60125*A**	46,500	12.0	14.5	46,000	3.80	8.2	29,200	2.62
3653849	PH15NB048****A	CSPH*6012A**	PG9MXA048080	46,500	12.0	14.0	46,000	3.76	8.0	29,200	2.60
3653850	PH15NB048****A	CSPH*6012A**	PG9MXA060100	46,500	12.0	14.5	45,500	3.82	8.2	28,800	2.64
3653851	PH15NB048****A	CSPH*6012A**	PG9MXA060120	46,500	12.0	14.5	45,500	3.84	8.2	28,800	2.66
3653845	PH15NB048****A	CSPH*6012A**+TD1		46,500	11.0	13.0	46,500	3.76	8.1	29,800	2.58
3653854	PH15NB048****A	PF4MNA048		46,000	11.0	13.0	46,500	3.64	7.9	30,000	2.52
3653856	PH15NB048****A	PF4MNA049		47,000	12.0	14.5	46,000	3.78	8.2	29,200	2.62
3653855	PH15NB048****A	PF4MNA060		47,000	11.5	13.5	47,000	3.74	8.1	30,000	2.54

PH15NB

See notes on page 16

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3653857	PH15NB048****A	PF4MNA061		47,500	12.0	14.5	46,500	3.92	8.4	29,200	2.66
3653903	PH15NB048****A	PF4MNB061		48,000	12.5	15.0	46,000	3.96	8.5	29,000	2.70
3653904	PH15NB060****A	†PF4MNB061		57,000	12.5	15.0	57,000	3.86	8.7	35,400	2.72
3653859	PH15NB060****A	CAP**6021A**	PG8*EA060110	55,500	12.0	14.0	57,000	3.72	8.2	35,400	2.64
3653860	PH15NB060****A	CAP**6021A**	PG9MXA060100	55,500	12.0	14.0	57,000	3.68	8.1	35,400	2.62
3653858	PH15NB060****A	CAP**6021A**+TD1		55,500	11.0	13.0	57,500	3.68	8.1	36,000	2.60
3653862	PH15NB060****A	CAP**6024A**	PG8*EA060135	55,500	12.0	14.0	57,000	3.68	8.2	35,400	2.62
3653863	PH15NB060****A	CAP**6024A**	PG9MXA060120	55,500	12.0	14.0	56,500	3.72	8.2	35,200	2.64
3653861	PH15NB060****A	CAP**6024A**+TD1		55,500	11.0	13.0	57,500	3.68	8.2	36,000	2.60
3653865	PH15NB060****A	CAP**6025A**	PG8*EA060135	55,500	12.0	14.0	57,000	3.68	8.1	35,400	2.62
3653866	PH15NB060****A	CAP**6025A**	PG9MXA060120	55,500	12.0	14.0	56,500	3.72	8.2	35,200	2.64
3653864	PH15NB060****A	CAP**6025A**+TD1		55,500	11.0	13.0	57,500	3.68	8.2	36,000	2.60
3653874	PH15NB060****A	CNPH*6024A**	PG8*EA060110	55,500	12.0	14.0	57,000	3.72	8.2	35,400	2.64
3653875	PH15NB060****A	CNPH*6024A**	PG8*EA060135	55,500	12.0	14.0	57,000	3.68	8.2	35,400	2.62
3653876	PH15NB060****A	CNPH*6024A**	PG9MXA048080	55,000	11.5	13.5	57,000	3.60	8.0	35,600	2.58
3653877	PH15NB060****A	CNPH*6024A**	PG9MXA060100	55,500	12.0	14.0	56,500	3.68	8.1	35,400	2.62
3653878	PH15NB060****A	CNPH*6024A**	PG9MXA060120	55,500	12.0	14.0	56,500	3.72	8.2	35,200	2.64
3653873	PH15NB060****A	CNPH*6024A**+TD1		55,500	11.0	13.0	57,500	3.66	8.2	36,000	2.60
3653880	PH15NB060****A	CNPH*6124A**	PG8*EA060110	56,000	12.0	14.0	57,000	3.76	8.2	35,600	2.66
3653881	PH15NB060****A	CNPH*6124A**	PG8*EA060135	55,500	12.0	14.0	57,000	3.72	8.2	35,600	2.64
3653882	PH15NB060****A	CNPH*6124A**	PG9MXA060100	55,500	12.0	14.0	57,000	3.72	8.2	35,400	2.64
3653883	PH15NB060****A	CNPH*6124A**	PG9MXA060120	56,000	12.0	14.5	57,000	3.76	8.2	35,400	2.66
3653879	PH15NB060****A	CNPH*6124A**+TD1		56,000	11.0	13.0	57,500	3.72	8.2	36,200	2.62
3653868	PH15NB060****A	CNPV*6024A**	PG8*EA060135	55,500	12.0	14.0	57,000	3.68	8.2	35,400	2.62
3653869	PH15NB060****A	CNPV*6024A**	PG9MXA060120	55,500	12.0	14.0	56,500	3.72	8.2	35,200	2.64
3653867	PH15NB060****A	CNPV*6024A**+TD1		55,500	11.0	13.0	57,500	3.66	8.2	36,000	2.60
3653871	PH15NB060****A	CNPV*6124A**	PG8*EA060135	56,500	12.0	14.0	57,500	3.78	8.3	35,600	2.66
3653872	PH15NB060****A	CNPV*6124A**	PG9MXA060120	56,500	12.0	14.5	57,000	3.82	8.3	35,400	2.68
3653870	PH15NB060****A	CNPV*6124A**+TD1		56,500	11.0	13.0	58,000	3.76	8.3	36,200	2.64
3653885	PH15NB060****A	CSPH*6012A**	PG8*EA060110	55,500	12.0	14.0	57,000	3.78	8.2	35,600	2.66
3653886	PH15NB060****A	CSPH*6012A**	PG8*EA060135	55,500	12.0	14.0	57,000	3.74	8.2	35,600	2.64
3653887	PH15NB060****A	CSPH*6012A**	PG9MXA048080	55,500	11.5	14.0	57,000	3.66	8.0	35,600	2.60
3653888	PH15NB060****A	CSPH*6012A**	PG9MXA060100	55,500	12.0	14.0	56,500	3.74	8.2	35,400	2.64
3653889	PH15NB060****A	CSPH*6012A**	PG9MXA060120	55,500	12.0	14.0	56,500	3.76	8.3	35,400	2.66
3653884	PH15NB060****A	CSPH*6012A**+TD1		55,500	11.0	13.0	57,500	3.72	8.2	36,200	2.62
3653890	PH15NB060****A	PF4MNA060		56,000	11.5	13.5	58,000	3.68	8.2	36,400	2.58
3653891	PH15NB060****A	PF4MNA061		56,500	12.0	14.5	57,000	3.82	8.2	35,600	2.68

\* 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

**TDR** — Time-Delay Relay

**UI** — User Interface

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

PH15NB

# DETAILED COOLING CAPACITIES#

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)												
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)		
		Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	
		<b>PH15NB018***A Outdoor Section With PF4MNB019 Indoor Section</b>												
	72 (22.2)	21.38	11.10	20.34	10.70	19.25	10.28	18.10	9.85	16.88	9.40	15.59	8.93	
525	67 (19.4)	19.37	13.52	18.43	13.12	17.43	12.70	16.38	12.26	15.26	11.81	14.08	11.33	
	63 (17.2)††	17.92	13.00	17.05	12.60	16.12	12.18	15.14	11.74	14.10	11.26	12.99	10.80	
	62 (16.7)	17.54	15.88	16.69	15.47	15.79	15.04	14.85	14.58	13.91	13.91	13.03	2.01	
	57 (13.9)	16.80	16.80	16.15	16.15	15.45	15.45	14.70	14.70	13.89	13.89	13.01	13.01	2.01
	72 (22.2)	21.87	11.89	20.79	11.28	19.64	10.85	18.44	10.41	17.17	9.95	15.83	9.47	2.04
600	67 (19.4)	19.84	14.44	18.85	14.03	17.80	13.60	16.70	13.15	15.54	12.69	14.31	12.20	
	63 (17.2)††	18.37	13.86	17.45	13.45	16.48	13.02	15.45	12.57	14.37	12.10	13.22	11.61	
	62 (16.7)	18.01	17.11	17.13	16.68	16.21	16.12	15.36	15.36	14.49	14.49	13.56	13.56	
	57 (13.9)	17.61	17.61	16.90	16.90	16.15	16.15	15.34	15.34	14.47	14.47	13.54	13.54	
	72 (22.2)	22.26	12.24	21.13	11.82	19.94	10.94	18.70	10.94	17.39	10.48	16.02	10.00	
675	67 (19.4)	20.21	15.33	19.17	14.90	18.08	14.47	16.95	14.01	15.75	13.53	14.49	13.03	
	63 (17.2)††	18.73	14.89	17.76	14.27	16.76	13.83	15.70	13.37	14.58	12.89	13.40	12.38	
	62 (16.7)	18.42	18.24	17.56	17.56	16.76	16.76	15.90	15.90	14.98	14.98	14.00	14.00	
	57 (13.9)	18.29	18.29	17.54	17.54	16.74	16.74	15.88	15.88	14.96	14.96	13.98	13.98	
	72 (22.2)	21.87	11.89	20.79	11.28	19.64	10.85	18.44	10.41	17.17	9.95	15.83	9.47	

