

**PA13NA
PA13PA**

**13 SEER Split—System Air Conditioner
With R-410A Refrigerant
Single & Three Phase
1—1/2 To 5 Tons**

Product Data



FEATURES AND BENEFITS

AVAILABLE SIZES:

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

CERTIFICATION:

All models are listed with UL, (U.S. and Canada), AHRI, and CEC.

ELECTRICAL RANGE:

Units offered in single phase 208/230v are 018-060, three phase 208/230v in 036, 048 and 060, and three phase 460v in 060.

FAN MOTOR:

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

CABINET:

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

UNIT DESIGN:

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

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.

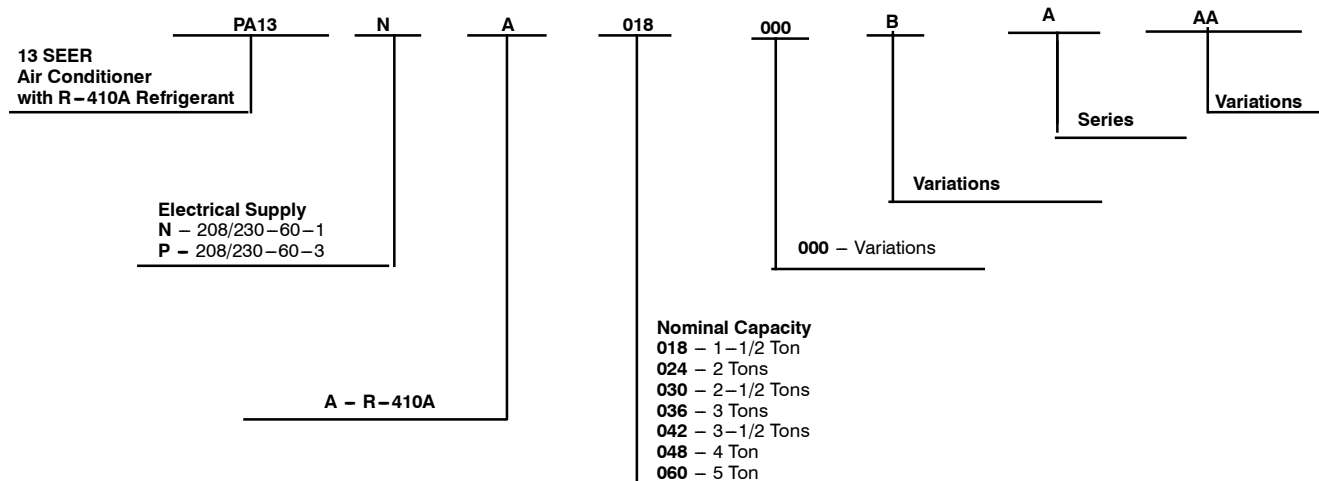
SERVICE VALVES:

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.

PRODUCT NUMBER NOMENCLATURE



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



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

SPECIFICATIONS

UNIT SIZE SERIES	018 B	024 B	030 B	036 B	042 B	048 D	060 B
ELECTRICAL							
Unit Volts—Hertz—Phase Operating Voltage Range*	208/230—60—1						
Compressor—Rated Load Amps	9.0	13.5	12.8	14.1	9.0	17.9	13.1
Locked Rotor Amps	48.0	58.3	64.0	77.0	71.0	112.0	109.0
Condenser Fan Motor— Full Load Amps	0.5	0.8	0.8	1.4	1.1	1.4	1.4
Min Unit Ampacity for Wire Sizing	11.7	17.6	16.8	19.0	12.7	23.5	17.8
Min Wire Size (60°/75° Copper) AWG**	14	12	12	12	14	10	8
Max Wire Length (60°/75°) ft (m)†	66 / 62 (20.1 / 18.9)	70 / 66 (21.3 / 20.1)	74 / 70 (22.6 / 21.3)	70 / 66 (21.3 / 20.1)	83 / 79 (25.3 / 24.1)	115 / 109 (35.1 / 33.2)	70 / 66 (21.3 / 20.1)
Max Branch Circuit Fuse Size†	20	25	25	30	40	40	50
COMPRESSOR AND REFRIGERANT							
Type	Scroll						
Temperature and Current Protection	Internal Line Break						
R-410A Refrigerant— Amount Lb (kg) @ 15 ft (4.6 m)	3.15 (1.43)	3.15 (1.43)	3.63 (1.65)	4.67 (2.12)	6.07 (2.75)	7.00 (3.18)	8.00 (3.63)
Refrigerant Tubes (In. OD)	3/4 and 3/8						
†† Rated Vapor and Maximum Liquid	7/8 and 3/8						
CONDENSER COIL AND FAN							
Coil Face Area (Sq Ft)	8.4	8.4	9.8	12.60	17.3	19.29	15.14
Fan Motor—HP, Type, and RPM	1/12 PSC and 1100	1/10 PSC and 1100	1/10 PSC and 1100	1/4 PSC and 1100	1/5 PSC and 1100	1/4 PSC and 1100	1/4 PSC and 1100
Volts—Hertz—Phase	1700	2000	2000	2500	3000	3400	3400
OPTIONAL EQUIPMENT							
Cycle Protector	KSACY0101AAA						
Start Assist—PTC Type	KAACS0201PTC						
Start Assist—Capacitor/Relay Type	KSASH1501AAA	KSASH1701AAA	KSASH1501AAA	KSASH1501AAA	N/A	KAACS0201PTC	KAACS0201PTC
MotorMaster® Control	KSALA0601AAA						
Ball Bearing Fan Motor (RCD)	HC32GE234	HC34GE239	HC40GE232	HC40GE219	HC38GE219	HC40GE226	HC40GE226
Low—Pressure Switch	KAALP0401PUR						
High—Pressure Switch	KAAHI0501PUR						
Compressor Sound Hood	KSASH1801COP						
Time—Delay Relay	KAATD0101TDR						
Low—Ambient Pressure Switch Kit	KSALA0301410						
Winter Start Control	KAAWS0101AAA						
Evaporator Freeze Thermostat	KAAFT0101AAA						
Compressor Crankcase Heater	KAACH1401AAA						
Liquid Line Solenoid Valve††	KAALS0201LLS						
TXV (Hard Shutoff)††	KSATX0201PUR	KSATX0301PUR	KSATX0301PUR	KSATX0301PUR	KSATX0401PUR	KSATX0501PUR	KSATX0501PUR
Standard Thermostat, Manual Changeover, Non—Programmable, °F/°C, 1—Stage Heat, 1—Stage Cool	TSTATPPBAC01						
Thermostat, Auto Changeover, 7—Day Programmable, °F/°C, 1—Stage Heat, 1—Stage Cool	TSTATPPPAC01						
Outdoor Sensor	TSTATXXSEN01—B						
Liquid Line Filter Drier	KH43LG073						
Backplate for Standard Thermostat	TSTATXXBBP01						
Backplate for Programmable Thermostat	TSTATXXBP01						
	KH43LG074						

N/A — Not applicable in this application.

* Permissible limits of the voltage range at which unit will operate satisfactorily. Operation outside these limits may result in unit failure.

† Time—delay fuse or circuit breaker.

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

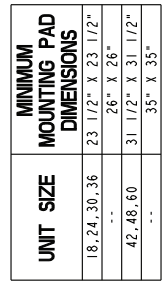
** If wire is applied at ambient greater than 30° C, consult Table 310—16 of the NEC (NFPA 70). The ampacity of nonmetallic—sheathed cable (NM), trade name ROMEX, shall be that of 60° C conductors, per the NEC (NFPA 70) Article 336—26.

†† Do not use hard shutoff TXV with liquid 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.

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X = YES
O = NO

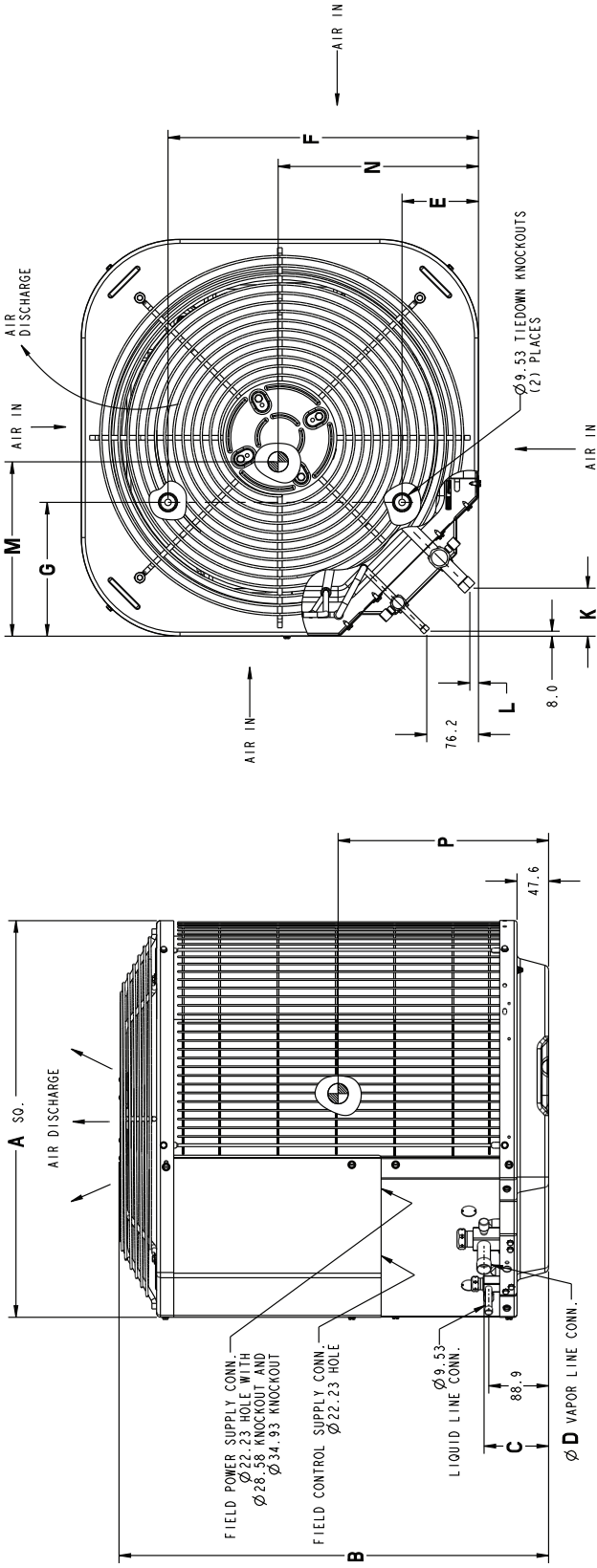


DIMENSIONS - SI

UNIT	SERIES	ELECTRICAL CHARACTERISTICS		A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (Kgs)	SHIPPING WEIGHT (Kgs)	SHIPPING DIMENSIONS (L x W x H)	
PA13NA018	B	X	O	O	587.4	630.2	95.2	19.0	112.7	458.8	198.4	71.4	12.7	304.8	298.4	301.6	49.0	56.2	612.8 X 612.8 X 690.6
PA13NA024	B	X	O	O	587.4	630.2	95.2	19.0	112.7	458.8	198.4	71.4	12.7	304.8	298.4	301.6	50.3	57.6	612.8 X 612.8 X 690.6
PA13NA030	B	X	O	O	587.4	722.3	95.2	19.0	112.7	458.8	198.4	71.4	12.7	304.8	298.4	317.5	51.7	59.0	612.8 X 612.8 X 777.9
PA13NA036	B	X	O	O	587.4	893.8	98.4	22.2	112.7	458.8	198.4	71.4	12.7	304.8	298.4	349.2	57.6	65.3	612.8 X 612.8 X 950.9
PA13NA042	B	X	O	O	792.2	808.0	98.4	22.2	166.7	627.1	231.8	74.6	15.9	406.4	393.7	349.2	78.0	88.4	817.6 X 817.6 X 863.6
PA13NA048	D	X	O	O	792.2	893.8	98.4	22.2	166.7	627.1	231.8	74.6	15.9	406.4	393.7	393.7	82.3	93.6	817.6 X 817.6 X 950.9
PA13NA060	B	X	O	O	792.2	722.3	98.4	22.2	166.7	627.1	231.8	74.6	15.9	406.4	393.7	323.8	89.8	101.6	817.6 X 817.6 X 777.9
PA13PR036	B	O	O	X	587.4	893.8	98.4	22.2	112.7	458.8	198.4	71.4	12.7	304.8	298.4	349.2	57.6	65.3	612.8 X 612.8 X 950.9
PA13PR048	D	O	O	X	792.2	893.8	98.4	22.2	166.7	627.1	231.8	74.6	15.9	406.4	393.7	393.7	82.3	93.6	817.6 X 817.6 X 950.9
PA13PR060	B	O	O	X	792.2	722.3	98.4	22.2	166.7	627.1	231.8	74.6	15.9	406.4	393.7	323.8	89.8	101.6	817.6 X 817.6 X 777.9