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*PF4MNB019	1.00	1.00	
FF1ENP018	0.97	1.00	
FF1ENP019	0.97	1.01	
FF1ENP024	0.97	1.10	
FF1ENP025	0.97	0.97	
PF4MNA018	0.97	1.10	
PF4MNA019	0.97	1.01	
PF4MNA024	0.97	1.10	
PF4MNA025	0.97	0.97	
PF4MNB025	0.97	0.97	
CAP**1814A**	0.97	1.10	
CAP**2414A**	0.97	1.10	
CAP**2417A**	0.97	1.10	
CNPF*2418A**	0.97	1.10	
CNPH*2417A**	0.97	1.10	
CNPV*1814A**	0.97	1.10	
CNPV*1917A**	0.97	1.10	
CNPV*2414A**	0.97	1.10	
CNPV*2417A**	0.97	1.10	
CSPH*2412A**	0.97	1.10	
CAP**1814A**	0.97	1.01	PG8*EA024045
CAP**2414A**	0.97	0.97	PG8*EA024045
CNPH*2417A**	0.97	0.97	PG8*EA024045
CNPV*1814A**	0.97	1.01	PG8*EA024045
CNPV*2414A**	0.97	0.97	PG8*EA024045
CSPH*2412A**	0.97	1.01	PG8*EA024045
CSPH*2412A**	0.97	1.01	PG9MTAV36050*7A**
CAP**2417A**	0.97	1.01	PG9MTAV36075*A**
CNPH*2417A**	0.97	0.97	PG9MXA036060
CNPV*1917A**	0.97	0.97	PG9MXA036060
CNPV*2417A**	0.97	0.97	PG9MXA036060
CSPH*2412A**	0.97	0.97	PG9MXA036060

See note on pg. 23



DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																	
CFM	EWB ° F (° C)	75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
		Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	
700	72 (22.2)	28.25	14.67	1.50	27.04	14.21	1.70	25.76	13.71	1.91	24.38	13.19	2.15	22.88	12.63	2.41	21.23	12.03	2.71
	67 (19.4)	25.63	17.92	1.48	24.52	17.44	1.67	23.33	16.94	1.88	22.05	16.40	2.12	20.66	15.63	2.38	19.12	15.20	2.68
	63 (17.2)††	23.76	17.24	1.46	22.71	16.76	1.66	21.59	16.25	1.87	20.38	15.71	2.10	19.07	15.13	2.37	17.61	14.49	2.68
	62 (16.7)	23.28	21.08	1.46	22.25	20.58	1.65	21.17	20.06	1.87	20.00	19.48	2.10	18.77	18.88	2.37	17.59	17.59	2.68
	57 (13.9)	22.30	22.30	1.46	21.50	21.50	1.65	20.65	20.65	1.86	19.72	19.72	2.10	18.70	18.70	2.37	17.56	17.56	2.68
800	72 (22.2)	28.87	15.41	1.53	27.60	14.93	1.73	26.26	14.44	1.94	24.83	13.91	2.17	23.27	13.34	2.44	21.57	12.73	2.73
	67 (19.4)	26.21	19.09	1.50	25.04	18.60	1.69	23.80	18.09	1.90	22.47	17.55	2.14	21.02	16.96	2.40	19.44	16.32	2.71
	63 (17.2)††	24.31	18.34	1.48	23.21	17.84	1.68	22.04	17.33	1.89	20.78	16.77	2.12	19.42	16.18	2.39	17.92	15.53	2.70
	62 (16.7)	23.85	22.84	1.48	22.80	22.10	1.68	21.69	21.51	1.89	20.58	20.58	2.12	19.49	19.49	2.39	18.28	18.28	2.70
	57 (13.9)	23.30	23.30	1.48	22.45	22.45	1.67	21.53	21.53	1.89	20.55	20.55	2.12	19.46	19.46	2.39	18.26	18.26	2.70
900	72 (22.2)	29.34	16.11	1.56	28.03	15.63	1.75	26.65	15.12	1.96	25.17	14.59	2.20	23.56	14.01	2.46	21.82	13.39	2.76
	67 (19.4)	26.65	20.21	1.52	25.44	19.71	1.72	24.16	19.19	1.93	22.79	18.63	2.16	21.30	18.03	2.43	19.68	17.38	2.73
	63 (17.2)††	24.73	19.38	1.50	23.59	18.88	1.70	22.39	18.35	1.91	21.09	17.78	2.14	19.69	17.17	2.41	18.16	16.50	2.71
	62 (16.7)	24.35	24.04	1.50	23.29	23.29	1.70	22.31	22.31	1.91	21.27	21.27	2.15	20.12	20.12	2.41	18.86	18.86	2.72
	57 (13.9)	24.14	24.14	1.50	23.24	23.24	1.70	22.28	22.28	1.91	21.24	21.24	2.15	20.10	20.10	2.41	18.84	18.84	2.72

PH15NB024\*\*\*A Outdoor Section With PF4MMB025 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*3017A**	0.97	1.01	PG9MTA/36075*A**
CSPH*2412A**	0.97	1.01	PG9MTA/36075*A**
CSPH*3012A**	0.97	1.01	PG9MTA/36075*A**
CNPH*2417A**	0.97	1.01	PG9MTA/60100*A**
CNPH*3017A**	0.97	1.01	PG9MTA/60100*A**
CSPH*2412A**	0.97	1.01	PG9MTA/60100*A**
CSPH*3012A**	0.97	1.01	PG9MTA/60100*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	1.01	PG9MTA/60125*A**
CSPH*3012A**	0.97	1.01	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA/60125*A**
CAP**2417A**	0.97	0.97	PG9MTA/60125*A**
CAP**3017A**	0.97	0.97	PG9MTA/60125*A**
CNPH*2417A**	0.97	0.97	PG9MTA/60125*A**
CNPH*3017A**	0.97	0.97	PG9MTA/60125*A**
CSPH*2412A**	0.97	0.97	PG9MTA/60125*A**
CSPH*3012A**	0.97	0.97	PG9MTA

# DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																							
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
		CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**				
Total	Sens†			Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†					
875	72 (22.2)	34.40	17.74	1.83	32.81	17.14	2.05	31.16	16.52	2.29	29.42	15.88	2.56	27.55	15.20	2.87	25.53	14.48	3.23						
	67 (19.4)	31.23	21.80	1.82	29.80	21.20	2.04	28.29	20.57	2.28	26.69	19.93	2.55	24.96	19.24	2.86	23.10	18.49	3.22						
	63 (17.2)††	28.95	20.97	1.81	27.62	20.37	2.03	26.22	19.74	2.27	24.73	19.09	2.54	23.11	18.39	2.86	21.35	17.64	3.22						
	62 (16.7)	28.38	25.74	1.81	27.09	25.12	2.03	25.75	24.46	2.26	24.33	23.73	2.54	22.91	22.91	2.86	21.51	21.51	3.22						
	57 (13.9)	27.40	27.40	1.81	26.39	26.39	2.02	25.32	25.32	2.26	24.15	24.15	2.54	22.88	22.88	2.86	21.48	21.48	3.22						
	72 (22.2)	35.08	18.63	1.86	33.43	18.02	2.08	31.71	17.39	2.32	29.89	16.74	2.59	27.95	16.05	2.90	25.86	15.32	3.25						
	67 (19.4)	31.88	23.23	1.85	30.37	22.61	2.06	28.80	21.98	2.30	27.13	21.31	2.58	25.35	20.60	2.89	23.43	19.84	3.24						
	63 (17.2)††	29.57	22.30	1.84	28.18	21.68	2.05	26.71	21.05	2.29	25.16	20.38	2.57	23.49	19.66	2.88	21.67	18.88	3.24						
	62 (16.7)	29.06	27.61	1.84	27.73	26.92	2.05	26.39	26.39	2.29	25.13	25.13	2.57	23.77	23.77	2.88	22.28	22.28	3.24						
	57 (13.9)	28.58	28.58	1.84	27.49	27.49	2.05	26.34	26.34	2.29	25.10	25.10	2.57	23.74	23.74	2.88	22.26	22.26	3.24						
1125	72 (22.2)	35.61	19.48	1.89	33.89	18.86	2.11	32.11	18.22	2.35	30.24	17.56	2.82	28.25	16.86	2.93	26.10	16.12	3.28						
	67 (19.4)	32.37	24.59	1.87	30.81	23.96	2.09	29.18	23.31	2.33	27.47	22.63	2.80	25.64	21.90	2.91	23.68	21.10	3.27						
	63 (17.2)††	30.05	23.56	1.86	28.60	22.94	2.08	27.09	22.29	2.32	25.49	21.60	2.59	23.78	20.86	2.91	21.93	20.05	3.27						
	62 (16.7)	29.68	29.51	1.86	28.45	28.45	2.08	27.22	27.22	2.32	25.91	25.91	2.60	24.49	24.49	2.91	22.92	22.92	3.27						
	57 (13.9)	29.56	29.56	1.86	28.41	28.41	2.08	27.19	27.19	2.32	25.88	25.88	2.59	24.46	24.46	2.91	22.89	22.89	3.27						

PH15NB030\*\*\*A Outdoor Section With PF4MMNB031 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*3117A**	1.01	1.01	PG8*EA048080	1.01	1.01	PG9MXA036080
CNPV*3617A**	0.98	0.98	PG8*EA048080	0.98	0.98	PG9MXA036080
CNPV*3717A**	1.01	1.01	PG8*EA048080	1.01	1.01	PG9MXA036080
CSPH*3012A**	0.98	0.98	PG8*EA048080	0.98	0.98	PG9MXA036080
CSPH*3612A**	0.98	0.98	PG8*EA048080	0.98	0.98	PG9MXA036080
CAP**3017A**	0.99	0.99	PG8*EA048080	0.99	0.99	PG9MXA048080
CAP**3617A**	0.99	0.99	PG8*EA048080	0.99	0.99	PG9MXA048080
CNPV*3017A**	0.99	0.99	PG9MTA/36050*A**	0.99	0.99	PG9MXA048080
CNPV*3617A**	0.99	0.99	PG9MTA/36050*A**	0.99	0.99	PG9MXA048080
CNPV*3717A**	1.01	1.01	PG9MTA/36050*A**	1.01	1.01	PG9MXA048080
CSPH*3017A**	0.97	0.97	PG9MTA/36075*A**	0.97	0.97	PG9MXA048080
CSPH*3617A**	0.97	0.97	PG9MTA/36075*A**	0.97	0.97	PG9MXA048080
CAP**3017A**	0.97	0.97	PG9MTA/36075*A**	0.97	0.97	PG9MXA048080
CAP**3617A**	0.97	0.97	PG9MTA/36075*A**	0.97	0.97	PG9MXA048080
CNPV*3017A**	0.98	0.98	PG9MTA/60100*A**	0.98	0.98	PG9MXA048080
CNPV*3617A**	0.98	0.98	PG9MTA/60100*A**	0.98	0.98	PG9MXA048080
CNPV*3717A**	1.01	1.01	PG9MTA/60100*A**	1.01	1.01	PG9MXA048080
CSPH*3012A**	0.98	0.98	PG9MTA/60125*A**	0.98	0.98	PG9MXA048080
CSPH*3612A**	0.98	0.98	PG9MTA/60125*A**	0.98	0.98	PG9MXA048080
CAP**3017A**	0.99	0.99	PG9MTA/60125*A**	0.99	0.99	PG9MXA048080
CAP**3617A**	0.99	0.99	PG9MTA/60125*A**	0.99	0.99	PG9MXA048080
CNPV*3017A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3617A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060
CSPH*3012A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CSPH*3612A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CAP**3017A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CAP**3617A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3017A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3617A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060
CSPH*3012A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CSPH*3612A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060
CSPH*3012A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CSPH*3612A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060