X = YES
O = NO

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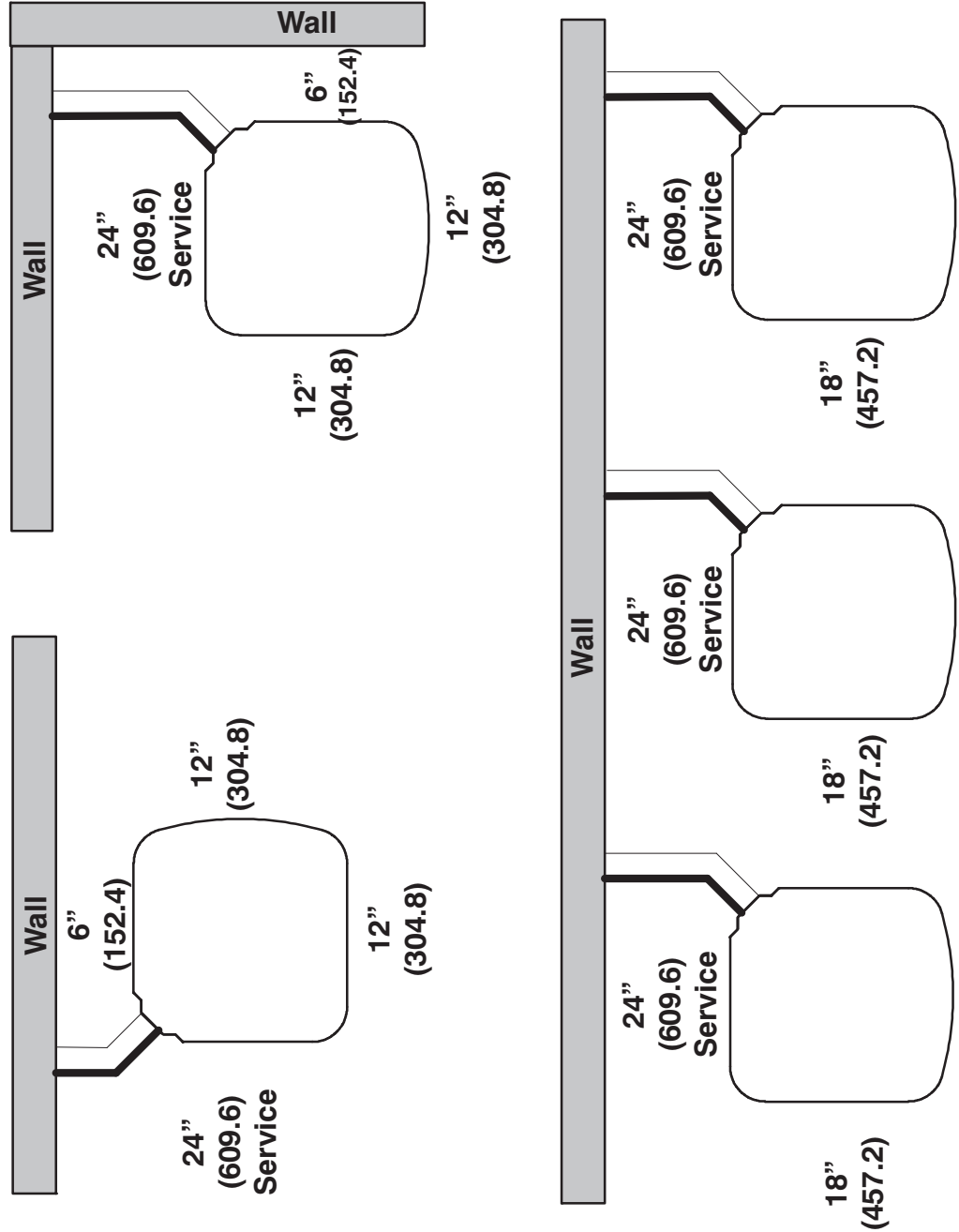


UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18,24,30,36	598.9 X 598.9
---	660.4 X 660.4
42,48,60	800.1 X 800.1
---	889.0 X 889.0

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CLEARANCES

Clearances (various examples)



Note: Numbers in () = mm

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

REFRIGERANT CHARGE ADJUSTMENTS

Liquid Line Size	R-410A Charge oz/ft
3/8	0.60 (Factory charge for lineset = 9 oz)
5/16	0.40
1/4	0.27

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

Charging Formula:

$[(\text{Lineset oz/ft} \times \text{total length}) - (\text{factory charge for lineset})] = \text{charge adjustment}$

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

Formula: $(.27 \text{ oz/ft} \times 15\text{ft}) - (9 \text{ oz}) = (-4.95) \text{ oz.}$

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

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

Formula: $(.40 \text{ oz/ft.} \times 45\text{ft}) - (9 \text{ oz.}) = 9 \text{ oz.}$

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

LONG LINE APPLICATIONS

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

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

AC WITH 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
1/4	No accessories needed within allowed lengths	No accessories needed within allowed lengths	175 (53.3)
5/16	120 (36.6)	50 (15.2)	120 (36.6)
3/8	80 (24.4)	35 (10.7)	80 (24.4)

Note: See Long Line Guideline for details

VAPOR LINE SIZING AND COOLING CAPACITY LOSS

Acceptable vapor line diameters provide adequate oil return to the compressor while avoiding excessive capacity loss. The suction line diameters shown in the chart below are acceptable for AC systems with R-410A refrigerant:

Unit Nominal Size (Btu/h)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In. OD)	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-53.3)	176-200 (53.6-61.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
18000 1 Stage AC with R-410A	3/8	1/2	1	2	3	5	6	7	8	9	11
		5/8	0	1	1	1	2	2	2	3	3
		3/4	0	0	0	0	1	1	1	1	1
24000 1 Stage AC with R-410A	3/8	5/8	0	1	2	2	3	3	4	5	5
		3/4	0	0	1	1	1	1	1	2	2
		7/8	0	0	0	0	0	1	1	1	1
30000 1 Stage AC 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
36000 1 Stage AC with R-410A	3/8	5/8	1	2	4	5	6	8	9	10	12
		3/4	0	1	1	2	2	3	3	4	4
		7/8	0	0	0	1	1	1	1	2	2
42000 1 Stage AC 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
		1 1/8	0	0	0	0	0	0	0	0	0
48000 1 Stage AC 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
		1 1/8	0	0	0	0	0	0	0	1	1
60000 1 Stage AC 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

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

A-WEIGHTED SOUND POWER (dBA)

UNIT SIZE – SERIES	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018–B	76	49.5	59.0	63.0	66.5	62.5	58.5	54.0
024–B	76	50.5	61.0	67.0	68.0	65.0	60.0	55.5
030–B	76	52.0	59.5	65.0	65.0	62.0	58.5	50.5
036–B	77	61.5	63.5	68.5	72.0	68.5	63.0	56.5
042–B	80	56.0	64.5	69.5	71.0	66.0	64.0	59.0
048–D	80	57.5	65.5	70.5	72.0	68.5	67.0	61.5
060–B	80	59.5	69.5	72.5	73.5	71.0	68.0	63.5

NOTE: Tested in accordance with AHRI Standard 270–95 (not listed in AHRI).

METERING DEVICE

UNIT SIZE – SERIES	INDOOOR	REQUIRED SUBCOOLING °F (°C)
018–B	TXV*	1(5.6)
024–B		
030–B		
036–B		
042–B		
048–D		
060–B		

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

ACCESSORY USAGE GUIDELINE

ACCESSORY	REQUIRED FOR LOW AMBIENT COOLING APPLICATIONS (Below 55°F / 22.8°C)	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 Ft./24.4 m)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles/3.2 km)
Ball Bearing Fan Motor	Yes†	No	No
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Hard Shut-Off TXV	Yes	Yes	Yes
Liquid Line Solenoid Valve	No	See Long-Line Application Guideline	No
Low Ambient Kit (Pressure Switch)	Yes	No	No
Support Feet	Recommended	No	Recommended
Winter Start Control	Yes	No	No

* For tubing line sets between 80 and 200 ft. (24.4 and 76.2 m) and/or 20 ft. (6.1 m) vertical differential, refer to Residential Split-System Longline Application Guideline.

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

Accessory Description and Usage (Listed Alphabetically)

1. Compressor Start Assist - Capacitor and Relay

Start capacitor and relay gives a "hard" boost to compressor motor at each start up.

Usage Guideline:

Required for reciprocating compressors in the following applications:

- Long line
- Low ambient cooling
- Hard shut off expansion valve on indoor coil
- Liquid line solenoid on indoor coil

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

- Long line
- Low ambient cooling

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

2. Compressor Start Assist — PTC Type

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

Usage Guideline:

Suggested in installations with marginal power supply.

3. Crankcase Heater

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

Usage Guideline:

Required in low ambient cooling applications.

Required in long line applications.

4. Cycle Protector

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

Suggested in all commercial applications.

5. Evaporator Freeze Thermostat

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

Usage Guideline:

Required when low ambient kit has been added.

6. Low Ambient Pressure Switch Kit

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 100 psig to 225 psig). The control will maintain working head pressure at low ambient temperatures down to 0°F/-17.8°C when properly installed.

Usage Guideline:

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

Suggested for all commercial applications.

7. Support Feet

Four stick-on plastic feet that raise the unit 4 in. (101.6 mm) above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base, minimizing corrosion.

Usage Guideline:

Suggested in the following applications:

- Coastal installations.
- Windy areas or where debris is normally circulating.
- Rooftop installations.
- For improved sound ratings.

8. Thermostatic Expansion Valve (TXV)

A modulating flow-control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator.

Kit includes valve, adapter tubes, and external equalizer tube. Hard shut off types are available.

NOTE: When using a hard shut off TXV with single phase reciprocating compressors, a Compressor Start Assist Capacitor and Relay is required.

Usage Guideline:

Required to achieve AHRI ratings in certain equipment combinations. Refer to combination ratings.

Hard shut off TXV or LLS required in air conditioner long line applications.

Required for use on all zoning systems.

9. Winter Start Control

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

RATINGS AND PERFORMANCE

AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
4339971	PA13NA018****B	†CAP**1814A**+TDR		17,200	10.9	13.0
4340066	PA13NA018****B	CAP**1814A**	PG8*EA024045	17,200	12.0	14.0
4739802	PA13NA018****B	CAP**1814A**	PG95XA*30040A***	17,400	11.8	14.2
4340067	PA13NA018****B	CAP**2414A**	PG8*EA024045	17,200	12.0	14.5
4739803	PA13NA018****B	CAP**2414A**	PG95XA*30040A***	17,800	12.0	14.5
4339972	PA13NA018****B	CAP**2414A**+TDR		17,200	11.0	13.0
4739804	PA13NA018****B	CAP**2417A**	PG95XA*30040A***	17,800	12.0	14.5
4339973	PA13NA018****B	CAP**2417A**+TDR		17,200	10.9	13.0
4340064	PA13NA018****B	CAP**3619A**+TDR		17,600	11.0	13.0
4340070	PA13NA018****B	CNPH*2417A**	PG8*EA024045	17,200	12.0	14.5
4739809	PA13NA018****B	CNPH*2417A**	PG95XA*30040A***	17,700	11.8	14.2
4339977	PA13NA018****B	CNPH*2417A**+TDR		17,200	11.0	13.0
4340068	PA13NA018****B	CNPV*1814A**	PG8*EA024045	17,200	12.0	14.0
4739805	PA13NA018****B	CNPV*1814A**	PG95XA*30040A***	17,500	11.8	14.2
4339974	PA13NA018****B	CNPV*1814A**+TDR		17,200	10.9	13.0
4739806	PA13NA018****B	CNPV*1917A**	PG95XA*30040A***	17,900	12.0	14.5
4340051	PA13NA018****B	CNPV*1917A**+TDR		18,000	11.0	13.0
4340069	PA13NA018****B	CNPV*2414A**	PG8*EA024045	17,200	12.0	14.5
4739807	PA13NA018****B	CNPV*2414A**	PG95XA*30040A***	17,700	11.8	14.2
4339975	PA13NA018****B	CNPV*2414A**+TDR		17,200	10.9	13.0
4739808	PA13NA018****B	CNPV*2417A**	PG95XA*30040A***	17,700	11.8	14.2
4339976	PA13NA018****B	CNPV*2417A**+TDR		17,200	11.0	13.0
4340071	PA13NA018****B	CSPH*2412A**	PG8*EA024045	17,200	12.0	14.5
4739810	PA13NA018****B	CSPH*2412A**	PG95XA*30040A***	17,800	12.0	14.5
4339979	PA13NA018****B	CSPH*2412A**+TDR		17,200	11.0	13.0
4340076	PA13NA018****B	FF1ENP018		17,200	10.9	13.0
4340335	PA13NA018****B	FF1ENP019		17,200	12.0	14.0
4340077	PA13NA018****B	FF1ENP024		17,200	10.9	13.0
4340329	PA13NA018****B	FF1ENP025		17,200	12.2	14.5
4340336	PA13NA018****B	FF1ENP031		17,800	11.5	14.0
4340337	PA13NA018****B	FF1ENP037		17,800	11.5	14.0
4340072	PA13NA018****B	PF4MNA018		17,200	10.9	13.0
4340074	PA13NA018****B	PF4MNA019		17,200	12.0	14.0
4340073	PA13NA018****B	PF4MNA024		17,200	10.9	13.0
4340075	PA13NA018****B	PF4MNA025		17,200	12.0	14.5
4340394	PA13NA018****B	PF4MNB019		17,600	12.0	14.5
4340395	PA13NA018****B	PF4MNB025		17,600	12.0	14.5
4340396	PA13NA018****B	PF4MNB031		17,600	12.0	14.5
4339980	PA13NA024****B	†CAP**2414A**+TDR		23,000	11.0	13.0
4340078	PA13NA024****B	CAP**2414A**	PG8*EA024045	23,000	12.0	14.0
4739811	PA13NA024****B	CAP**2414A**	PG95XA*30040A***	22,600	11.2	13.5
4739812	PA13NA024****B	CAP**2417A**	PG95XA*30040A***	22,800	11.2	13.5
4739813	PA13NA024****B	CAP**2417A**	PG95XA*42060B***	22,600	12.0	14.5
4339981	PA13NA024****B	CAP**2417A**+TDR		23,000	11.0	13.0
4340079	PA13NA024****B	CAP**3014A**	PG8*EA024045	23,000	12.0	14.0
4739814	PA13NA024****B	CAP**3014A**	PG95XA*30040A***	22,800	11.2	13.5
4339982	PA13NA024****B	CAP**3014A**+TDR		23,000	11.0	13.0
4739815	PA13NA024****B	CAP**3017A**	PG95XA*30040A***	23,000	11.4	13.7
4739816	PA13NA024****B	CAP**3017A**	PG95XA*42060B***	23,000	12.0	14.5
4339983	PA13NA024****B	CAP**3017A**+TDR		23,000	11.0	13.0
4340065	PA13NA024****B	CAP**3619A**+TDR		23,400	11.0	13.0
4340082	PA13NA024****B	CNPH*2417A**	PG8*EA024045	23,000	11.5	14.0
4739825	PA13NA024****B	CNPH*2417A**	PG95XA*30040A***	22,600	11.2	13.5
4739826	PA13NA024****B	CNPH*2417A**	PG95XA*42060B***	22,400	12.0	14.5
4339988	PA13NA024****B	CNPH*2417A**+TDR		23,000	11.0	13.0
4340083	PA13NA024****B	CNPH*3017A**	PG8*EA024045	23,000	12.0	14.0
4739827	PA13NA024****B	CNPH*3017A**	PG95XA*30040A***	23,000	11.4	13.7
4739828	PA13NA024****B	CNPH*3017A**	PG95XA*42060B***	23,000	12.0	14.5
4339989	PA13NA024****B	CNPH*3017A**+TDR		23,000	11.0	13.0
4340342	PA13NA024****B	CNPH*3117A**	PG8*EA024045	23,400	12.0	14.5
4739829	PA13NA024****B	CNPH*3117A**	PG95XA*30040A***	23,400	11.4	13.7
4739830	PA13NA024****B	CNPH*3117A**	PG95XA*42060B***	23,400	12.5	15.0
4340053	PA13NA024****B	CNPH*3117A**+TDR		23,400	11.0	13.0
4340080	PA13NA024****B	CNPV*2414A**	PG8*EA024045	23,000	11.5	13.5
4739817	PA13NA024****B	CNPV*2414A**	PG95XA*30040A***	22,600	11.2	13.5
4339984	PA13NA024****B	CNPV*2414A**+TDR		23,000	11.0	13.0
4739818	PA13NA024****B	CNPV*2417A**	PG95XA*30040A***	22,600	11.2	13.5
4739819	PA13NA024****B	CNPV*2417A**	PG95XA*42060B***	22,400	12.0	14.5
4339985	PA13NA024****B	CNPV*2417A**+TDR		23,000	11.0	13.0
4340081	PA13NA024****B	CNPV*3014A**	PG8*EA024045	23,000	12.0	14.0
4739820	PA13NA024****B	CNPV*3014A**	PG95XA*30040A***	22,800	11.2	13.5
4339986	PA13NA024****B	CNPV*3014A**+TDR		23,000	11.0	13.0
4739821	PA13NA024****B	CNPV*3017A**	PG95XA*30040A***	23,000	11.4	13.7
4739822	PA13NA024****B	CNPV*3017A**	PG95XA*42060B***	23,000	12.0	14.5
4339987	PA13NA024****B	CNPV*3017A**+TDR		23,000	11.0	13.0
4739823	PA13NA024****B	CNPV*3117A**	PG95XA*30040A***	23,400	11.4	13.7
4739824	PA13NA024****B	CNPV*3117A**	PG95XA*42060B***	23,400	12.5	15.0
4340052	PA13NA024****B	CNPV*3117A**+TDR		23,400	11.0	13.0
4340084	PA13NA024****B	CSPH*2412A**	PG8*EA024045	23,000	12.0	14.0
4739831	PA13NA024****B	CSPH*2412A**	PG95XA*30040A***	22,800	11.2	13.5

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AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
4739832	PA13NA024****B	CSPH*2412A**	PG95XA*42060B***	22,600	12.0	14.5
4339991	PA13NA024****B	CSPH*2412A**+TDR		23,000	11.0	13.0
4340085	PA13NA024****B	CSPH*3012A**	PG8*EA024045	23,000	12.0	14.0
4739833	PA13NA024****B	CSPH*3012A**	PG95XA*30040A***	23,000	11.4	13.7
4739834	PA13NA024****B	CSPH*3012A**	PG95XA*42060B***	22,800	12.0	14.5
4339992	PA13NA024****B	CSPH*3012A**+TDR		23,000	11.0	13.0
4340090	PA13NA024****B	FF1ENP024		23,000	10.9	13.0
4340330	PA13NA024****B	FF1ENP025		23,000	11.7	14.0
4340091	PA13NA024****B	FF1ENP030		23,000	10.9	13.0
4340331	PA13NA024****B	FF1ENP031		23,000	11.7	14.0
4340338	PA13NA024****B	FF1ENP037		23,600	11.5	14.0
4340086	PA13NA024****B	PF4MNA024		23,000	11.0	13.0
4340088	PA13NA024****B	PF4MNA025		23,000	11.5	13.5
4340087	PA13NA024****B	PF4MNA030		23,000	11.0	13.0
4340089	PA13NA024****B	PF4MNA031		23,000	12.0	14.0
4340397	PA13NA024****B	PF4MNB025		23,400	12.0	14.5
4340398	PA13NA024****B	PF4MNB031		23,600	11.5	14.0
4340399	PA13NA024****B	PF4MNB037		23,800	12.0	14.5
4339993	PA13NA030****B	†CAP**3014A**+TDR		27,200	10.8	13.0
4340092	PA13NA030****B	CAP**3017A**	PG8*EA048070	27,200	11.5	13.5
4739835	PA13NA030****B	CAP**3017A**	PG95XA*42060B***	27,400	11.5	14.0
4739836	PA13NA030****B	CAP**3017A**	PG95XA*48080B***	27,600	11.5	14.0
4339994	PA13NA030****B	CAP**3017A**+TDR		27,200	10.8	13.0
4339995	PA13NA030****B	CAP**3614A**+TDR		27,200	10.8	13.0
4340093	PA13NA030****B	CAP**3617A**	PG8*EA048070	27,200	11.5	13.5
4739837	PA13NA030****B	CAP**3617A**	PG95XA*42060B***	27,600	11.5	14.0
4739838	PA13NA030****B	CAP**3617A**	PG95XA*48080B***	27,800	11.8	14.2
4339996	PA13NA030****B	CAP**3617A**+TDR		27,200	10.8	13.0
4739841	PA13NA030****B	CAP**3619A**	PG95XA*42060B***	27,600	11.5	14.0
4739842	PA13NA030****B	CAP**3619A**	PG95XA*48080B***	27,800	11.8	14.2
4340054	PA13NA030****B	CAP**3619A**+TDR		27,400	10.8	13.0
4340094	PA13NA030****B	CAP**3621A**	PG8*EA048090	27,200	12.0	14.0
4739839	PA13NA030****B	CAP**3621A**	PG95XA*42060B***	27,600	11.8	14.2
4739840	PA13NA030****B	CAP**3621A**	PG95XA*48080B***	27,800	11.8	14.2
4339997	PA13NA030****B	CAP**3621A**+TDR		27,200	10.8	13.0
4340098	PA13NA030****B	CNPH*3017A**	PG8*EA048070	27,200	11.5	13.5
4340099	PA13NA030****B	CNPH*3017A**	PG8*EA048090	27,200	11.5	13.5
4739853	PA13NA030****B	CNPH*3017A**	PG95XA*42060B***	27,600	11.5	14.0
4739854	PA13NA030****B	CNPH*3017A**	PG95XA*48080B***	27,600	11.5	14.0
4340002	PA13NA030****B	CNPH*3017A**+TDR		27,200	10.8	13.0
4340355	PA13NA030****B	CNPH*3117A**	PG8*EA048070	27,600	11.5	14.0
4340356	PA13NA030****B	CNPH*3117A**	PG8*EA048090	27,600	12.0	14.5
4739855	PA13NA030****B	CNPH*3117A**	PG95XA*42060B***	28,200	11.8	14.2
4739856	PA13NA030****B	CNPH*3117A**	PG95XA*48080B***	28,400	11.8	14.2
4340056	PA13NA030****B	CNPH*3117A**+TDR		27,600	11.0	13.0
4340100	PA13NA030****B	CNPH*3617A**	PG8*EA048070	27,200	11.5	13.5
4340101	PA13NA030****B	CNPH*3617A**	PG8*EA048090	27,200	11.5	14.0
4739857	PA13NA030****B	CNPH*3617A**	PG95XA*42060B***	27,600	11.5	14.0
4739858	PA13NA030****B	CNPH*3617A**	PG95XA*48080B***	27,600	11.5	14.0
4340003	PA13NA030****B	CNPH*3617A**+TDR		27,200	10.8	13.0
4339998	PA13NA030****B	CNPV*3014A**+TDR		27,200	10.8	13.0
4340095	PA13NA030****B	CNPV*3017A**	PG8*EA048070	27,200	11.5	13.5
4739843	PA13NA030****B	CNPV*3017A**	PG95XA*42060B***	27,600	11.5	14.0
4739844	PA13NA030****B	CNPV*3017A**	PG95XA*48080B***	27,600	11.5	14.0
4339999	PA13NA030****B	CNPV*3017A**+TDR		27,200	10.8	13.0
4340351	PA13NA030****B	CNPV*3117A**	PG8*EA048070	27,600	11.5	14.0
4739845	PA13NA030****B	CNPV*3117A**	PG95XA*42060B***	28,200	11.8	14.2
4739846	PA13NA030****B	CNPV*3117A**	PG95XA*48080B***	28,400	11.8	14.2
4340055	PA13NA030****B	CNPV*3117A**+TDR		27,600	11.0	13.0
4340096	PA13NA030****B	CNPV*3617A**	PG8*EA048070	27,200	11.5	13.5
4739847	PA13NA030****B	CNPV*3617A**	PG95XA*42060B***	27,600	11.5	14.0
4739848	PA13NA030****B	CNPV*3617A**	PG95XA*48080B***	27,600	11.5	14.0
4340000	PA13NA030****B	CNPV*3617A**+TDR		27,200	10.8	13.0
4340097	PA13NA030****B	CNPV*3621A**	PG8*EA048090	27,200	11.5	14.0
4739849	PA13NA030****B	CNPV*3621A**	PG95XA*42060B***	27,600	11.5	14.0
4739850	PA13NA030****B	CNPV*3621A**	PG95XA*48080B***	27,800	11.5	14.0
4340001	PA13NA030****B	CNPV*3621A**+TDR		27,200	10.8	13.0
4340364	PA13NA030****B	CNPV*3717A**	PG8*EA048070	27,800	12.0	14.5
4739851	PA13NA030****B	CNPV*3717A**	PG95XA*42060B***	28,400	12.0	14.5
4739852	PA13NA030****B	CNPV*3717A**	PG95XA*48080B***	28,600	12.0	14.5
4340057	PA13NA030****B	CNPV*3717A**+TDR		27,800	11.0	13.0
4340102	PA13NA030****B	CSPH*3012A**	PG8*EA048070	27,200	11.5	13.5
4340103	PA13NA030****B	CSPH*3012A**	PG8*EA048090	27,200	11.5	13.5
4739859	PA13NA030****B	CSPH*3012A**	PG95XA*42060B***	27,600	11.5	14.0
4739860	PA13NA030****B	CSPH*3012A**	PG95XA*48080B***	27,800	11.5	14.0
4340005	PA13NA030****B	CSPH*3012A**+TDR		27,200	10.8	13.0
4340104	PA13NA030****B	CSPH*3612A**	PG8*EA048070	27,200	11.5	13.5
4340105	PA13NA030****B	CSPH*3612A**	PG8*EA048090	27,200	12.0	14.0
4739861	PA13NA030****B	CSPH*3612A**	PG95XA*42060B***	28,000	11.8	14.2
4739862	PA13NA030****B	CSPH*3612A**	PG95XA*48080B***	28,200	11.8	14.2