See note on pg. 23

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3621A**	0.99	0.99	PG8*EA048080	0.99	0.99	PG8*EA048080
CNPV*3017A**	0.98	1.02	PG8*EA048080	0.98	1.02	PG8*EA048080
CNPV*3617A**	0.98	1.02	PG8*EA048080	0.98	1.02	PG8*EA048080
CNPV*3717A**	1.02	1.02	PG8*EA048080	1.02	1.02	PG8*EA048080
CSPH*3012A**	0.98	1.02	PG8*EA048080	0.98	1.02	PG8*EA048080
CSPH*3612A**	0.98	1.02	PG8*EA048080	0.98	1.02	PG8*EA048080
CAP**3017A**	0.97	1.01	PG9MTA/36050*A**	0.97	1.01	PG9MTA/36050*A**
CAP**3617A**	0.97	1.01	PG9MTA/36050*A**	0.97	1.01	PG9MTA/36050*A**
CNPV*3012A**	0.97	1.01	PG9MTA/36050*A**	0.97	1.01	PG9MTA/36050*A**
CNPV*3612A**	0.97	1.01	PG9MTA/36050*A**	0.97	1.01	PG9MTA/36050*A**
CNPV*3717A**	1.01	1.01	PG9MTA/36050*A**	1.01	1.01	PG9MTA/36050*A**
CSPH*3017A**	0.97	1.01	PG9MTA/36075*A**	0.97	1.01	PG9MTA/36075*A**
CSPH*3617A**	0.97	1.01	PG9MTA/36075*A**	0.97	1.01	PG9MTA/36075*A**
CAP**3017A**	0.97	1.01	PG9MTA/36075*A**	0.97	1.01	PG9MTA/36075*A**
CAP**3617A**	0.97	1.01	PG9MTA/36075*A**	0.97	1.01	PG9MTA/36075*A**
CNPV*3017A**	0.98	1.02	PG9MTA/60100*A**	0.98	1.02	PG9MTA/60100*A**
CNPV*3617A**	0.98	1.02	PG9MTA/60100*A**	0.98	1.02	PG9MTA/60100*A**
CNPV*3717A**	1.01	1.01	PG9MTA/60100*A**	1.01	1.01	PG9MTA/60100*A**
CSPH*3012A**	0.98	1.02	PG9MTA/60125*A**	0.98	1.02	PG9MTA/60125*A**
CSPH*3612A**	0.98	1.02	PG9MTA/60125*A**	0.98	1.02	PG9MTA/60125*A**
CAP**3017A**	0.99	0.99	PG9MTA/60125*A**	0.99	0.99	PG9MTA/60125*A**
CAP**3617A**	0.99	0.99	PG9MTA/60125*A**	0.99	0.99	PG9MTA/60125*A**
CNPV*3017A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3617A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060
CSPH*3012A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CSPH*3612A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CAP**3017A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CAP**3617A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3017A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3617A**	0.99	0.99	PG9MXA036060	0.99	0.99	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060
CSPH*3012A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CSPH*3612A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060
CSPH*3012A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CSPH*3612A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CAP**3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3017A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3617A**	0.98	0.98	PG9MXA036060	0.98	0.98	PG9MXA036060
CNPV*3717A**	1.01	1.01	PG9MXA036060	1.01	1.01	PG9MXA036060

PH15NB

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																							
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
		CFM	EWB ° F (° C)	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**				
Total	Sens†			Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†								
1050	72 (22.2)	41.59	22.07	2.25	39.75	21.35	2.48	37.77	20.58	2.79	35.67	19.78	3.11	33.40	18.93	3.48	30.96	18.02	3.90						
	67 (19.4)	37.90	27.12	2.23	36.20	26.38	2.47	34.37	25.60	2.77	32.42	24.78	3.09	30.32	23.91	3.45	28.05	22.97	3.88						
	63 (17.2)††	35.22	26.13	2.22	33.62	25.39	2.47	31.90	24.60	2.75	30.07	23.77	3.07	28.09	22.88	3.44	25.96	21.93	3.87						
	62 (16.7)	34.53	32.04	2.21	32.97	31.27	2.47	31.31	30.44	2.75	29.55	29.53	3.07	27.74	27.74	3.44	26.04	26.04	3.87						
	57 (13.9)	33.22	33.22	2.21	32.01	32.01	2.46	30.68	30.68	2.74	29.25	29.25	3.06	27.70	27.70	3.44	26.00	26.00	3.86						
	72 (22.2)	42.40	23.16	2.28	40.49	22.43	2.54	38.44	21.66	2.83	36.24	20.84	3.15	33.91	19.98	3.51	31.38	19.05	3.93						
1200	67 (19.4)	38.68	28.89	2.26	36.90	28.13	2.52	35.00	27.34	2.80	32.97	26.50	3.12	30.79	25.60	3.49	28.46	24.65	3.91						
	63 (17.2)††	35.97	27.78	2.25	34.30	27.02	2.50	32.52	26.22	2.78	30.61	25.37	3.10	28.56	24.46	3.47	26.36	23.49	3.90						
	62 (16.7)	35.34	34.38	2.24	33.74	33.54	2.50	32.07	31.86	2.78	30.45	30.45	3.10	28.80	28.80	3.47	26.99	26.99	3.90						
	57 (13.9)	34.65	34.65	2.24	33.35	33.35	2.50	31.93	31.93	2.78	30.41	30.41	3.10	28.76	28.76	3.47	26.96	26.96	3.90						
	72 (22.2)	43.03	24.20	2.31	41.06	23.46	2.58	38.93	22.68	2.86	36.68	21.85	3.18	34.27	20.98	3.55	31.68	20.04	3.96						
	67 (19.4)††	39.27	30.57	2.29	37.43	29.81	2.55	35.47	29.00	2.83	33.38	28.14	3.15	31.16	27.22	3.52	28.76	26.23	3.94						
1350	63 (17.2)††	36.55	29.35	2.28	34.82	28.58	2.53	32.98	27.76	2.81	31.02	26.89	3.13	29.82	25.95	3.50	26.67	24.94	3.93						
	62 (16.7)	36.05	36.44	2.28	34.51	34.51	2.53	33.01	33.01	2.81	31.41	31.41	3.14	29.67	29.67	3.51	27.77	27.77	3.93						
	57 (13.9)	35.84	35.84	2.28	34.46	34.46	2.53	32.97	32.97	2.81	31.37	31.37	3.14	29.63	29.63	3.51	27.74	27.74	3.93						

PH15NB036\*\*\*A Outdoor Section With PF4MMB037 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
FF1ENP036	0.97	1.10		CAP**4221A**	0.98	1.02	PG8*EA048090	CNPV*4212A**	0.98	1.02	PG9MXA036060	CNPV*4212A**	0.98	1.02	PG9MXA036060	CNPV*4212A**	0.98	1.02	PG9MXA036060
FF1ENP037	0.97	1.10		CNPV*3617A**	0.96	1.00	PG8*EA048090	CSPH*3612A**	0.96	1.00	PG9MXA036060	CSPH*3612A**	0.96	1.00	PG9MXA036060	CSPH*3612A**	0.96	1.00	PG9MXA036060
PF4MNA036	0.97	1.10		CNPV*4221A**	0.98	1.02	PG8*EA048090	CNPV*4221A**	0.98	1.02	PG9MXA036060	CNPV*4221A**	0.98	1.02	PG9MXA036060	CNPV*4221A**	0.98	1.02	PG9MXA036060
PF4MNA037	0.98	1.02		CNPV*3621A**	0.97	1.01	PG8*EA048090	CAP**3617A**	0.97	1.01	PG9MXA036060	CAP**3617A**	0.97	1.01	PG9MXA036060	CAP**3617A**	0.97	1.01	PG9MXA036060
PF4MNA042	0.98	1.12		CNPV*4221A**	0.98	1.02	PG8*EA048090	CNPV*4221A**	0.98	1.02	PG9MXA036060	CNPV*4221A**	0.98	1.02	PG9MXA036060	CNPV*4221A**	0.98	1.02	PG9MXA036060
PF4MNA043	0.99	1.04		CSPH*3612A**	0.97	1.01	PG8*EA048090	CNPV*3617A**	0.97	1.01	PG9MXA036060	CNPV*3617A**	0.97	1.01	PG9MXA036060	CNPV*3617A**	0.97	1.01	PG9MXA036060
PF4MNB043	1.00	1.04		CSPH*4212A**	0.98	1.02	PG8*EA048090	CSPH*4212A**	0.98	1.02	PG9MXA036060	CSPH*4212A**	0.98	1.02	PG9MXA036060	CSPH*4212A**	0.98	1.02	PG9MXA036060
CAP**3614A**	0.95	1.08		CAP**3621A**	0.98	1.02	PG8*EA060110	CNPV*3617A**	0.98	1.02	PG9MXA036060	CNPV*3617A**	0.98	1.02	PG9MXA036060	CNPV*3617A**	0.98	1.02	PG9MXA036060
CAP**3617A**	0.97	1.10		CAP**4221A**	0.98	1.02	PG8*EA060110	CNPV*4212A**	0.98	1.02	PG9MXA036060	CNPV*4212A**	0.98	1.02	PG9MXA036060	CNPV*4212A**	0.98	1.02	PG9MXA036060
CAP**3619A**	0.97	1.10		CNPV*3617A**	0.97	1.01	PG8*EA060110	CNPV*3617A**	0.97	1.01	PG9MXA036060	CNPV*3617A**	0.97	1.01	PG9MXA036060	CNPV*3617A**	0.97	1.01	PG9MXA036060
CAP**3621A**	0.97	1.10		CNPV*4221A**	0.98	1.02	PG8*EA060110	CNPV*4221A**	0.98	1.02	PG9MXA036060	CNPV*4221A**	0.98	1.02	PG9MXA036060	CNPV*4221A**	0.98	1.02	PG9MXA036060
CAP**4224A**	0.97	1.10		CNPV*3621A**	0.97	1.01	PG8*EA060110	CNPV*3621A**	0.97	1.01	PG9MXA036060	CNPV*3621A**	0.97	1.01	PG9MXA036060	CNPV*3621A**	0.97	1.01	PG9MXA036060
CNPV*3617A**	0.97	1.10		CNPV*3617A**	0.97	1.01	PG8*EA060110	CNPV*3617A**	0.97	1.01	PG9MXA036060	CNPV*3617A**	0.97	1.01	PG9MXA036060	CNPV*3617A**	0.97	1.01	PG9MXA036060
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.98	1.02	PG8*EA060110	CNPV*4212A**	0.98	1.02	PG9MXA036060	CNPV*4212A**	0.98	1.02	PG9MXA036060	CNPV*4212A**	0.98	1.02	PG9MXA036060
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**
CNPV*3617A**	0.97	1.10		CNPV*4221A**	0.96	1.09	PG9MTA V36050*A**	CNPV*4221A**	0.96	1.09	PG9MTA V36050*A**	CNPV*4221A**	0.96	1.09	PG9MTA V36050*A**	CNPV*4221A**	0.96	1.09	PG9MTA V36050*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.95	1.08	PG9MTA V36050*A**	CNPV*4212A**	0.95	1.08	PG9MTA V36050*A**	CNPV*4212A**	0.95	1.08	PG9MTA V36050*A**	CNPV*4212A**	0.95	1.08	PG9MTA V36050*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.96	1.09	PG9MTA V36050*A**	CNPV*4212A**	0.96	1.09	PG9MTA V36050*A**	CNPV*4212A**	0.96	1.09	PG9MTA V36050*A**	CNPV*4212A**	0.96	1.09	PG9MTA V36050*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36050*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.97	1.01	PG9MTA V36075*A**	CNPV*4212A**	0.97	1.01	PG9MTA V36075*A**	CNPV*4212A**	0.97	1.01	PG9MTA V36075*A**	CNPV*4212A**	0.97	1.01	PG9MTA V36075*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.95	1.08	PG9MTA V36075*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36075*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36075*A**	CNPV*3617A**	0.95	1.08	PG9MTA V36075*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.95	1.04	PG9MTA V60100*A**	CNPV*4212A**	0.95	1.04	PG9MTA V60100*A**	CNPV*4212A**	0.95	1.04	PG9MTA V60100*A**	CNPV*4212A**	0.95	1.04	PG9MTA V60100*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.97	1.01	PG9MTA V60100*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60100*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60100*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60100*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.96	1.00	PG9MTA V60125*A**	CNPV*4212A**	0.96	1.00	PG9MTA V60125*A**	CNPV*4212A**	0.96	1.00	PG9MTA V60125*A**	CNPV*4212A**	0.96	1.00	PG9MTA V60125*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**	CNPV*3617A**	0.97	1.01	PG9MTA V60125*A**
CNPV*3617A**	0.97	1.10		CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**	CNPV*4212A**	0.98	1.02	PG9MTA V60125*A**
CNPV*4212A**	0.97	1.10		CNPV*3617A**	0.97	1.													

# DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																			
		75 (23.9)				85 (29.4)				105 (40.6)				115 (46.1)				125 (51.7)			
		CFM	EWB °F (°C)	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**			
Total	Sens†			Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†							
		72 (22.2)	50.43	25.70	2.47	48.01	24.76	2.86	45.51	23.81	3.26	42.89	22.83	3.69	40.16	21.82	4.13	37.25	20.76	4.61	
1225	67 (19.4)	45.65	31.92	30.39	2.59	43.47	29.44	3.33	41.22	28.44	3.33	38.86	28.47	3.73	36.38	27.46	4.15	33.74	26.40	4.62	
	63 (17.2)††	42.23	30.12	29.20	2.67	40.23	28.26	3.01	38.16	28.26	3.36	35.97	27.30	3.74	33.68	26.29	4.16	31.23	25.22	4.61	
	62 (16.7)	41.36	36.82	35.88	2.68	39.42	35.88	3.02	37.42	34.91	3.37	35.33	33.87	3.75	33.17	32.70	4.16	31.09	31.09	4.61	
	57 (13.9)	39.50	39.50	2.72	38.01	36.44	3.28	36.44	34.77	34.77	3.75	34.77	34.77	3.75	32.98	32.98	4.16	31.05	31.05	4.61	
	72 (22.2)	51.53	26.95	2.47	48.98	25.98	2.88	46.35	25.01	3.29	43.62	24.01	3.72	40.76	22.98	4.17	37.75	21.90	37.75	21.90	4.65
1400	67 (19.4)	46.66	33.31	31.97	2.69	44.38	32.35	2.98	42.00	31.37	3.36	39.54	30.39	3.76	36.95	29.35	4.19	34.21	28.25	4.66	
	63 (17.2)††	43.19	31.97	31.02	2.69	41.08	31.02	3.04	38.90	30.06	3.40	36.62	29.07	3.78	34.22	28.03	4.20	31.69	26.94	4.66	
	62 (16.7)	42.36	39.45	38.44	2.70	40.35	38.44	3.05	38.28	37.36	3.40	36.20	36.20	3.78	34.27	34.27	4.20	32.20	32.20	4.66	
	57 (13.9)	41.23	41.23	2.72	39.62	39.62	3.06	37.93	37.93	3.41	36.14	36.14	3.78	34.22	34.22	4.20	32.16	32.16	4.66		
	72 (22.2)	52.37	28.11	2.48	49.72	27.13	2.90	47.00	26.14	3.31	44.15	25.12	3.75	41.21	24.07	4.20	38.11	22.98	4.69		
1575	67 (19.4)	47.45	35.19	32.62	2.82	45.05	33.23	3.39	40.05	32.20	3.80	37.37	31.13	4.23	34.58	30.00	4.70	32.04	28.54	4.70	
	63 (17.2)††	43.93	33.72	32.75	2.71	41.73	32.75	3.07	39.46	31.77	3.43	37.10	30.75	3.82	34.64	29.68	4.24	32.04	28.54	4.70	
	62 (16.7)	43.23	41.84	2.72	41.18	40.82	3.07	39.23	38.23	3.43	37.32	37.32	3.82	35.29	35.29	4.24	33.12	33.12	4.70		
57 (13.9)	42.69	42.69	2.73	40.98	40.98	3.08	39.18	39.18	3.44	37.28	37.28	3.82	35.25	35.25	4.24	33.08	33.08	4.70			

PH15NB042\*\*\*A Outdoor Section With PF4MMNB043 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4821A**	0.99	0.99	PG8*EA060110	CNPV*4221A**	0.99	1.03	PG9MXA036080
CNPV*4221A**	0.99	1.03	PG8*EA060110	CNPV*4821A**	0.99	1.03	PG9MXA036080
CNPV*4821A**	0.99	0.99	PG8*EA060110	CNPV*4217A**	1.03	1.03	PG9MXA036080
CNPV*4217A**	1.03	1.03	PG8*EA060110	CSPH*4212A**	0.99	1.03	PG9MXA036080
CSPH*4212A**	0.99	0.99	PG8*EA060110	CSPH*4812A**	0.99	1.03	PG9MXA036080
CSPH*4812A**	0.99	1.03	PG8*EA060110	CAP**4817A**	1.03	1.03	PG9MXA048080
CAP**4817A**	1.03	1.03	PG8*EA060110	CNPV*4221A**	0.99	1.03	PG9MXA048080
CNPV*4221A**	0.99	0.99	PG8*EA060110	CNPV*4821A**	0.99	1.03	PG9MXA048080
CNPV*4821A**	0.99	1.03	PG8*EA060135	CNPV*4217A**	1.03	1.03	PG9MXA048080
CNPV*4217A**	1.03	1.03	PG8*EA060135	CSPH*4212A**	0.99	1.03	PG9MXA048080
CSPH*4212A**	0.99	1.03	PG8*EA060135	CSPH*4812A**	0.99	1.03	PG9MXA048080
CSPH*4812A**	0.99	1.03	PG8*EA060135	CAP**4221A**	1.03	1.03	PG9MXA060100
CAP**4221A**	1.03	1.03	PG8*EA060135	CNPV*4221A**	0.99	1.03	PG9MXA060100
CNPV*4221A**	0.99	0.99	PG9MTA/36075*A**	CNPV*4821A**	0.99	1.03	PG9MXA060100
CNPV*4821A**	0.99	1.07	PG9MTA/36075*A**	CNPV*4217A**	1.03	1.03	PG9MXA060100
CNPV*4217A**	1.03	1.07	PG9MTA/36075*A**	CSPH*4212A**	0.99	1.03	PG9MXA060100
CSPH*4212A**	0.99	1.03	PG9MTA/36075*A**	CSPH*4812A**	0.99	1.03	PG9MXA060100
CSPH*4812A**	0.99	1.03	PG9MTA/60100*A**	CAP**4224A**	1.03	1.03	PG9MXA060120
CAP**4224A**	1.03	1.03	PG9MTA/60100*A**	CNPV*4221A**	0.99	0.99	PG9MXA060120
CNPV*4221A**	0.99	0.99	PG9MTA/60100*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60100*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	1.01	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4824A**	0.99	0.99	PG9MXA060120
CSPH*4824A**	0.99	0.99	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.01	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.01	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4821A**	0.99	1.03	PG9MXA060120
CNPV*4821A**	0.99	1.03	PG9MTA/60125*A**	CNPV*4217A**	1.03	1.03	PG9MXA060120
CNPV*4217A**	1.03	1.03	PG9MTA/60125*A**	CSPH*4212A**	0.99	0.99	PG9MXA060120
CSPH*4212A**	0.99	1.03	PG9MTA/60125*A**	CSPH*4812A**	0.99	1.03	PG9MXA060120
CSPH*4812A**	0.99	1.03	PG9MTA/60125*A**	CAP**4817A**	1.03	1.03	PG9MXA060120
CAP**4817A**	1.03	1.03	PG9MTA/60125*A**	CNPV*4212A**	0.99	0.99	PG9MXA060120
CNPV*4212A**	0.99	1.03	PG9MTA/601				