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AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
4340006	PA13NA030****B	CSPH*3612A**+TDR		27,200	10.8	13.0
4340110	PA13NA030****B	FF1ENP030		27,200	10.8	13.0
4340332	PA13NA030****B	FF1ENP031		27,200	11.5	13.5
4340111	PA13NA030****B	FF1ENP036		27,200	11.0	13.0
4340333	PA13NA030****B	FF1ENP037		27,200	11.5	13.5
4340106	PA13NA030****B	PF4MNA030		27,200	10.8	13.0
4340108	PA13NA030****B	PF4MNA031		27,200	11.5	13.5
4340107	PA13NA030****B	PF4MNA036		27,200	10.8	13.0
4340109	PA13NA030****B	PF4MNA037		27,200	11.0	13.5
4340400	PA13NA030****B	PF4MNB031		27,600	11.5	14.0
4340401	PA13NA030****B	PF4MNB037		27,800	12.0	14.5
4340402	PA13NA030****B	PF4MNB043		27,800	11.0	13.5
4340007	PA13NA036****B	†CAP**4821A**+TDR		34,000	11.0	13.0
4739863	PA13NA036****B	CAP**3617A**	PG95XA*42060B***	33,000	11.4	13.7
4739864	PA13NA036****B	CAP**3617A**	PG95XA*48080B***	33,000	11.4	13.7
4739869	PA13NA036****B	CAP**3619A**	PG95XA*42060B***	33,000	11.4	13.7
4739870	PA13NA036****B	CAP**3619A**	PG95XA*48080B***	33,000	11.4	13.7
4739865	PA13NA036****B	CAP**3621A**	PG95XA*42060B***	33,200	11.4	13.7
4739866	PA13NA036****B	CAP**3621A**	PG95XA*48080B***	33,200	11.5	14.0
4340112	PA13NA036****B	CAP**4221A**	PG8*EA048090	33,400	11.5	13.5
4340113	PA13NA036****B	CAP**4221A**	PG8*EA060110	33,400	11.5	13.5
4739867	PA13NA036****B	CAP**4221A**	PG95XA*42060B***	33,400	11.4	13.7
4739868	PA13NA036****B	CAP**4221A**	PG95XA*48080B***	33,400	11.5	14.0
4340114	PA13NA036****B	CAP**4224A**	PG8*EA060135	33,400	11.5	13.5
4340008	PA13NA036****B	CAP**4817A**+TDR		34,000	11.0	13.0
4340115	PA13NA036****B	CAP**4821A**	PG8*EA048090	34,000	11.5	13.5
4340116	PA13NA036****B	CAP**4821A**	PG8*EA060110	34,000	12.0	14.0
4340117	PA13NA036****B	CAP**4824A**	PG8*EA060135	34,000	12.0	14.0
4340009	PA13NA036****B	CAP**4824A**+TDR		34,000	11.0	13.0
4739881	PA13NA036****B	CNPH*3617A**	PG95XA*42060B***	33,000	11.4	13.7
4739882	PA13NA036****B	CNPH*3617A**	PG95XA*48080B***	33,000	11.4	13.7
4340123	PA13NA036****B	CNPH*4221A**	PG8*EA048090	33,400	11.5	13.5
4340124	PA13NA036****B	CNPH*4221A**	PG8*EA060110	33,400	11.5	13.5
4340125	PA13NA036****B	CNPH*4221A**	PG8*EA060135	33,400	11.5	13.5
4739883	PA13NA036****B	CNPH*4221A**	PG95XA*42060B***	33,400	11.4	13.7
4739884	PA13NA036****B	CNPH*4221A**	PG95XA*48080B***	33,400	11.5	14.0
4340016	PA13NA036****B	CNPH*4221A**+TDR		33,000	11.0	13.0
4340375	PA13NA036****B	CNPH*4321A**	PG8*EA024045	34,400	11.0	13.5
4340376	PA13NA036****B	CNPH*4321A**	PG8*EA048070	34,400	11.5	14.0
4340377	PA13NA036****B	CNPH*4321A**	PG8*EA048090	34,400	12.0	14.5
4340378	PA13NA036****B	CNPH*4321A**	PG8*EA060110	34,400	12.0	14.5
4739885	PA13NA036****B	CNPH*4321A**	PG95XA*42060B***	34,400	11.8	14.2
4739886	PA13NA036****B	CNPH*4321A**	PG95XA*48080B***	34,200	11.8	14.2
4340060	PA13NA036****B	CNPH*4321A**+TDR		34,400	11.0	13.0
4340126	PA13NA036****B	CNPH*4821A**	PG8*EA048090	34,000	11.5	13.5
4340127	PA13NA036****B	CNPH*4821A**	PG8*EA060110	34,000	12.0	14.0
4340128	PA13NA036****B	CNPH*4821A**	PG8*EA060135	34,000	12.0	14.0
4340012	PA13NA036****B	CNPH*4821A**+TDR		34,000	11.0	13.0
4739871	PA13NA036****B	CNPV*3617A**	PG95XA*42060B***	33,000	11.4	13.7
4739872	PA13NA036****B	CNPV*3617A**	PG95XA*48080B***	33,000	11.4	13.7
4739873	PA13NA036****B	CNPV*3621A**	PG95XA*42060B***	33,000	11.4	13.7
4739874	PA13NA036****B	CNPV*3621A**	PG95XA*48080B***	33,000	11.4	13.7
4340370	PA13NA036****B	CNPV*3717A**	PG8*EA048070	34,200	11.5	14.0
4739875	PA13NA036****B	CNPV*3717A**	PG95XA*42060B***	34,200	11.5	14.0
4739876	PA13NA036****B	CNPV*3717A**	PG95XA*48080B***	34,200	11.8	14.2
4340058	PA13NA036****B	CNPV*3717A**+TDR		34,200	11.0	13.0
4739877	PA13NA036****B	CNPV*4217A**	PG95XA*42060B***	33,600	11.4	13.7
4739878	PA13NA036****B	CNPV*4217A**	PG95XA*48080B***	33,600	11.5	14.0
4340049	PA13NA036****B	CNPV*4217A**+TDR		33,000	11.0	13.0
4340118	PA13NA036****B	CNPV*4221A**	PG8*EA048090	33,400	11.5	13.5
4340119	PA13NA036****B	CNPV*4221A**	PG8*EA060110	33,400	11.5	13.5
4739879	PA13NA036****B	CNPV*4221A**	PG95XA*42060B***	33,400	11.4	13.7
4739880	PA13NA036****B	CNPV*4221A**	PG95XA*48080B***	33,400	11.5	14.0
4340015	PA13NA036****B	CNPV*4221A**+TDR		33,000	11.0	13.0
4340059	PA13NA036****B	CNPV*4324A**+TDR		34,400	11.0	13.0
4340120	PA13NA036****B	CNPV*4821A**	PG8*EA048090	34,000	11.5	14.0
4340121	PA13NA036****B	CNPV*4821A**	PG8*EA060110	34,000	12.0	14.0
4340010	PA13NA036****B	CNPV*4821A**+TDR		34,000	11.0	13.0
4340122	PA13NA036****B	CNPV*4824A**	PG8*EA060135	34,000	12.0	14.0
4340011	PA13NA036****B	CNPV*4824A**+TDR		34,000	11.0	13.0
4739887	PA13NA036****B	CSPH*3612A**	PG95XA*42060B***	33,800	11.5	14.0
4739888	PA13NA036****B	CSPH*3612A**	PG95XA*48080B***	33,800	11.8	14.2
4340129	PA13NA036****B	CSPH*4212A**	PG8*EA048090	33,400	11.5	14.0
4340130	PA13NA036****B	CSPH*4212A**	PG8*EA060110	33,400	12.0	14.0
4340131	PA13NA036****B	CSPH*4212A**	PG8*EA060135	33,400	11.5	13.5
4739889	PA13NA036****B	CSPH*4212A**	PG95XA*42060B***	34,000	11.5	14.0
4739890	PA13NA036****B	CSPH*4212A**	PG95XA*48080B***	34,000	11.8	14.2
4340017	PA13NA036****B	CSPH*4212A**+TDR		33,000	11.0	13.0
4340132	PA13NA036****B	CSPH*4812A**	PG8*EA048090	34,000	12.0	14.0
4340133	PA13NA036****B	CSPH*4812A**	PG8*EA060110	34,000	12.0	14.0

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AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
4340134	PA13NA036****B	CSPH*4812A**	PG8*EA060135	34,000	12.0	14.0
4340014	PA13NA036****B	CSPH*4812A**+TDR		34,000	11.0	13.0
4340334	PA13NA036****B	FF1ENP037		33,000	11.5	13.5
4806518	PA13NA036****B	PF4MNA037		33,600	11.3	13.7
4340137	PA13NA036****B	PF4MNA042		33,000	10.9	13.0
4340138	PA13NA036****B	PF4MNA043		33,000	11.0	13.0
4340135	PA13NA036****B	PF4MNA048		34,000	11.0	13.0
4340136	PA13NA036****B	PF4MNA049		34,000	11.0	13.0
4340403	PA13NA036****B	PF4MNB037		34,400	11.5	14.0
4340404	PA13NA036****B	PF4MNB043		34,400	11.5	14.0
4340405	PA13NA036****B	PF4MNB049		35,000	12.0	14.5
4341573	PA13PA036****B	†CAP**4821A**+TDR		34,000	11.0	13.0
4341603	PA13PA036****B	CAP**4221A**	PG8*EA048090	33,400	11.5	13.5
4341604	PA13PA036****B	CAP**4221A**	PG8*EA060110	33,400	11.5	13.5
4341605	PA13PA036****B	CAP**4224A**	PG8*EA060135	33,400	11.5	13.5
4341574	PA13PA036****B	CAP**4817A**+TDR		34,000	11.0	13.0
4341606	PA13PA036****B	CAP**4821A**	PG8*EA048090	34,000	11.5	13.5
4341607	PA13PA036****B	CAP**4821A**	PG8*EA060110	34,000	12.0	14.0
4341608	PA13PA036****B	CAP**4824A**	PG8*EA060135	34,000	12.0	14.0
4341575	PA13PA036****B	CAP**4824A**+TDR		34,000	11.0	13.0
4341614	PA13PA036****B	CNPH*4221A**	PG8*EA048090	33,400	11.5	13.5
4341615	PA13PA036****B	CNPH*4221A**	PG8*EA060110	33,400	11.5	13.5
4341616	PA13PA036****B	CNPH*4221A**	PG8*EA060135	33,400	11.5	13.5
4341582	PA13PA036****B	CNPH*4221A**+TDR		33,000	11.0	13.0
4341617	PA13PA036****B	CNPH*4821A**	PG8*EA048090	34,000	11.5	13.5
4341618	PA13PA036****B	CNPH*4821A**	PG8*EA060110	34,000	12.0	14.0
4341619	PA13PA036****B	CNPH*4821A**	PG8*EA060135	34,000	12.0	14.0
4341578	PA13PA036****B	CNPH*4821A**+TDR		34,000	11.0	13.0
4341602	PA13PA036****B	CNPV*4217A**+TDR		33,000	11.0	13.0
4341609	PA13PA036****B	CNPV*4221A**	PG8*EA048090	33,400	11.5	13.5
4341610	PA13PA036****B	CNPV*4221A**	PG8*EA060110	33,400	11.5	13.5
4341581	PA13PA036****B	CNPV*4221A**+TDR		33,000	11.0	13.0
4341611	PA13PA036****B	CNPV*4821A**	PG8*EA048090	34,000	11.5	14.0
4341612	PA13PA036****B	CNPV*4821A**	PG8*EA060110	34,000	12.0	14.0
4341576	PA13PA036****B	CNPV*4821A**+TDR		34,000	11.0	13.0
4341613	PA13PA036****B	CNPV*4824A**	PG8*EA060135	34,000	12.0	14.0
4341577	PA13PA036****B	CNPV*4824A**+TDR		34,000	11.0	13.0
4341620	PA13PA036****B	CSPH*4212A**	PG8*EA048090	33,400	11.5	14.0
4341621	PA13PA036****B	CSPH*4212A**	PG8*EA060110	33,400	12.0	14.0
4341622	PA13PA036****B	CSPH*4212A**	PG8*EA060135	33,400	11.5	13.5
4341583	PA13PA036****B	CSPH*4212A**+TDR		33,000	11.0	13.0
4341623	PA13PA036****B	CSPH*4812A**	PG8*EA048090	34,000	12.0	14.0
4341624	PA13PA036****B	CSPH*4812A**	PG8*EA060110	34,000	12.0	14.0
4341625	PA13PA036****B	CSPH*4812A**	PG8*EA060135	34,000	12.0	14.0
4341580	PA13PA036****B	CSPH*4812A**+TDR		34,000	11.0	13.0
4341628	PA13PA036****B	PF4MNA042		33,000	10.9	13.0
4341629	PA13PA036****B	PF4MNA043		33,000	11.0	13.0
4341626	PA13PA036****B	PF4MNA048		34,000	11.0	13.0
4341627	PA13PA036****B	PF4MNA049		34,000	11.0	13.0
4340018	PA13NA042****B	†CAP**4221A**+TDR		39,500	11.0	13.0
4340139	PA13NA042****B	CAP**4221A**	PG8*EA048090	39,500	11.5	13.5
4340140	PA13NA042****B	CAP**4221A**	PG8*EA060110	39,500	11.5	13.5
4739891	PA13NA042****B	CAP**4221A**	PG95XA*42060B***	40,000	11.2	13.5
4739892	PA13NA042****B	CAP**4221A**	PG95XA*48080B***	40,000	11.2	13.5
5099916	PA13NA042****B	CAP**4221A**	PG95XA*60080C***	40,000	11.5	14.0
5099917	PA13NA042****B	CAP**4221A**	PG95XA*60100C***	40,000	11.7	14.0
4340141	PA13NA042****B	CAP**4224A**	PG8*EA060135	39,500	11.5	13.5
5099918	PA13NA042****B	CAP**4224A**	PG95XA*60080C***	40,000	11.5	13.7
5099919	PA13NA042****B	CAP**4224A**	PG95XA*60100C***	40,000	11.7	14.0
4739895	PA13NA042****B	CAP**4224A**	PG95XA*66120D***	40,500	11.5	14.0
4340019	PA13NA042****B	CAP**4224A**+TDR		39,500	11.0	13.0
4739896	PA13NA042****B	CAP**4817A**	PG95XA*42060B***	41,000	11.4	13.7
4739897	PA13NA042****B	CAP**4817A**	PG95XA*48080B***	41,000	11.4	13.7
4340020	PA13NA042****B	CAP**4817A**+TDR		40,000	11.0	13.0
4340142	PA13NA042****B	CAP**4821A**	PG8*EA048090	40,000	12.0	14.0
4340143	PA13NA042****B	CAP**4821A**	PG8*EA060110	40,000	12.0	14.0
4739898	PA13NA042****B	CAP**4821A**	PG95XA*42060B***	40,500	11.4	13.7
4739899	PA13NA042****B	CAP**4821A**	PG95XA*48080B***	40,500	11.4	13.7
5099920	PA13NA042****B	CAP**4821A**	PG95XA*60080C***	41,000	11.7	14.0
5099921	PA13NA042****B	CAP**4821A**	PG95XA*60100C***	40,500	11.7	14.0
4340021	PA13NA042****B	CAP**4821A**+TDR		40,000	11.0	13.0
5099924	PA13NA042****B	CAP**4823A**	PG95XA*60080C***	41,000	11.7	14.0
5099925	PA13NA042****B	CAP**4823A**	PG95XA*60100C***	40,500	11.7	14.0
4739904	PA13NA042****B	CAP**4823A**	PG95XA*66120D***	41,000	11.8	14.2
4340144	PA13NA042****B	CAP**4824A**	PG8*EA060135	40,000	12.0	14.0
5099922	PA13NA042****B	CAP**4824A**	PG95XA*60080C***	41,000	11.7	14.0
5099923	PA13NA042****B	CAP**4824A**	PG95XA*60100C***	40,500	11.7	14.0
4739902	PA13NA042****B	CAP**4824A**	PG95XA*66120D***	41,000	11.8	14.2
4340022	PA13NA042****B	CAP**4824A**+TDR		40,000	11.0	13.0