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
CFM	EWB °F (°C)	75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
		Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**	Capacity MBTuh		Total System KW**
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†
PH15NB048***A Outdoor Section With PF4MMNB049 Indoor Section																			
1400		56.41	29.20	2.87	53.61	28.12	3.30	50.78	27.02	3.72	47.89	25.94	4.16	44.89	24.82	4.62	41.71	23.66	5.14
		51.26	35.77	2.90	48.73	34.69	3.31	46.17	33.60	3.71	43.54	32.51	4.13	40.80	31.39	4.59	37.89	30.20	5.10
		47.52	34.44	2.92	45.19	33.36	3.31	42.82	32.28	3.70	40.39	31.20	4.11	37.84	30.07	4.56	35.13	28.88	5.07
		46.57	42.18	2.92	44.30	41.08	3.31	42.03	39.97	3.69	39.68	38.79	4.10	37.28	37.28	4.55	35.09	35.09	5.08
		44.64	44.64	2.93	42.89	42.89	3.30	41.08	41.08	3.69	39.20	39.20	4.10	37.20	37.20	4.55	35.04	35.04	5.07
		57.57	30.63	2.91	54.62	29.52	3.34	51.67	28.41	3.77	48.64	27.30	4.21	45.53	26.16	4.67	42.24	24.98	5.19
		52.36	38.08	2.94	49.68	36.97	3.35	47.00	35.85	3.76	44.26	34.73	4.18	41.40	33.58	4.64	38.40	32.37	5.15
		48.57	36.59	2.96	46.11	35.48	3.35	43.64	34.38	3.75	41.09	33.26	4.16	38.44	32.11	4.61	35.64	30.89	5.13
		47.68	45.26	2.97	45.32	44.07	3.35	42.99	42.79	3.74	40.78	40.78	4.16	38.64	38.64	4.62	36.33	36.33	5.14
		46.58	46.58	2.97	44.69	44.69	3.35	42.74	42.74	3.74	40.72	40.72	4.16	38.59	38.59	4.62	36.28	36.28	5.14
		58.45	31.98	2.95	55.39	30.85	3.39	52.32	29.71	3.82	49.20	28.59	4.26	46.00	27.44	4.73	42.60	26.24	5.24
		53.17	40.28	2.98	50.40	39.14	3.40	47.62	38.01	3.81	44.78	36.85	4.24	41.86	35.67	4.69	38.78	34.42	5.21
		49.37	38.63	3.00	46.81	37.50	3.40	44.24	36.36	3.80	41.61	35.23	4.21	38.89	34.04	4.67	36.01	32.77	5.18
		48.62	48.02	3.01	46.27	46.27	3.40	44.18	44.18	3.80	42.04	42.04	4.22	39.77	39.77	4.68	37.34	37.34	5.19
		48.21	48.21	3.01	46.19	46.19	3.40	44.12	44.12	3.80	41.99	41.99	4.22	39.72	39.72	4.68	37.29	37.29	5.19

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*4812A**	0.96	1.00	PG8*EA060110	CNPH*4821A**	0.98	1.02	PG9MXA060120
CSPH*6012A**	0.98	1.02	PG8*EA060110	CNPH*4824A**	0.96	1.00	PG9MXA060120
CAP**4824A**	0.96	1.00	PG8*EA060135	CSPH*6012A**	0.97	1.01	PG9MXA060120
CAP**6024A**	0.98	1.02	PG8*EA060135	CAP**4824A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CAP**6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*4824A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CAP**4824A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CAP**6024A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4824A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
CNPH*4821A**	0.98	1.02	PG8*EA060135	CNPH*4821A**	0.96	1.00	PG9MXA060120
CNPH*6024A**	0.96	1.00	PG8*EA060135	CNPH*6024A**	0.98	1.02	PG9MXA060120
CNPH*6124A**	0.98	1.02	PG8*EA060135	CNPH*6124A**	0.96	1.00	PG9MXA060120
CNPH*4821A**	0.96	1.00	PG8*EA060135	CNPH*4821A**	0.98	1.02	PG9MXA060120
CNPH*6024A**	0.98	1.02	PG8*EA060135	CNPH*6024A**	0.96	1.00	PG9MXA060120
CNPH*6124A**	0.96	1.00	PG8*EA060135	CNPH*6124A**	0.98	1.02	PG9MXA060120
C							

# DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																	
CFM	EWB ° F (° C)	75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
		Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	Total	Sens†		Total	Sens†		Total
	72 (22.2)	69.17	35.89	3.81	65.83	34.62	4.20	62.32	33.31	4.63	58.60	31.93	5.12	54.63	30.49	5.68	50.41	28.97	6.30
	67 (19.4)	63.19	44.43	3.74	60.19	43.17	4.13	57.00	41.85	4.56	53.63	40.47	5.05	50.02	39.02	5.61	46.18	37.48	6.25
1750	63 (17.2)††	58.86	42.85	3.69	56.08	41.59	4.08	53.14	40.28	4.51	50.02	38.91	5.00	46.68	37.46	5.56	43.12	35.92	6.21
	62 (16.7)	57.71	52.73	3.68	55.03	51.44	4.07	52.20	50.06	4.50	49.23	48.51	4.99	46.32	46.32	5.56	43.40	43.40	6.21
	57 (13.9)	55.78	55.78	3.66	53.67	53.67	4.05	51.40	51.40	4.49	48.93	48.93	4.99	46.26	46.26	5.56	43.34	43.34	6.21
	72 (22.2)	70.36	37.64	3.89	66.90	36.35	4.28	63.21	35.01	4.71	59.35	33.61	5.20	55.24	32.15	5.75	50.87	30.61	6.38
2000	67 (19.4)	64.35	47.30	3.82	61.20	46.01	4.21	57.88	44.67	4.64	54.36	43.25	5.13	50.63	41.76	5.89	46.66	40.17	6.32
	63 (17.2)††	59.99	45.53	3.77	57.09	44.24	4.15	54.01	42.91	4.59	50.76	41.50	5.08	47.31	40.01	5.64	43.61	38.41	6.28
	62 (16.7)	58.97	56.54	3.76	56.19	55.09	4.15	53.39	53.39	4.58	50.73	50.73	5.08	47.86	47.86	5.65	44.74	44.74	6.30
	57 (13.9)	58.06	58.06	3.75	55.76	55.76	4.14	53.31	53.31	4.58	50.67	50.67	5.08	47.80	47.80	5.65	44.69	44.69	6.29
2250	72 (22.2)	71.26	39.30	3.97	67.65	37.99	4.36	63.86	36.63	4.79	59.89	35.22	5.27	55.65	33.73	5.82	51.19	32.18	6.45
	67 (19.4)	65.22	50.05	3.89	61.95	48.72	4.28	58.50	47.35	4.71	54.89	45.91	5.20	51.06	44.37	5.76	47.00	42.71	6.39
	63 (17.2)††	60.84	48.08	3.84	57.83	46.76	4.23	54.65	45.40	4.66	51.31	43.95	5.15	47.75	42.41	5.71	43.99	40.75	6.35
	62 (16.7)	60.05	60.05	3.84	57.56	57.56	4.23	54.95	54.95	4.67	52.14	52.14	5.16	49.11	49.11	5.73	45.81	45.81	6.38
	57 (13.9)	59.92	59.92	3.84	57.48	57.48	4.23	54.88	54.88	4.67	52.08	52.08	5.16	49.05	49.05	5.73	45.76	45.76	6.38

PH15NB060\*\*\*A Outdoor Section With PF4MNB061 Indoor Section

COOLING INDOOR MODEL	POWER	CAPACITY	FURNACE MODEL	COOLING INDOOR MODEL	POWER	CAPACITY	FURNACE MODEL	COOLING INDOOR MODEL	POWER	CAPACITY	FURNACE MODEL	COOLING INDOOR MODEL	POWER	CAPACITY	FURNACE MODEL
PF4MNA060	0.98	0.98		CNPH*6124A**	1.07	0.98	PG8*EA060110	CNPH*6124A**	1.02	0.97	PG8*EA060110	CNPH*6024A**	1.01	0.97	PG9MXA060100
PF4MNA061	1.03	0.99		CSPH*6012A**	1.01	0.97	PG8*EA060110	CSPH*6012A**	1.01	0.97	PG8*EA060110	CNPH*6124A**	1.01	0.97	PG9MXA060100
CAP**6021A**	1.11	0.97		CAP**6024A**	1.11	0.97	PG8*EA060135	CAP**6024A**	1.01	0.97	PG8*EA060135	CSPH*6012A**	1.01	0.97	PG9MXA060100
CAP**6024A**	1.11	0.97		CAP**6025A**	1.11	0.97	PG8*EA060135	CAP**6025A**	1.01	0.97	PG8*EA060135	CAP**6024A**	1.01	0.97	PG9MXA060120
CAP**6025A**	1.11	0.97		CNPH*6024A**	1.11	0.97	PG8*EA060135	CNPH*6024A**	1.01	0.97	PG8*EA060135	CAP**6025A**	1.01	0.97	PG9MXA060120
CNPH*6024A**	1.11	0.97		CNPH*6124A**	1.11	0.97	PG8*EA060135	CNPH*6124A**	1.01	0.97	PG8*EA060135	CNPH*6024A**	1.01	0.97	PG9MXA060120
CNPH*6124A**	1.12	0.98		CNPV*6024A**	1.11	0.97	PG8*EA060135	CNPV*6024A**	1.01	0.97	PG8*EA060135	CNPH*6124A**	1.02	0.98	PG9MXA060120
CNPV*6024A**	1.11	0.97		CNPV*6124A**	1.11	0.99	PG8*EA060135	CNPV*6124A**	1.03	0.99	PG8*EA060135	CNPV*6024A**	1.01	0.97	PG9MXA060120
CNPV*6124A**	1.13	0.99		CSPH*6012A**	1.11	0.97	PG8*EA060135	CSPH*6012A**	1.01	0.97	PG8*EA060135	CNPV*6124A**	1.03	0.99	PG9MXA060120
CSPH*6012A**	1.11	0.97		CNPH*6024A**	1.05	0.96	PG9MXA048080	CNPH*6024A**	1.05	0.96	PG9MXA048080	CSPH*6012A**	1.01	0.97	PG9MXA060120
CAP**6021A**	1.01	0.97	PG8*EA060110	CSPH*6012A**	1.06	0.97	PG9MXA048080	CSPH*6012A**	1.06	0.97	PG9MXA048080	CAP**6021A**	1.01	0.97	PG9MXA060120

\* Tested combination.

† 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.

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

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

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

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

EWB — Entering Wet Bulb

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



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	Integ*	Total Syst. KWt	Capacity MBtuh Total	Integ*	Total Syst. KWt	Capacity MBtuh Total	Integ*	Total Syst. KWt	Capacity MBtuh Total	Integ*	Total Syst. KWt	Capacity MBtuh Total	Integ*	Total Syst. KWt	Capacity MBtuh Total	Integ*	Total Syst. KWt						
<b>PH15NB018***A Outdoor Section With PF4MNB019 Indoor Section</b>																									
65 (18.3)	525	5.13	4.72	1.02	7.34	6.75	1.07	9.76	8.90	1.12	12.54	11.13	1.18	15.15	13.78	1.24	18.08	18.08	1.32	21.28	21.28	1.41	24.15	24.15	1.48
	600	5.22	4.80	1.02	7.46	6.85	1.07	9.91	9.03	1.11	12.68	11.27	1.17	15.35	13.97	1.22	18.35	18.35	1.29	21.43	21.43	1.35	24.11	24.11	1.42
	675	5.30	4.87	1.02	7.55	6.94	1.07	10.04	9.15	1.11	12.80	11.37	1.16	15.51	14.12	1.20	18.56	18.56	1.27	21.37	21.37	1.31	23.93	23.93	1.37
70 (21.1)	525	4.84	4.45	1.07	7.04	6.47	1.12	9.43	8.60	1.18	12.28	10.90	1.24	14.86	13.52	1.31	17.74	17.74	1.38	20.89	20.89	1.48	23.84	23.84	1.55
	600	4.92	4.53	1.07	7.15	6.57	1.12	9.58	8.74	1.17	12.44	11.04	1.23	15.05	13.70	1.35	18.00	18.00	1.39	21.15	21.15	1.42	23.87	23.87	1.49
	675	4.99	4.59	1.07	7.25	6.66	1.12	9.71	8.85	1.16	12.56	11.16	1.21	15.21	13.84	1.26	18.21	18.21	1.33	21.20	21.20	1.39	23.75	23.75	1.45
75 (23.9)	525	4.50	4.14	1.11	6.70	6.16	1.17	9.09	8.29	1.23	11.98	10.64	1.30	14.56	13.25	1.37	17.39	17.39	1.45	20.50	20.50	1.55	23.52	23.52	1.63
	600	4.59	4.22	1.12	6.82	6.27	1.17	9.24	8.42	1.22	12.15	10.79	1.29	14.75	13.43	1.34	17.65	17.65	1.42	20.82	20.82	1.50	23.58	23.58	1.57
	675	4.66	4.29	1.12	6.92	6.36	1.17	9.36	8.54	1.22	12.29	10.91	1.27	14.91	13.57	1.33	17.86	17.86	1.39	20.95	20.95	1.46	23.53	23.53	1.52
<b>HEATING INDOOR MODEL</b>		<b>CAPACITY</b>		<b>POWER</b>		<b>FURNACE MODEL</b>																			
*PF4MNB019		1.00		1.00																					
FF1ENP018		1.00		1.11																					
FF1ENP019		1.00		1.04																					
FF1ENP024		1.00		1.09																					
FF1ENP025		1.00		1.01																					
PF4MNA018		1.00		1.11																					
PF4MNA019		1.00		1.04																					
PF4MNA024		1.00		1.11																					
PF4MNA025		1.00		1.02																					
PF4MNB025		1.00		1.00																					
CAP**1814A**		1.00		1.11																					
CAP**2414A**		1.00		1.08																					
CAP**2417A**		1.00		1.08																					
CNPF*2418A**		1.00		1.07																					
CNPH*2417A**		1.00		1.07																					
CNPV*1814A**		1.00		1.08																					
CNPV*1917A**		1.00		1.06																					
CNPV*2414A**		1.00		1.07																					
CNPV*2417A**		1.00		1.07																					
CSPH*2412A**		1.00		1.06																					
CAP**1814A**		1.00		1.06		PG8*EA024045																			
CAP**2414A**		1.00		1.02		PG8*EA024045																			
CNPV*2417A**		1.00		1.02		PG8*EA024045																			
CNPV*1814A**		1.00		1.04		PG8*EA024045																			
CNPV*2414A**		1.00		1.02		PG8*EA024045																			
CSPH*2412A**		1.00		1.02		PG8*EA024045																			
CSPH*2412A**		1.00		0.99		PG9MTAV36050*A**																			
CSPH*2412A**		1.00		1.00		PG9MTAV36075*A**																			
CAP**2417A**		1.00		1.00		PG9MXA036060																			
CNPV*2417A**		1.00		1.01		PG9MXA036060																			
CNPV*1917A**		1.00		0.98		PG9MXA036060																			
CNPV*2417A**		1.00		1.01		PG9MXA036060																			
CSPH*2412A**		0.99		1.03		PG9MXA036060																			

See note on pg. 30



HEAT PUMP HEATING PERFORMANCE CONTINUED

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 Syst. KWT	Capacity MBtuh		Total Syst. KWT	Capacity MBtuh		Total Syst. KWT	Capacity MBtuh		Total Syst. KWT	Capacity MBtuh		Total Syst. KWT	Capacity MBtuh		Total Syst. KWT	Capacity MBtuh		Total Syst. KWT	Capacity MBtuh		Total Syst. KWT
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*		
65 (18.3)	875	9.76	8.98	13.14	12.08	16.80	15.32	17.73	21.11	18.75	22.82	25.07	22.82	29.50	29.50	34.45	34.45	39.00	39.00	43.45	43.45	48.00	48.00	52.45	
	1000	9.94	9.15	13.35	12.27	17.06	15.56	17.33	21.33	18.94	23.08	25.37	23.08	29.87	29.87	34.61	34.61	39.17	39.17	43.62	43.62	48.17	48.17	52.62	
	1125	10.10	9.29	13.53	12.44	17.28	15.75	17.33	21.54	19.13	23.31	25.61	23.31	30.18	30.18	34.65	34.65	39.23	39.23	43.68	43.68	48.23	48.23	52.68	
70 (21.1)	875	9.22	8.49	12.63	11.61	16.30	14.86	18.2	20.75	18.43	22.46	24.68	22.46	29.04	29.04	33.93	33.93	38.55	38.55	43.00	43.00	47.45	47.45	51.90	
	1000	9.40	8.65	12.84	11.80	16.55	15.09	18.1	20.99	18.64	22.71	24.96	22.71	29.40	29.40	34.27	34.27	38.89	38.89	43.34	43.34	47.79	47.79	52.24	
	1125	9.56	8.80	13.03	11.97	16.77	15.29	18.1	21.18	18.81	22.93	25.20	22.93	29.70	29.70	34.31	34.31	38.50	38.50	42.95	42.95	47.40	47.40	51.85	
75 (23.9)	875	8.65	7.96	12.09	11.11	15.76	14.37	16.02	20.33	18.05	21.11	24.28	22.09	21.11	28.57	28.57	33.39	33.39	38.09	38.09	42.80	42.80	47.50	47.50	
	1000	8.83	8.12	12.30	11.30	16.02	14.60	19.20	20.59	18.29	22.35	24.56	22.35	28.93	28.93	33.82	33.82	38.19	38.19	42.90	42.90	47.60	47.60		
	1125	8.98	8.26	12.48	11.47	16.23	14.80	19.20	20.81	18.48	22.56	24.80	22.56	29.22	29.22	33.98	33.98	38.16	38.16	42.80	42.80	47.50	47.50		

PH15NB030\*\*\*A Outdoor Section With PF4MNB031 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3012A**	1.00	1.02	PG9MXA048080
CSPH*3612A**	1.00	0.97	PG9MXA048080