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AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
4340150	PA13NA042****B	CNPH*4221A**	PG8*EA048090	39,000	11.5	13.5
4340151	PA13NA042****B	CNPH*4221A**	PG8*EA060110	39,000	11.5	13.5
4340152	PA13NA042****B	CNPH*4221A**	PG8*EA060135	39,000	11.5	13.5
4739917	PA13NA042****B	CNPH*4221A**	PG95XA*42060B***	40,000	11.2	13.5
4739918	PA13NA042****B	CNPH*4221A**	PG95XA*48080B***	40,000	11.2	13.5
5099934	PA13NA042****B	CNPH*4221A**	PG95XA*60080C***	40,000	11.5	13.7
5099935	PA13NA042****B	CNPH*4221A**	PG95XA*60100C***	40,000	11.5	13.7
4739920	PA13NA042****B	CNPH*4221A**	PG95XA*66120D***	40,000	11.5	14.0
4340026	PA13NA042****B	CNPH*4221A**+TDR		39,500	11.0	13.0
4739921	PA13NA042****B	CNPH*4321A**	PG95XA*42060B***	41,000	11.4	13.7
4739922	PA13NA042****B	CNPH*4321A**	PG95XA*48080B***	41,500	11.5	14.0
5099936	PA13NA042****B	CNPH*4321A**	PG95XA*60080C***	41,500	11.7	14.0
5099937	PA13NA042****B	CNPH*4321A**	PG95XA*60100C***	41,500	12.0	14.5
4739924	PA13NA042****B	CNPH*4321A**	PG95XA*66120D***	41,500	11.8	14.2
4340153	PA13NA042****B	CNPH*4821A**	PG8*EA048090	40,000	12.0	14.0
4340154	PA13NA042****B	CNPH*4821A**	PG8*EA060110	40,000	12.0	14.5
4340155	PA13NA042****B	CNPH*4821A**	PG8*EA060135	40,000	12.0	14.0
4739925	PA13NA042****B	CNPH*4821A**	PG95XA*42060B***	40,500	11.4	13.7
4739926	PA13NA042****B	CNPH*4821A**	PG95XA*48080B***	41,000	11.4	13.7
5099938	PA13NA042****B	CNPH*4821A**	PG95XA*60080C***	41,000	11.7	14.0
5099939	PA13NA042****B	CNPH*4821A**	PG95XA*60100C***	41,000	12.0	14.0
4739928	PA13NA042****B	CNPH*4821A**	PG95XA*66120D***	41,000	11.8	14.2
4340027	PA13NA042****B	CNPH*4821A**+TDR		40,000	11.0	13.0
4739905	PA13NA042****B	CNPV*4217A**	PG95XA*42060B***	40,000	11.2	13.5
4739906	PA13NA042****B	CNPV*4217A**	PG95XA*48080B***	40,000	11.2	13.5
4340050	PA13NA042****B	CNPV*4217A**+TDR		39,000	11.0	13.0
4340145	PA13NA042****B	CNPV*4221A**	PG8*EA048090	39,000	11.5	13.5
4340146	PA13NA042****B	CNPV*4221A**	PG8*EA060110	39,000	11.5	13.5
4739907	PA13NA042****B	CNPV*4221A**	PG95XA*42060B***	40,000	11.2	13.5
4739908	PA13NA042****B	CNPV*4221A**	PG95XA*48080B***	40,000	11.2	13.5
5099926	PA13NA042****B	CNPV*4221A**	PG95XA*60080C***	40,000	11.5	13.7
5099927	PA13NA042****B	CNPV*4221A**	PG95XA*60100C***	40,000	11.5	13.7
4340023	PA13NA042****B	CNPV*4221A**+TDR		39,500	11.0	13.0
5099928	PA13NA042****B	CNPV*4324A**	PG95XA*60080C***	41,500	12.0	14.5
5099929	PA13NA042****B	CNPV*4324A**	PG95XA*60100C***	41,500	12.0	14.5
4739911	PA13NA042****B	CNPV*4324A**	PG95XA*66120D***	42,000	12.0	14.5
4340147	PA13NA042****B	CNPV*4821A**	PG8*EA048090	40,000	12.0	14.0
4340148	PA13NA042****B	CNPV*4821A**	PG8*EA060110	40,000	12.0	14.5
4739912	PA13NA042****B	CNPV*4821A**	PG95XA*42060B***	40,500	11.4	13.7
4739913	PA13NA042****B	CNPV*4821A**	PG95XA*48080B***	41,000	11.4	13.7
5099930	PA13NA042****B	CNPV*4821A**	PG95XA*60080C***	41,000	11.7	14.0
5099931	PA13NA042****B	CNPV*4821A**	PG95XA*60100C***	41,000	12.0	14.0
4340024	PA13NA042****B	CNPV*4821A**+TDR		40,000	11.0	13.0
4340149	PA13NA042****B	CNPV*4824A**	PG8*EA060135	40,000	12.0	14.0
5099932	PA13NA042****B	CNPV*4824A**	PG95XA*60080C***	41,000	11.7	14.0
5099933	PA13NA042****B	CNPV*4824A**	PG95XA*60100C***	41,000	11.7	14.0
4739916	PA13NA042****B	CNPV*4824A**	PG95XA*66120D***	41,000	11.8	14.2
4340025	PA13NA042****B	CNPV*4824A**+TDR		40,000	11.0	13.0
4340156	PA13NA042****B	CSPH*4212A**	PG8*EA048090	40,000	12.0	14.0
4340157	PA13NA042****B	CSPH*4212A**	PG8*EA060110	40,000	12.0	14.0
4340158	PA13NA042****B	CSPH*4212A**	PG8*EA060135	40,000	12.0	14.0
4739929	PA13NA042****B	CSPH*4212A**	PG95XA*42060B***	40,500	11.4	13.7
4739930	PA13NA042****B	CSPH*4212A**	PG95XA*48080B***	41,000	11.4	13.7
5099940	PA13NA042****B	CSPH*4212A**	PG95XA*60080C***	41,000	11.7	14.0
5099941	PA13NA042****B	CSPH*4212A**	PG95XA*60100C***	41,000	11.7	14.0
4739932	PA13NA042****B	CSPH*4212A**	PG95XA*66120D***	41,000	11.8	14.2
4340029	PA13NA042****B	CSPH*4212A**+TDR		40,000	11.0	13.0
4340159	PA13NA042****B	CSPH*4812A**	PG8*EA048090	40,000	12.0	14.0
4340160	PA13NA042****B	CSPH*4812A**	PG8*EA060110	40,000	12.0	14.5
4340161	PA13NA042****B	CSPH*4812A**	PG8*EA060135	40,000	12.0	14.0
4739933	PA13NA042****B	CSPH*4812A**	PG95XA*42060B***	41,000	11.4	13.7
4739934	PA13NA042****B	CSPH*4812A**	PG95XA*48080B***	41,000	11.4	13.7
5099942	PA13NA042****B	CSPH*4812A**	PG95XA*60080C***	41,500	11.7	14.0
5099943	PA13NA042****B	CSPH*4812A**	PG95XA*60100C***	41,000	12.0	14.0
4739936	PA13NA042****B	CSPH*4812A**	PG95XA*66120D***	41,500	11.8	14.2
4340030	PA13NA042****B	CSPH*4812A**+TDR		40,000	11.0	13.0
4340162	PA13NA042****B	PF4MNA042		39,500	11.0	13.0
4340164	PA13NA042****B	PF4MNA043		39,500	11.5	13.5
4340163	PA13NA042****B	PF4MNA048		40,000	11.0	13.0
4340165	PA13NA042****B	PF4MNA049		40,000	12.0	14.0
4340406	PA13NA042****B	PF4MNB043		41,000	11.5	14.0
4340407	PA13NA042****B	PF4MNB049		41,500	12.0	14.5
4340408	PA13NA042****B	PF4MNB061		42,000	12.5	14.5
5091146	PA13NA048****D	†CAP**4821A**+TDR		46,000	11.0	13.0
5091148	PA13NA048****D	CAP**4817A**	PG95XA*48080B***	45,000	11.0	13.3
5091147	PA13NA048****D	CAP**4817A**+TDR		46,000	11.0	13.0
5091150	PA13NA048****D	CAP**4821A**	PG8*EA048090	45,000	11.0	13.5
5091151	PA13NA048****D	CAP**4821A**	PG8*EA060110	45,000	11.5	14.0
5091233	PA13NA048****D	CAP**4821A**	PG95XA*60080C***	45,000	11.3	13.7
5091234	PA13NA048****D	CAP**4821A**	PG95XA*60100C***	45,000	11.5	13.7