See note on pg. 30

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*3617A**	1.00	1.06	PG9MTA V36050*A**
CSPH*3012A**	1.00	1.06	PG9MTA V36050*A**
CSPH*3612A**	1.00	1.02	PG9MTA V36050*A**
CNPV*3017A**	1.00	1.05	PG9MTA V36075*A**
CNPV*3617A**	1.00	1.05	PG9MTA V36075*A**
CSPH*3012A**	1.00	1.06	PG9MTA V36075*A**
CSPH*3612A**	1.00	1.01	PG9MTA V36075*A**
CNPV*3017A**	0.99	1.02	PG9MTA V60100*A**
CNPV*3617A**	0.99	1.02	PG9MTA V60100*A**
CSPH*3012A**	0.99	1.03	PG9MTA V60100*A**
CSPH*3612A**	0.99	0.98	PG9MTA V60100*A**
CNPV*3017A**	0.99	1.02	PG9MTA V60125*A**
CNPV*3617A**	0.99	1.02	PG9MTA V60125*A**
CSPH*3012A**	0.99	1.02	PG9MTA V60125*A**
CSPH*3612A**	0.99	0.97	PG9MTA V60125*A**
CNPV*3017A**	0.99	1.01	PG9MXA036060
CNPV*3617A**	0.99	1.01	PG9MXA036060
CSPH*3012A**	0.99	1.01	PG9MXA036060
CSPH*3612A**	0.99	1.01	PG9MXA036060
CNPV*3017A**	0.99	1.00	PG9MXA036060
CNPV*3617A**	1.00	0.94	PG9MXA036060
CSPH*3012A**	0.99	1.01	PG9MXA036060
CSPH*3612A**	0.99	0.97	PG9MXA036060
CNPV*3017A**	0.99	1.01	PG9MXA036060
CNPV*3617A**	0.99	1.00	PG9MXA036060
CSPH*3012A**	0.99	1.01	PG9MXA036060
CSPH*3612A**	0.99	1.01	PG9MXA036060
CNPV*3017A**	0.99	1.01	PG9MXA036060
CNPV*3617A**	1.00	0.95	PG9MXA036060
CSPH*3012A**	0.99	1.01	PG9MXA036060
CSPH*3612A**	0.99	0.97	PG9MXA036060
CNPV*3017A**	0.99	1.01	PG9MXA036060
CNPV*3617A**	1.00	1.00	PG9MXA048080
CSPH*3012A**	1.00	1.01	PG9MXA048080
CSPH*3612A**	1.00	1.01	PG9MXA048080
CNPV*3017A**	1.00	1.01	PG9MXA048080
CNPV*3617A**	1.00	0.96	PG9MXA048080
CSPH*3012A**	1.00	1.01	PG9MXA048080
CSPH*3612A**	1.00	1.01	PG9MXA048080
CNPV*3017A**	1.00	0.94	PG9MXA048080

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*PF4MNB031	1.00	1.00	
FF1ENP030	1.01	1.10	
FF1ENP031	1.00	1.03	
FF1ENP036	1.02	1.09	
FF1ENP037	1.01	1.04	
PF4MNA030	1.01	1.09	
PF4MNA031	1.00	1.02	
PF4MNA036	1.02	1.10	
PF4MNA037	1.01	1.03	
PF4MNB037	0.99	0.97	
CAP**3014A**	1.02	1.09	
CAP**3017A**	1.02	1.09	
CAP**3614A**	1.02	1.09	
CAP**3617A**	1.02	1.09	
CAP**3619A**	1.02	1.09	
CAP**3621A**	1.02	1.09	
CNPV*3618A**	1.02	1.09	
CNPV*3017A**	1.02	1.09	
CNPV*3617A**	1.02	1.09	
CNPV*3014A**	1.02	1.09	
CNPV*3017A**	1.02	1.09	
CNPV*3117A**	1.02	1.04	
CNPV*3617A**	1.02	1.09	
CNPV*3621A**	1.02	1.09	
CNPV*3717A**	1.02	1.03	
CSPH*3012A**	1.02	1.08	
CSPH*3612A**	1.02	1.05	
CAP**3017A**	0.99	1.03	PG8*EA048070
CAP**3617A**	0.99	1.02	PG8*EA048070
CNPV*3017A**	0.99	1.03	PG8*EA048070
CNPV*3617A**	0.99	1.03	PG8*EA048070
CNPV*3017A**	0.99	1.03	PG8*EA048070
CNPV*3117A**	1.00	0.99	PG8*EA048070
CNPV*3617A**	0.99	1.03	PG8*EA048070
CNPV*3717A**	1.00	0.96	PG8*EA048070
CSPH*3012A**	0.99	1.04	PG8*EA048070
CSPH*3612A**	0.99	1.00	PG8*EA048070
CAP**3621A**	0.99	1.00	PG8*EA048090
CNPV*3017A**	0.99	1.02	PG8*EA048090
CNPV*3617A**	0.99	1.02	PG8*EA048090
CSPH*3012A**	0.99	1.03	PG8*EA048090
CSPH*3612A**	0.99	0.98	PG8*EA048090
CNPV*3017A**	1.00	1.06	PG9MTA V36050*A**

# HEAT PUMP HEATING PERFORMANCE CONTINUED

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	Capacity MBtuh		Total	Capacity MBtuh		Total	Capacity MBtuh		Total	Capacity MBtuh		Total	Capacity MBtuh		Total	Capacity MBtuh		Total	Capacity MBtuh		Total
CFM	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT	Integ*	Syst. KWT			
65 (18.3)	1050	11.44	10.52	1.97	15.33	14.09	2.06	19.61	17.88	2.15	24.41	21.68	2.28	29.99	27.29	2.39	35.11	35.11	2.52	40.74	40.74	2.67	46.35	46.35	2.78
	1200	11.66	10.73	1.98	15.60	14.34	2.06	19.93	18.17	2.15	24.85	22.07	2.24	30.35	27.62	2.36	35.57	35.57	2.47	41.14	41.14	2.57	46.50	46.50	2.69
	1350	11.86	10.91	2.00	15.83	14.55	2.07	20.21	18.42	2.15	25.78	22.90	2.25	30.66	27.90	2.34	35.94	35.94	2.44	41.32	41.32	2.53	46.51	46.51	2.63
70 (21.1)	1050	10.73	9.87	2.07	14.64	13.45	2.16	18.94	17.26	2.25	23.71	21.05	2.36	29.52	26.86	2.51	34.56	34.56	2.63	40.20	40.20	2.78	45.76	45.76	2.91
	1200	10.95	10.08	2.08	14.91	13.70	2.16	19.26	17.56	2.25	24.10	21.41	2.35	29.87	27.19	2.47	35.00	35.00	2.59	40.60	40.60	2.70	45.95	45.95	2.82
	1350	11.15	10.26	2.09	15.15	13.92	2.17	19.53	17.81	2.25	24.44	21.70	2.34	30.17	27.46	2.45	35.37	35.37	2.56	40.83	40.83	2.65	46.01	46.01	2.76
75 (23.9)	1050	9.98	9.19	2.17	13.92	12.79	2.26	18.23	16.62	2.36	22.97	20.40	2.47	28.97	26.36	2.63	34.00	34.00	2.76	39.58	39.58	2.92	45.14	45.14	3.04
	1200	10.20	9.38	2.18	14.18	13.03	2.26	18.55	16.92	2.35	23.37	20.76	2.45	29.35	26.71	2.59	34.43	34.43	2.71	40.10	40.10	2.84	45.39	45.39	2.95
	1350	10.39	9.55	2.19	14.41	13.25	2.27	18.82	17.16	2.35	23.70	21.05	2.45	29.66	26.99	2.57	34.80	34.80	2.68	40.32	40.32	2.78	45.49	45.49	2.89