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AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
5091227	PA13NA048****D	CAP**4823A**	PG95XA*66120D***	45,000	11.5	13.7
5091162	PA13NA048****D	CAP**4823A**+TDR		46,000	11.0	13.0
5091154	PA13NA048****D	CAP**4824A**	PG8*EA060135	45,000	11.5	14.0
5091153	PA13NA048****D	CAP**4824A**	PG95XA*66120D***	45,000	11.5	13.7
5091152	PA13NA048****D	CAP**4824A**+TDR		46,000	11.0	13.0
5091157	PA13NA048****D	CAP**6021A**	PG8*EA048090	46,000	11.5	14.0
5091158	PA13NA048****D	CAP**6021A**	PG8*EA060110	46,000	12.0	14.0
5091235	PA13NA048****D	CAP**6021A**	PG95XA*60080C***	46,000	11.7	14.0
5091236	PA13NA048****D	CAP**6021A**	PG95XA*60100C***	46,000	11.7	14.0
5091155	PA13NA048****D	CAP**6021A**+TDR		46,500	11.0	13.0
5091161	PA13NA048****D	CAP**6024A**	PG8*EA060135	46,000	11.5	14.0
5091160	PA13NA048****D	CAP**6024A**	PG95XA*66120D***	46,000	11.5	14.0
5091159	PA13NA048****D	CAP**6024A**+TDR		46,500	11.0	13.0
5091165	PA13NA048****D	CAP**6025A**	PG8*EA060135	46,000	11.5	14.0
5091164	PA13NA048****D	CAP**6025A**	PG95XA*66120D***	46,000	11.5	14.0
5091163	PA13NA048****D	CAP**6025A**+TDR		46,500	11.0	13.0
5091183	PA13NA048****D	CNPH*4821A**	PG8*EA048090	45,500	11.5	13.5
5091184	PA13NA048****D	CNPH*4821A**	PG8*EA060110	45,500	11.5	14.0
5091185	PA13NA048****D	CNPH*4821A**	PG8*EA060135	45,500	11.5	14.0
5091180	PA13NA048****D	CNPH*4821A**	PG95XA*48080B***	45,000	11.0	13.0
5091239	PA13NA048****D	CNPH*4821A**	PG95XA*60080C***	45,500	11.5	13.7
5091240	PA13NA048****D	CNPH*4821A**	PG95XA*60100C***	45,500	11.5	13.7
5091182	PA13NA048****D	CNPH*4821A**	PG95XA*66120D***	45,500	11.5	13.7
5091179	PA13NA048****D	CNPH*4821A**+TDR		46,000	11.0	13.0
5091191	PA13NA048****D	CNPH*6024A**	PG8*EA048070	45,500	11.0	13.0
5091192	PA13NA048****D	CNPH*6024A**	PG8*EA048090	46,000	11.5	14.0
5091193	PA13NA048****D	CNPH*6024A**	PG8*EA060110	46,000	12.0	14.5
5091194	PA13NA048****D	CNPH*6024A**	PG8*EA060135	46,000	11.5	14.0
5091188	PA13NA048****D	CNPH*6024A**	PG95XA*48080B***	45,500	11.0	13.5
5091190	PA13NA048****D	CNPH*6024A**	PG95XA*66120D***	46,000	11.5	14.0
5091187	PA13NA048****D	CNPH*6024A**+TDR		46,500	11.0	13.0
5091199	PA13NA048****D	CNPH*6124A**	PG8*EA048070	46,000	11.0	13.0
5091200	PA13NA048****D	CNPH*6124A**	PG8*EA048090	46,500	11.5	14.0
5091201	PA13NA048****D	CNPH*6124A**	PG8*EA060110	46,500	12.0	14.5
5091202	PA13NA048****D	CNPH*6124A**	PG8*EA060135	46,500	11.5	14.0
5091196	PA13NA048****D	CNPH*6124A**	PG95XA*48080B***	46,000	11.3	13.5
5091198	PA13NA048****D	CNPH*6124A**	PG95XA*66120D***	46,500	11.5	14.0
5091195	PA13NA048****D	CNPH*6124A**+TDR		46,500	11.0	13.5
5091168	PA13NA048****D	CNPV*4821A**	PG8*EA048090	45,500	11.5	13.5
5091169	PA13NA048****D	CNPV*4821A**	PG8*EA060110	45,500	11.5	14.0
5091229	PA13NA048****D	CNPV*4821A**	PG95XA*48080B***	45,000	11.0	13.0
5091237	PA13NA048****D	CNPV*4821A**	PG95XA*60080C***	45,500	11.5	13.7
5091238	PA13NA048****D	CNPV*4821A**	PG95XA*60100C***	45,500	11.5	13.7
5091166	PA13NA048****D	CNPV*4821A**+TDR		46,000	11.0	13.0
5091172	PA13NA048****D	CNPV*4824A**	PG8*EA060135	45,500	11.5	14.0
5091171	PA13NA048****D	CNPV*4824A**	PG95XA*66120D***	45,500	11.5	13.7
5091170	PA13NA048****D	CNPV*4824A**+TDR		46,000	11.0	13.0
5091175	PA13NA048****D	CNPV*6024A**	PG8*EA060135	46,000	11.5	14.0
5091174	PA13NA048****D	CNPV*6024A**	PG95XA*66120D***	46,000	11.5	14.0
5091173	PA13NA048****D	CNPV*6024A**+TDR		46,500	11.0	13.0
5091178	PA13NA048****D	CNPV*6124A**	PG8*EA060135	47,000	12.0	14.5
5091177	PA13NA048****D	CNPV*6124A**	PG95XA*66120D***	47,000	12.0	14.5
5091176	PA13NA048****D	CNPV*6124A**+TDR		47,000	11.0	13.5
5091207	PA13NA048****D	CSPH*4812A**	PG8*EA048090	45,500	11.5	14.0
5091208	PA13NA048****D	CSPH*4812A**	PG8*EA060110	45,500	11.5	14.0
5091209	PA13NA048****D	CSPH*4812A**	PG8*EA060135	45,500	11.5	14.0
5091204	PA13NA048****D	CSPH*4812A**	PG95XA*48080B***	45,000	11.2	13.2
5091241	PA13NA048****D	CSPH*4812A**	PG95XA*60080C***	45,500	11.5	13.7
5091242	PA13NA048****D	CSPH*4812A**	PG95XA*60100C***	45,500	11.5	13.7
5091206	PA13NA048****D	CSPH*4812A**	PG95XA*66120D***	45,500	11.5	13.7
5091203	PA13NA048****D	CSPH*4812A**+TDR		46,000	11.0	13.0
5091214	PA13NA048****D	CSPH*6012A**	PG8*EA048070	46,000	11.0	13.2
5091215	PA13NA048****D	CSPH*6012A**	PG8*EA048090	46,500	11.5	14.0
5091216	PA13NA048****D	CSPH*6012A**	PG8*EA060110	46,500	12.0	14.5
5091217	PA13NA048****D	CSPH*6012A**	PG8*EA060135	46,500	11.5	14.0
5091211	PA13NA048****D	CSPH*6012A**	PG95XA*48080B***	46,000	11.2	13.5
5091243	PA13NA048****D	CSPH*6012A**	PG95XA*60080C***	46,500	11.7	14.0
5091244	PA13NA048****D	CSPH*6012A**	PG95XA*60100C***	46,500	11.7	14.0
5091213	PA13NA048****D	CSPH*6012A**	PG95XA*66120D***	46,500	11.5	14.0
5091210	PA13NA048****D	CSPH*6012A**+TDR		47,000	11.0	13.0
5091221	PA13NA048****D	PF4MNA048		46,000	11.0	13.0
5091222	PA13NA048****D	PF4MNA049		46,500	11.5	14.0
5091218	PA13NA048****D	PF4MNA060		46,500	11.0	13.0
5091223	PA13NA048****D	PF4MNA061		47,500	11.5	14.0
5091219	PA13NA048****D	PF4MNB049		46,500	11.5	14.0
5091220	PA13NA048****D	PF4MNB061		47,500	12.0	14.5
5091048	PA13PA048****D	†CAP**4821A**+TDR		46,000	11.0	13.0
5091050	PA13PA048****D	CAP**4817A**	PG95XA*48080B***	45,000	11.0	13.3
5091049	PA13PA048****D	CAP**4817A**+TDR		46,000	11.0	13.0
5091052	PA13PA048****D	CAP**4821A**	PG8*EA048090	45,000	11.0	13.5

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PA13NA / PA13PA

RATINGS AND PERFORMANCE CONTINUED

AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
5091053	PA13PA048****D	CAP**4821A**	PG8*EA060110	45,000	11.5	14.0
5091134	PA13PA048****D	CAP**4821A**	PG95XA*60080C***	45,000	11.3	13.7
5091135	PA13PA048****D	CAP**4821A**	PG95XA*60100C***	45,000	11.5	13.7
5091128	PA13PA048****D	CAP**4823A**	PG95XA*66120D***	45,000	11.5	13.7
5091064	PA13PA048****D	CAP**4823A**+TDR		46,000	11.0	13.0
5091056	PA13PA048****D	CAP**4824A**	PG8*EA060135	45,000	11.5	14.0
5091055	PA13PA048****D	CAP**4824A**	PG95XA*66120D***	45,000	11.5	13.7
5091054	PA13PA048****D	CAP**4824A**+TDR		46,000	11.0	13.0
5091059	PA13PA048****D	CAP**6021A**	PG8*EA048090	46,000	11.5	14.0
5091060	PA13PA048****D	CAP**6021A**	PG8*EA060110	46,000	12.0	14.0
5091136	PA13PA048****D	CAP**6021A**	PG95XA*60080C***	46,000	11.7	14.0
5091137	PA13PA048****D	CAP**6021A**	PG95XA*60100C***	46,000	11.7	14.0
5091057	PA13PA048****D	CAP**6021A**+TDR		46,500	11.0	13.0
5091063	PA13PA048****D	CAP**6024A**	PG8*EA060135	46,000	11.5	14.0
5091062	PA13PA048****D	CAP**6024A**	PG95XA*66120D***	46,000	11.5	14.0
5091061	PA13PA048****D	CAP**6024A**+TDR		46,500	11.0	13.0
5091067	PA13PA048****D	CAP**6025A**	PG8*EA060135	46,000	11.5	14.0
5091066	PA13PA048****D	CAP**6025A**	PG95XA*66120D***	46,000	11.5	14.0
5091065	PA13PA048****D	CAP**6025A**+TDR		46,500	11.0	13.0
5091085	PA13PA048****D	CNPH*4821A**	PG8*EA048090	45,500	11.5	13.5
5091086	PA13PA048****D	CNPH*4821A**	PG8*EA060110	45,500	11.5	14.0
5091087	PA13PA048****D	CNPH*4821A**	PG8*EA060135	45,500	11.5	14.0
5091082	PA13PA048****D	CNPH*4821A**	PG95XA*48080B***	45,000	11.0	13.0
5091140	PA13PA048****D	CNPH*4821A**	PG95XA*60080C***	45,500	11.5	13.7
5091141	PA13PA048****D	CNPH*4821A**	PG95XA*60100C***	45,500	11.5	13.7
5091084	PA13PA048****D	CNPH*4821A**	PG95XA*66120D***	45,500	11.5	13.7
5091081	PA13PA048****D	CNPH*4821A**+TDR		46,000	11.0	13.0
5091092	PA13PA048****D	CNPH*6024A**	PG8*EA048070	45,500	11.0	13.0
5091093	PA13PA048****D	CNPH*6024A**	PG8*EA048090	46,000	11.5	14.0
5091094	PA13PA048****D	CNPH*6024A**	PG8*EA060110	46,000	12.0	14.5
5091095	PA13PA048****D	CNPH*6024A**	PG8*EA060135	46,000	11.5	14.0
5091089	PA13PA048****D	CNPH*6024A**	PG95XA*48080B***	45,500	11.0	13.5
5091091	PA13PA048****D	CNPH*6024A**	PG95XA*66120D***	46,000	11.5	14.0
5091088	PA13PA048****D	CNPH*6024A**+TDR		46,500	11.0	13.0
5091100	PA13PA048****D	CNPH*6124A**	PG8*EA048070	46,000	11.0	13.0
5091101	PA13PA048****D	CNPH*6124A**	PG8*EA048090	46,500	11.5	14.0
5091102	PA13PA048****D	CNPH*6124A**	PG8*EA060110	46,500	12.0	14.5
5091103	PA13PA048****D	CNPH*6124A**	PG8*EA060135	46,500	11.5	14.0
5091097	PA13PA048****D	CNPH*6124A**	PG95XA*48080B***	46,000	11.3	13.5
5091099	PA13PA048****D	CNPH*6124A**	PG95XA*66120D***	46,500	11.5	14.0
5091096	PA13PA048****D	CNPH*6124A**+TDR		46,500	11.0	13.5
5091070	PA13PA048****D	CNPV*4821A**	PG8*EA048090	45,500	11.5	13.5
5091071	PA13PA048****D	CNPV*4821A**	PG8*EA060110	45,500	11.5	14.0
5091130	PA13PA048****D	CNPV*4821A**	PG95XA*48080B***	45,000	11.0	13.0
5091138	PA13PA048****D	CNPV*4821A**	PG95XA*60080C***	45,500	11.5	13.7
5091139	PA13PA048****D	CNPV*4821A**	PG95XA*60100C***	45,500	11.5	13.7
5091068	PA13PA048****D	CNPV*4821A**+TDR		46,000	11.0	13.0
5091074	PA13PA048****D	CNPV*4824A**	PG8*EA060135	45,500	11.5	14.0
5091073	PA13PA048****D	CNPV*4824A**	PG95XA*66120D***	45,500	11.5	13.7
5091072	PA13PA048****D	CNPV*4824A**+TDR		46,000	11.0	13.0
5091077	PA13PA048****D	CNPV*6024A**	PG8*EA060135	46,000	11.5	14.0
5091076	PA13PA048****D	CNPV*6024A**	PG95XA*66120D***	46,000	11.5	14.0
5091075	PA13PA048****D	CNPV*6024A**+TDR		46,500	11.0	13.0
5091080	PA13PA048****D	CNPV*6124A**	PG8*EA060135	47,000	12.0	14.5
5091079	PA13PA048****D	CNPV*6124A**	PG95XA*66120D***	47,000	12.0	14.5
5091078	PA13PA048****D	CNPV*6124A**+TDR		47,000	11.0	13.5
5091108	PA13PA048****D	CSPH*4812A**	PG8*EA048090	45,500	11.5	14.0
5091109	PA13PA048****D	CSPH*4812A**	PG8*EA060110	45,500	11.5	14.0
5091110	PA13PA048****D	CSPH*4812A**	PG8*EA060135	45,500	11.5	14.0
5091105	PA13PA048****D	CSPH*4812A**	PG95XA*48080B***	45,000	11.2	13.2
5091142	PA13PA048****D	CSPH*4812A**	PG95XA*60080C***	45,500	11.5	13.7
5091143	PA13PA048****D	CSPH*4812A**	PG95XA*60100C***	45,500	11.5	13.7
5091107	PA13PA048****D	CSPH*4812A**	PG95XA*66120D***	45,500	11.5	13.7
5091104	PA13PA048****D	CSPH*4812A**+TDR		46,000	11.0	13.0
5091115	PA13PA048****D	CSPH*6012A**	PG8*EA048070	46,000	11.0	13.2
5091116	PA13PA048****D	CSPH*6012A**	PG8*EA048090	46,500	11.5	14.0
5091117	PA13PA048****D	CSPH*6012A**	PG8*EA060110	46,500	12.0	14.5
5091118	PA13PA048****D	CSPH*6012A**	PG8*EA060135	46,500	11.5	14.0
5091112	PA13PA048****D	CSPH*6012A**	PG95XA*48080B***	46,000	11.2	13.5
5091144	PA13PA048****D	CSPH*6012A**	PG95XA*60080C***	46,500	11.7	14.0
5091145	PA13PA048****D	CSPH*6012A**	PG95XA*60100C***	46,500	11.7	14.0
5091114	PA13PA048****D	CSPH*6012A**	PG95XA*66120D***	46,500	11.5	14.0
5091111	PA13PA048****D	CSPH*6012A**+TDR		47,000	11.0	13.0
5091122	PA13PA048****D	PF4MNA048		46,000	11.0	13.0
5091123	PA13PA048****D	PF4MNA049		46,500	11.5	14.0
5091119	PA13PA048****D	PF4MNA060		46,500	11.0	13.0
5091124	PA13PA048****D	PF4MNA061		47,500	11.5	14.0
5091120	PA13PA048****D	PF4MNB049		46,500	11.5	14.0
5091121	PA13PA048****D	PF4MNB061		47,500	12.0	14.5

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RATINGS AND PERFORMANCE CONTINUED

AHRI Ref. Number	Model Number	Indoor Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER
4340044	PA13NA060****B	†CAP**6024A**+TDR		57,000	11.0	13.0
4340192	PA13NA060****B	CAP**6021A**	PG8*EA060110	56,000	11.5	13.5
5099974	PA13NA060****B	CAP**6021A**	PG95XA*60080C***	56,500	11.2	13.5
4340045	PA13NA060****B	CAP**6021A**+TDR		56,000	11.0	13.0
4340193	PA13NA060****B	CAP**6024A**	PG8*EA060135	56,000	11.5	13.5
5099975	PA13NA060****B	CAP**6024A**	PG95XA*60080C***	56,500	11.2	13.2
5099976	PA13NA060****B	CAP**6024A**	PG95XA*60100C***	56,500	11.0	13.2
4739968	PA13NA060****B	CAP**6024A**	PG95XA*66120D***	56,500	11.4	13.7
4340386	PA13NA060****B	CAP**6025A**	PG8*EA060135	56,500	11.0	13.2
5099977	PA13NA060****B	CAP**6025A**	PG95XA*60080C***	56,500	11.2	13.2
5099978	PA13NA060****B	CAP**6025A**	PG95XA*60100C***	56,500	11.0	13.2
4739969	PA13NA060****B	CAP**6025A**	PG95XA*66120D***	56,500	11.4	13.7
4340061	PA13NA060****B	CAP**6025A**+TDR		57,000	11.0	13.0
4340195	PA13NA060****B	CNPH*6024A**	PG8*EA060110	56,000	11.5	13.5
4340196	PA13NA060****B	CNPH*6024A**	PG8*EA060135	56,000	11.0	13.5
5099983	PA13NA060****B	CNPH*6024A**	PG95XA*60080C***	56,000	11.2	13.5
5099984	PA13NA060****B	CNPH*6024A**	PG95XA*60100C***	56,500	11.0	13.2
4739974	PA13NA060****B	CNPH*6024A**	PG95XA*66120D***	56,500	11.4	13.7
4340047	PA13NA060****B	CNPH*6024A**+TDR		57,000	11.0	13.0
4340389	PA13NA060****B	CNPH*6124A**	PG8*EA060110	56,500	11.0	13.5
4340390	PA13NA060****B	CNPH*6124A**	PG8*EA060135	56,500	11.0	13.2
5099985	PA13NA060****B	CNPH*6124A**	PG95XA*60080C***	56,500	11.2	13.5
4739975	PA13NA060****B	CNPH*6124A**	PG95XA*66120D***	56,500	11.4	13.7
4340063	PA13NA060****B	CNPH*6124A**+TDR		57,000	11.0	13.0
4340194	PA13NA060****B	CNPV*6024A**	PG8*EA060135	56,000	11.0	13.5
5099979	PA13NA060****B	CNPV*6024A**	PG95XA*60080C***	56,000	11.2	13.2
5099980	PA13NA060****B	CNPV*6024A**	PG95XA*60100C***	56,500	11.0	13.2
4739970	PA13NA060****B	CNPV*6024A**	PG95XA*66120D***	56,500	11.4	13.7
4340046	PA13NA060****B	CNPV*6024A**+TDR		57,000	11.0	13.0
4340387	PA13NA060****B	CNPV*6124A**	PG8*EA060135	56,500	11.0	13.5
5099981	PA13NA060****B	CNPV*6124A**	PG95XA*60080C***	57,000	11.3	13.5
5099982	PA13NA060****B	CNPV*6124A**	PG95XA*60100C***	57,500	11.2	13.5
4739972	PA13NA060****B	CNPV*6124A**	PG95XA*66120D***	57,000	11.4	13.7
4340062	PA13NA060****B	CNPV*6124A**+TDR		57,000	11.0	13.0
4340197	PA13NA060****B	CSPH*6012A**	PG8*EA048090	56,000	11.0	13.5
4340198	PA13NA060****B	CSPH*6012A**	PG8*EA060110	56,000	11.5	13.5
4340199	PA13NA060****B	CSPH*6012A**	PG8*EA060135	56,000	11.5	13.5
5099986	PA13NA060****B	CSPH*6012A**	PG95XA*60080C***	56,500	11.2	13.5
5099987	PA13NA060****B	CSPH*6012A**	PG95XA*60100C***	57,000	11.2	13.5
4739977	PA13NA060****B	CSPH*6012A**	PG95XA*66120D***	57,000	11.4	13.7
4340048	PA13NA060****B	CSPH*6012A**+TDR		57,000	11.0	13.0
4340200	PA13NA060****B	PF4MNA060		57,000	10.8	13.0
4340201	PA13NA060****B	PF4MNA061		57,000	11.5	13.5
4340411	PA13NA060****B	PF4MNB061		58,000	11.0	13.5
4341597	PA13PA060****B	†CAP**6024A**+TDR		57,000	11.0	13.0
4341656	PA13PA060****B	CAP**6021A**	PG8*EA060110	56,000	11.5	13.5
5155532	PA13PA060****B	CAP**6021A**	PG95XA*60080C***	56,500	11.2	13.5
4341598	PA13PA060****B	CAP**6021A**+TDR		56,000	11.0	13.0
4341657	PA13PA060****B	CAP**6024A**	PG8*EA060135	56,000	11.5	13.5
5155533	PA13PA060****B	CAP**6024A**	PG95XA*60080C***	56,500	11.2	13.2
5155534	PA13PA060****B	CAP**6024A**	PG95XA*60100C***	56,500	11.0	13.2
5155535	PA13PA060****B	CAP**6025A**	PG95XA*60080C***	56,500	11.2	13.2
5155536	PA13PA060****B	CAP**6025A**	PG95XA*60100C***	56,500	11.0	13.2
4341659	PA13PA060****B	CNPH*6024A**	PG8*EA060110	56,000	11.5	13.5
4341660	PA13PA060****B	CNPH*6024A**	PG8*EA060135	56,000	11.0	13.5
5155541	PA13PA060****B	CNPH*6024A**	PG95XA*60080C***	56,000	11.2	13.5
5155542	PA13PA060****B	CNPH*6024A**	PG95XA*60100C***	56,500	11.0	13.2
4341600	PA13PA060****B	CNPH*6024A**+TDR		57,000	11.0	13.0
5155543	PA13PA060****B	CNPH*6124A**	PG95XA*60080C***	56,500	11.2	13.5
4341658	PA13PA060****B	CNPV*6024A**	PG8*EA060135	56,000	11.0	13.5
5155537	PA13PA060****B	CNPV*6024A**	PG95XA*60080C***	56,000	11.2	13.2
5155538	PA13PA060****B	CNPV*6024A**	PG95XA*60100C***	56,500	11.0	13.2
4341599	PA13PA060****B	CNPV*6024A**+TDR		57,000	11.0	13.0
5155539	PA13PA060****B	CNPV*6124A**	PG95XA*60080C***	57,000	11.3	13.5
5155540	PA13PA060****B	CNPV*6124A**	PG95XA*60100C***	57,500	11.2	13.5
4341661	PA13PA060****B	CSPH*6012A**	PG8*EA048090	56,000	11.0	13.5
4341662	PA13PA060****B	CSPH*6012A**	PG8*EA060110	56,000	11.5	13.5
4341663	PA13PA060****B	CSPH*6012A**	PG8*EA060135	56,000	11.5	13.5
5155544	PA13PA060****B	CSPH*6012A**	PG95XA*60080C***	56,500	11.2	13.5
5155545	PA13PA060****B	CSPH*6012A**	PG95XA*60100C***	57,000	11.2	13.5
4341601	PA13PA060****B	CSPH*6012A**+TDR		57,000	11.0	13.0
4341664	PA13PA060****B	PF4MNA060		57,000	10.8	13.0
4341665	PA13PA060****B	PF4MNA061		57,000	11.5	13.5

† Tested combination

EER — Energy Efficiency Ratio

SEER — Seasonal Energy Efficiency Ratio

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

NOTES:

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

DETAILED COOLING CAPACITIES#

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																	
CFM	EWB ° F (° C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)									
		Capacity MBtuh Total	Sens†	Total Sys- tem KW**	Capacity MBtuh Total	Sens†	Total Sys- tem KW**	Capacity MBtuh Total	Sens†	Total Sys- tem KW**	Capacity MBtuh Total	Sens†	Total Sys- tem KW**						
PA13NA018(G)–B Outdoor Section With CAPVP1814 Indoor Section																			
525	72 (22.2)	20.35	10.09	1.18	19.43	9.75	1.35	1.35	18.46	9.40	1.54	1.54	17.51	9.07	1.75	1.75	16.49	8.72	1.98
	67 (19.4)	18.72	12.43	1.19	17.86	12.08	1.37	1.37	16.95	11.72	1.55	1.55	16.04	11.37	1.77	1.77	15.07	11.00	2.00
	62 (16.7)	17.21	14.74	1.21	16.41	14.38	1.38	1.38	15.59	14.00	1.57	1.57	14.75	13.61	1.78	1.78	13.92	13.92	2.02
	57 (13.9)	16.70	16.70	1.22	16.05	16.05	1.38	1.38	15.37	15.37	1.57	1.57	14.67	14.67	1.78	1.78	13.92	13.92	2.02
	72 (22.2)	20.73	10.59	1.20	19.69	10.22	1.37	1.37	18.69	9.87	1.56	1.56	17.72	9.54	1.77	1.77	16.67	9.18	2.00
600	67 (19.4)	19.03	13.21	1.22	18.14	12.86	1.39	1.39	17.20	12.50	1.58	1.58	16.27	12.15	1.79	1.79	15.27	11.77	2.02
	62 (16.7)	17.59	15.82	1.23	16.78	15.44	1.40	1.40	15.95	15.95	1.59	1.59	15.23	15.23	1.80	1.80	14.44	14.44	2.04
	57 (13.9)	17.38	17.38	1.24	16.69	16.69	1.40	1.40	15.97	15.97	1.59	1.59	15.23	15.23	1.80	1.80	14.44	14.44	2.04
	72 (22.2)	21.01	11.06	1.22	19.88	10.67	1.39	1.39	18.85	10.32	1.58	1.58	17.86	9.98	1.80	1.80	16.79	9.62	2.03
	67 (19.4)	19.25	13.95	1.24	18.34	13.61	1.41	1.41	17.38	13.24	1.60	1.60	16.43	12.88	1.81	1.81	15.41	12.50	2.05
675	62 (16.7)	17.94	17.79	1.26	17.20	17.20	1.43	1.43	16.44	16.44	1.61	1.61	15.67	15.67	1.82	1.82	14.84	14.84	2.06
	57 (13.9)	17.92	17.92	1.26	17.20	17.20	1.43	1.43	16.44	16.44	1.61	1.61	15.67	15.67	1.82	1.82	14.84	14.84	2.06

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**1814A**	1.00	1.00	
CAP**2414A**	1.00	0.99	
CAP**2417A**	1.00	1.00	
CAP**3619A**	1.02	1.01	
CNPF*2418A**	1.00	0.99	
CNPH*2417A**	1.00	0.99	
CNPV*1814A**	1.00	1.00	
CNPV*1917A**	1.05	1.04	
CNPV*2414A**	1.00	1.00	
CNPV*2417A**	1.00	0.99	
CSPH*2412A**	1.00	0.99	
FF1ENP018	1.00	1.00	
FF1ENP019	1.00	0.91	
FF1ENP024	1.00	1.00	
FF1ENP025	1.00	0.89	
FF1ENP031	1.03	0.98	
FF1ENP037	1.03	0.98	
PF4MNA018	1.00	1.00	
PF4MNA019	1.00	0.91	
PF4MNA024	1.00	1.00	
PF4MNA025	1.00	0.91	
PF4MNB019	1.02	0.93	
PF4MNB025	1.02	0.93	
PF4MNB031	1.02	0.93	
CAP**1814A**	1.00	0.91	PG8*EA024045
CAP**2414A**	1.00	0.91	PG8*EA024045
CNPH*2417A**	1.00	0.91	PG8*EA024045
CNPV*1814A**	1.00	0.91	PG8*EA024045
CNPV*2414A**	1.00	0.91	PG8*EA024045
CSPH*2412A**	1.00	0.91	PG8*EA024045
CAP**1814A**	1.01	0.94	PG95XA*30040A***
CAP**2414A**	1.03	0.94	PG95XA*30040A***
CAP**2417A**	1.03	0.94	PG95XA*30040A***
CNPH*2417A**	1.03	0.95	PG95XA*30040A***
CNPV*1814A**	1.02	0.94	PG95XA*30040A***
CNPV*1917A**	1.04	0.95	PG95XA*30040A***
CNPV*2414A**	1.03	0.95	PG95XA*30040A***
CNPV*2417A**	1.03	0.95	PG95XA*30040A***