PH15NB036\*\*\*A Outdoor Section With PF4MNB037 Indoor Section

HEATING INDOOR MODEL	CAPACITY		POWER	FURNACE MODEL		HEATING INDOOR MODEL	CAPACITY		POWER	FURNACE MODEL	
	Total	Integ*		Total	Integ*		Total	Integ*			
*PF4MNB037	1.00	1.00	1.00	PG8*EA048080	PG8*EA048080	CNPH*4212A**	0.98	0.98	1.02	PG9MXA048080	PG9MXA048080
FF1ENP037	1.01	1.11	1.09	PG8*EA060110	PG8*EA060110	CAP**3612A**	0.98	0.98	1.04	PG9MXA048080	PG9MXA048080
PF4MNA036	1.01	1.11	1.09	PG8*EA060110	PG8*EA060110	CAP**4212A**	0.98	0.98	1.00	PG9MXA048080	PG9MXA048080
PF4MNA037	1.01	1.11	1.09	PG8*EA060110	PG8*EA060110	CNPH*3617A**	0.98	0.98	1.00	PG9MXA048080	PG9MXA048080
PF4MNA042	1.02	1.09	1.09	PG8*EA060110	PG8*EA060110	CNPH*4212A**	0.98	0.98	1.00	PG9MXA048080	PG9MXA048080
PF4MNA043	1.01	1.03	1.03	PG8*EA060110	PG8*EA060110	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
PF4MNB043	0.99	0.99	0.99	PG8*EA060110	PG8*EA060110	CAP**3612A**	0.98	0.98	1.01	PG9MXA060100	PG9MXA060100
CAP**3611A**	1.00	1.10	1.10	PG8*EA060110	PG8*EA060110	CNPH*4212A**	0.98	0.98	1.04	PG9MXA060100	PG9MXA060100
CAP**3617A**	1.01	1.10	1.10	PG9MTA V6050*A**	PG9MTA V6050*A**	CNPH*3617A**	0.99	0.99	1.02	PG9MXA060100	PG9MXA060100
CAP**3619A**	1.01	1.10	1.10	PG9MTA V6050*A**	PG9MTA V6050*A**	CNPH*4212A**	0.99	0.99	1.04	PG9MXA060100	PG9MXA060100
CAP**3621A**	1.01	1.10	1.10	PG9MTA V6050*A**	PG9MTA V6050*A**	CSPH*4212A**	0.99	0.99	1.02	PG9MXA060100	PG9MXA060100
CAP**4212A**	1.01	1.09	1.09	PG9MTA V60125*A**	PG9MTA V60125*A**	CSPH*3612A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CAP**4224A**	1.01	1.09	1.09	PG9MTA V6075*A**	PG9MTA V6075*A**	CAP**3621A**	0.98	0.98	1.01	PG9MXA060100	PG9MXA060100
CNPH*3618A**	1.01	1.10	1.10	PG9MTA V6075*A**	PG9MTA V6075*A**	CAP**4221A**	0.99	0.99	1.01	PG9MXA060100	PG9MXA060100
CNPH*3617A**	1.01	1.10	1.10	PG9MTA V6075*A**	PG9MTA V6075*A**	CNPH*4212A**	0.99	0.99	1.04	PG9MXA060100	PG9MXA060100
CNPH*4212A**	1.01	1.08	1.08	PG9MTA V6075*A**	PG9MTA V6075*A**	CNPH*3617A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*3617A**	1.01	1.10	1.10	PG9MTA V60100*A**	PG9MTA V60100*A**	CNPH*4212A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*3617A**	1.01	1.10	1.10	PG9MTA V60100*A**	PG9MTA V60100*A**	CNPH*3617A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*3617A**	1.01	1.10	1.10	PG9MTA V60100*A**	PG9MTA V60100*A**	CNPH*4212A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*3617A**	1.01	1.04	1.04	PG9MTA V60100*A**	PG9MTA V60100*A**	CNPH*3612A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*4217A**	1.01	1.07	1.07	PG9MTA V60100*A**	PG9MTA V60100*A**	CNPH*4212A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	1.01	1.08	1.08	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*3617A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*3612A**	1.01	1.06	1.06	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	1.01	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.99	0.99	1.02	PG9MXA060100	PG9MXA060100
CNPH*4212A**	1.01	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	0.99	0.99	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	0.99	0.99	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.99	0.99	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.04	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.04	1.04	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.07	1.07	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00	PG9MXA060100	PG9MXA060100
CNPH*4212A**	0.99	1.05	1.05	PG9MTA V60125*A**	PG9MTA V60125*A**	CNPH*4212A**	0.98	0.98	1.00		





HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES* F (°C)												HEATING INDOOR MODEL		FURNACE MODEL											
		-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 Syst. KW†		Capacity MBtuh		Total Syst. KW†		Capacity MBtuh		Total Syst. KW†		Capacity MBtuh		Total Syst. KW†		Capacity MBtuh		Total Syst. KW†							
		Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*						
65 (18.3)	1750	20.52	18.88	3.27	26.79	24.62	3.41	33.43	30.48	3.55	40.87	36.30	3.71	49.38	44.94	3.92	57.35	57.35	4.11	66.82	66.82	4.33	77.58	77.58	4.56		
	2000	20.93	19.26	3.31	27.26	25.05	3.44	34.00	31.00	3.57	41.73	37.06	3.71	49.94	45.45	3.89	58.09	58.09	4.06	67.96	67.96	4.24	78.42	78.42	4.47		
	2250	21.30	19.60	3.36	27.68	25.44	3.48	34.47	31.43	3.59	43.09	38.27	3.76	50.46	45.92	3.89	58.71	58.71	4.05	68.69	68.69	4.20	78.97	78.97	4.42		
70 (21.1)	1750	19.47	17.92	3.41	25.79	23.70	3.56	32.51	29.64	3.71	39.83	35.37	3.87	48.67	44.29	4.10	56.50	56.50	4.29	65.73	65.73	4.53	76.47	76.47	4.77		
	2000	19.86	18.29	3.45	26.25	24.13	3.59	33.04	30.13	3.72	40.47	35.94	3.88	49.24	44.81	4.07	57.22	57.22	4.25	66.73	66.73	4.45	77.33	77.33	4.67		
	2250	20.25	18.63	3.49	26.67	24.51	3.62	33.51	30.55	3.75	41.03	36.44	3.88	49.75	45.28	4.07	57.83	57.83	4.23	67.70	67.70	4.39	77.93	77.93	4.61		
75 (23.9)	1750	18.38	16.91	3.55	24.74	22.74	3.71	31.51	28.73	3.87	38.79	34.46	4.05	47.96	43.66	4.29	55.67	55.67	4.49	64.63	64.63	4.75	75.38	75.38	4.98		
	2000	18.79	17.28	3.59	25.21	23.17	3.74	32.04	29.21	3.89	39.41	35.00	4.04	48.57	44.20	4.26	56.38	56.38	4.44	65.69	65.69	4.65	76.26	76.26	4.88		
	2250	19.15	17.61	3.64	25.62	23.55	3.78	32.51	29.64	3.91	39.96	35.49	4.05	49.02	44.61	4.25	56.97	56.97	4.42	66.61	66.61	4.60	76.86	76.86	4.82		
HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*PF4MNB061	1.00	1.00		CNPH*6024A**	1.00	1.04	PG8*EA060110	CNPH*6024A**	1.00	1.04	PG8*EA060110	CNPH*6024A**	1.00	1.04	PG8*EA060110	CNPH*6024A**	1.00	1.05	PG9MXA060100	CNPH*6024A**	1.00	1.05	PG9MXA060100	CNPH*6024A**	1.00	1.05	PG9MXA060100
PF4MNA060	1.02	1.07		CNPH*6124A**	1.00	1.03	PG8*EA060110	CSPH*6012A**	1.00	1.02	PG8*EA060110	CNPH*6124A**	1.00	1.03	PG8*EA060110	CNPH*6124A**	1.00	1.04	PG9MXA060100	CNPH*6124A**	1.00	1.04	PG9MXA060100	CNPH*6124A**	1.00	1.04	PG9MXA060100
CAP**6021A**	1.01	1.06		CAP**6024A**	1.00	1.05	PG8*EA060135	CAP**6024A**	1.00	1.05	PG8*EA060135	CAP**6025A**	1.00	1.05	PG8*EA060135	CAP**6025A**	1.00	1.05	PG9MXA060100	CAP**6024A**	1.00	1.03	PG9MXA060120	CAP**6024A**	1.00	1.03	PG9MXA060120
CAP**6024A**	1.01	1.06		CNPH*6024A**	1.00	1.05	PG8*EA060135	CNPH*6024A**	1.00	1.05	PG8*EA060135	CNPH*6124A**	1.00	1.04	PG8*EA060135	CNPH*6124A**	1.00	1.03	PG9MXA060120	CNPH*6024A**	1.00	1.03	PG9MXA060120	CNPH*6024A**	1.00	1.03	PG9MXA060120
CNPH*6024A**	1.01	1.06		CNPV*6124A**	1.00	1.05	PG8*EA060135	CNPV*6124A**	1.00	1.05	PG8*EA060135	CNPV*6124A**	1.00	1.04	PG8*EA060135	CNPV*6124A**	1.00	1.03	PG9MXA060120	CNPV*6124A**	1.00	1.03	PG9MXA060120	CNPV*6124A**	1.00	1.03	PG9MXA060120
CNPH*6124A**	1.01	1.05		CSPH*6012A**	1.00	1.03	PG8*EA060135	CSPH*6012A**	1.00	1.03	PG8*EA060135	CSPH*6012A**	1.00	1.03	PG8*EA060135	CSPH*6012A**	1.00	1.01	PG9MXA060120	CSPH*6012A**	1.00	1.01	PG9MXA060120	CSPH*6012A**	1.00	1.01	PG9MXA060120
CNPV*6024A**	1.01	1.06		CNPH*6024A**	1.00	1.07	PG9MXA048080	CNPH*6024A**	1.00	1.07	PG9MXA048080	CNPH*6024A**	1.00	1.07	PG9MXA048080	CNPH*6024A**	1.00	1.07	PG9MXA048080	CNPH*6024A**	1.00	1.07	PG9MXA048080	CNPH*6024A**	1.00	1.07	PG9MXA048080
CNPV*6124A**	1.01	1.05		CSPH*6012A**	1.00	1.06	PG9MXA048080	CSPH*6012A**	1.00	1.06	PG9MXA048080	CSPH*6012A**	1.00	1.06	PG9MXA048080	CSPH*6012A**	1.00	1.06	PG9MXA048080	CSPH*6012A**	1.00	1.06	PG9MXA048080	CSPH*6012A**	1.00	1.06	PG9MXA048080

NOTE: When the required data falls 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

# AIR-COOLED, SPLIT-SYSTEM HEAT PUMP

## PH15NB

### 1-1/2 TO 5 NOMINAL TONS

### System Description

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

### Quality Assurance

- Unit will be rated in accordance with the latest edition of AHRI Standard 240.
- 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 are pressure tested and the outdoor unit is leak 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 upward.
- Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings.
- Shafts will be corrosion resistant.
- Fan blades will be statically and dynamically balanced.
- Condenser fan openings will be equipped with steel wire safety guards.

### Compressor

- Compressor will be hermetically sealed.
- Compressor will be mounted on rubber vibration isolators.

### Condenser Coil

- Condenser coil will be air cooled.
- Coil will be constructed of aluminum fins mechanically bonded to copper tubes which are then cleaned, dehydrated, and sealed.

### Refrigeration Components

- Refrigeration circuit components will include liquid-line shutoff valve with sweat connections, vapor-line shutoff valve with sweat connections, system charge of R-410A refrigerant, POE compressor oil, accumulator, and reversing valve.

### 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 wet bulb and \_\_\_\_\_ °F/°C dry bulb, and air entering the unit at \_\_\_\_\_ °F/°C.
- The system will have a SEER of \_\_\_\_\_ Btuh/watt or greater at DOE conditions.

### Electrical Requirements

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

### Special Features

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