See notes on pg. 27

DETAILED COOLING CAPACITIES# (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)														
CFM	EWB ° F (° C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)						
		Capacity MBtuh Total	Sens†	Total Sys-tem KW**	Capacity MBtuh Total	Sens†	Total Sys-tem KW**	Capacity MBtuh Total	Sens†	Total Sys-tem KW**	Capacity MBtuh Total	Sens†				
PA13NA024(G) – B Outdoor Section With CAPVP2414 Indoor Section																
700	72 (22.2)	27.06	13.28	1.64	25.82	12.84	1.84	24.64	12.43	2.06	23.44	12.02	2.30	22.11	11.56	2.57
	67 (19.4)	24.87	16.41	1.64	23.82	16.00	1.84	22.70	15.57	2.05	21.55	15.13	2.30	20.29	14.66	2.57
	62 (16.7)	22.98	19.55	1.63	22.00	19.12	1.83	20.97	18.66	2.05	19.91	18.18	2.30	18.87	18.87	2.57
	57 (13.9)	22.41	22.41	1.63	21.61	21.61	1.83	20.75	20.75	2.05	19.85	19.85	2.30	18.87	18.87	2.57
	72 (22.2)	27.49	13.93	1.68	26.14	13.46	1.88	24.93	13.05	2.10	23.69	12.64	2.34	22.33	12.18	2.60
800	67 (19.4)	25.24	17.44	1.68	24.15	17.03	1.87	23.00	16.80	2.09	21.83	16.16	2.33	20.54	15.69	2.60
	62 (16.7)	23.44	20.97	1.67	22.46	20.51	1.87	21.49	21.49	2.09	20.55	20.55	2.33	19.52	19.52	2.60
	57 (13.9)	23.25	23.25	1.67	22.40	22.40	1.87	21.49	21.49	2.09	20.55	20.55	2.33	19.52	19.52	2.60
	72 (22.2)	27.76	14.53	1.72	26.38	14.07	1.91	25.12	13.65	2.13	23.86	13.23	2.38	22.46	12.77	2.64
	67 (19.4)	25.50	18.44	1.71	24.39	18.03	1.91	23.21	17.59	2.13	22.02	17.15	2.37	20.70	16.66	2.64
900	62 (16.7)	23.92	23.92	1.71	23.03	23.03	1.91	22.08	22.08	2.13	21.10	21.10	2.37	20.02	20.02	2.64
	57 (13.9)	23.92	23.92	1.71	23.04	23.04	1.91	22.08	22.08	2.13	21.10	21.10	2.37	20.02	20.02	2.64

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**2414A**	1.00	1.00		CNPH*3017A**	1.00	0.92	PG9MXA036080
CAP**2417A**	1.00	1.00		CNPH*3117A**	1.02	0.90	PG9MXA036080
CAP**3014A**	1.00	1.00		CNPV*2417A**	1.00	0.96	PG9MXA036080
CAP**3017A**	1.00	1.00		CNPV*3017A**	1.00	0.92	PG9MXA036080
CAP**3619A**	1.02	1.02		CNPV*3117A**	1.02	0.90	PG9MXA036080
CNPH*2418A**	1.00	1.00		CSPH*2412A**	1.00	0.96	PG9MXA036080
CNPH*2417A**	1.00	1.00		CSPH*3012A**	1.00	0.92	PG9MXA036080
CNPH*3017A**	1.00	1.00		CAP**2417A**	1.01	0.92	PG9UAA042060
CNPH*3117A**	1.02	1.02		CAP**3017A**	1.02	0.93	PG9UAA042060
CNPV*2414A**	1.00	1.00		CNPV*2417A**	1.01	0.92	PG9UAA042060
CNPV*2417A**	1.00	1.00		CNPV*3017A**	1.02	0.93	PG9UAA042060
CNPV*3014A**	1.00	1.00		CNPV*3117A**	1.02	0.93	PG9UAA042060
CNPV*3017A**	1.00	1.00					
CNPV*3117A**	1.02	1.02					
CSPH*2412A**	1.00	1.00					
CSPH*3012A**	1.00	1.00					
FF1ENP024	1.00	1.01					
FF1ENP025	1.00	0.94					
FF1ENP030	1.00	1.01					
FF1ENP031	1.00	0.94					
FF1ENP037	1.03	0.98					
PF4MNA024	1.00	1.00					
PF4MNA025	1.00	0.96					
PF4MNA030	1.00	1.00					
PF4MNA031	1.00	0.92					
PF4MNB025	1.02	0.93					
PF4MNB031	1.03	0.98					
PF4MNB037	1.03	0.95					
CAP**2414A**	1.00	0.92	PG8*EA024045				
CAP**3014A**	1.00	0.92	PG8*EA024045				
CNPH*2417A**	1.00	0.96	PG8*EA024045				
CNPH*3017A**	1.00	0.92	PG8*EA024045				
CNPH*3117A**	1.02	0.93	PG8*EA024045				
CNPV*2414A**	1.00	0.96	PG8*EA024045				
CNPV*3014A**	1.00	0.92	PG8*EA024045				
CSPH*2412A**	1.00	0.92	PG8*EA024045				
CSPH*3012A**	1.00	0.92	PG8*EA024045				

See notes on pg. 27

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**2414A**	0.98	0.97	PG95XA*30040A***	CAP**2417A**	0.98	0.97	PG95XA*30040A***
CAP**2417A**	0.99	0.97	PG95XA*30040A***	CAP**3014A**	0.99	0.97	PG95XA*30040A***
CAP**3014A**	1.00	0.96	PG95XA*30040A***	CAP**3017A**	1.00	0.96	PG95XA*30040A***
CAP**3619A**	1.02	0.97	PG95XA*30040A***	CNPH*2417A**	0.98	0.97	PG95XA*30040A***
CNPH*3017A**	1.00	0.96	PG95XA*30040A***	CNPH*3117A**	1.02	0.98	PG95XA*30040A***
CNPH*3117A**	0.98	0.97	PG95XA*30040A***	CNPV*2414A**	0.98	0.97	PG95XA*30040A***
CNPV*2414A**	0.99	0.97	PG95XA*30040A***	CNPV*2417A**	0.99	0.97	PG95XA*30040A***
CNPV*2417A**	1.00	0.96	PG95XA*30040A***	CNPV*3014A**	1.00	0.96	PG95XA*30040A***
CNPV*3014A**	1.02	0.98	PG95XA*30040A***	CNPV*3017A**	1.00	0.96	PG95XA*30040A***
CNPV*3017A**	0.99	0.97	PG95XA*30040A***	CSPH*2412A**	0.99	0.97	PG95XA*30040A***
CSPH*2412A**	1.00	0.96	PG95XA*30040A***	CSPH*3012A**	1.00	0.96	PG95XA*30040A***
CSPH*3012A**	0.98	0.90	PG95XA*42060B***	CAP**2417A**	0.98	0.90	PG95XA*42060B***
FF1ENP024	1.00	0.92	PG95XA*42060B***	CAP**3017A**	1.00	0.92	PG95XA*42060B***
FF1ENP025	1.00	0.89	PG95XA*42060B***	CNPH*2417A**	0.97	0.89	PG95XA*42060B***
FF1ENP030	1.00	0.92	PG95XA*42060B***	CNPH*3017A**	1.00	0.92	PG95XA*42060B***
FF1ENP031	1.00	0.90	PG95XA*42060B***	CNPH*3117A**	1.02	0.90	PG95XA*42060B***
FF1ENP037	1.00	0.89	PG95XA*42060B***	CNPV*2417A**	0.97	0.89	PG95XA*42060B***
PF4MNA024	1.00	0.92	PG95XA*42060B***	CNPV*3017A**	1.00	0.92	PG95XA*42060B***
PF4MNA025	1.00	0.90	PG95XA*42060B***	CNPV*3117A**	1.02	0.90	PG95XA*42060B***
PF4MNA030	1.00	0.91	PG95XA*42060B***	CSPH*2412A**	0.98	0.90	PG95XA*42060B***
PF4MNA031	1.00	0.92	PG95XA*42060B***	CSPH*3012A**	0.99	0.90	PG95XA*42060B***
PF4MNB025	1.02	0.93	PG95XA*42060B***	CAP**2417A**	1.00	0.92	PG95XA*42060B***
PF4MNB031	1.03	0.98	PG95XA*42060B***	CAP**3017A**	1.00	0.96	PG95XA*42060B***
PF4MNB037	1.03	0.95	PG95XA*42060B***	CNPH*2417A**	1.00	0.96	PG95XA*42060B***
CAP**2414A**	1.00	0.92	PG8*EA024045	CNPH*3017A**	1.00	0.92	PG9MXA036080
CAP**3014A**	1.00	0.92	PG8*EA024045	CNPH*3117A**	1.02	0.90	PG9MXA036080
CNPH*2417A**	1.00	0.96	PG8*EA024045	CNPV*2417A**	1.00	0.96	PG9MXA036080
CNPH*3017A**	1.00	0.92	PG8*EA024045	CNPV*3017A**	1.00	0.92	PG9MXA036080
CNPH*3117A**	1.02	0.93	PG8*EA024045	CNPV*3117A**	1.02	0.90	PG9MXA036080
CNPV*2414A**	1.00	0.96	PG8*EA024045	CSPH*2412A**	1.00	0.92	PG9MXA036080
CNPV*3014A**	1.00	0.92	PG8*EA024045	CSPH*3012A**	1.00	0.92	PG9MXA036080
CSPH*2412A**	1.00	0.92	PG8*EA024045	CAP**2417A**	1.00	0.92	PG9MXA036080
CSPH*3012A**	1.00	0.92	PG8*EA024045	CAP**3017A**	1.00	0.92	PG9MXA036080
	1.00	0.92	PG8*EA024045	CNPH*2417A**	1.00	0.96	PG9MXA036080

PA13NA / PA13PA

DETAILED COOLING CAPACITIES# (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																			
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)			
		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**	
CFM	EWB ° F (° C)	Total	Sens†			Total	Sens†			Total	Sens†			Total	Sens†			Total	Sens†		
875	72 (22.2)	31.88	16.54	1.97		30.55	16.06	2.21	2.21	29.17	15.57	2.48		27.73	15.07	2.77		26.14	14.51	3.10	
	67 (19.4)	29.45	20.69	1.97		28.21	20.19	2.21	19.68	26.90	19.68	2.47		25.54	19.15	2.77		24.04	18.57	3.09	
	62 (16.7)	27.29	24.80	1.96		26.15	24.27	2.20	23.68	24.96	23.68	2.47		23.83	23.83	2.76		22.65	22.65	3.09	
	57 (13.9)	26.90	26.90	1.96		25.94	25.94	2.20	24.91	24.91	24.91	2.47		23.83	23.83	2.76		22.65	22.65	3.09	
	72 (22.2)	32.25	17.34	2.02		30.87	16.86	2.26	2.26	29.45	16.36	2.53		27.98	15.86	2.82		26.34	15.30	3.14	
1000	67 (19.4)	29.82	22.01	2.01		28.55	21.52	2.25	2.25	27.20	21.00	2.52		25.81	20.47	2.81		24.28	19.88	3.14	
	62 (16.7)	27.85	27.62	2.01		26.81	26.81	2.25	25.72	25.72	25.72	2.51		24.59	24.59	2.81		23.35	23.35	3.14	
	57 (13.9)	27.82	27.82	2.01		26.81	26.81	2.25	25.73	25.73	25.73	2.51		24.60	24.60	2.81		23.35	23.35	3.14	
	72 (22.2)	32.50	18.10	2.07		31.08	17.61	2.31	2.31	29.63	17.12	2.57		28.13	16.61	2.87		26.46	16.05	3.19	
	67 (19.4)	30.08	23.28	2.06		28.78	22.78	2.30	2.30	27.41	22.26	2.57		26.00	21.72	2.86		24.45	21.12	3.19	
1125	62 (16.7)	28.55	28.55	2.06		27.50	27.50	2.30	2.30	26.36	26.36	2.56		25.19	25.19	2.86		23.89	23.89	3.18	
	57 (13.9)	28.55	28.55	2.06		27.50	27.50	2.30	2.30	26.37	26.37	2.56		25.19	25.19	2.86		23.89	23.89	3.18	

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**3014A**	1.00	1.00	
CAP**3017A**	1.00	1.00	PG8*EA048070
CAP**3614A**	1.00	1.00	PG8*EA048070
CAP**3617A**	1.00	1.00	PG8*EA048090
CAP**3619A**	1.01	1.01	PG8*EA048090
CAP**3621A**	1.00	1.00	PG8*EA048090
CNPH**3017A**	1.00	1.00	PG8*EA048090
CNPH**3117A**	1.01	1.00	PG8*EA048090
CNPH**3617A**	1.00	1.00	PG8*EA048090
CNPV**3014A**	1.00	1.00	PG8*EA048090
CNPV**3017A**	1.00	1.00	PG8*EA048090
CNPV**3117A**	1.01	1.00	PG8*EA048090
CNPV**3621A**	1.00	1.00	PG8*EA048090
CNPV**3717A**	1.02	1.00	PG8*EA048090
CSPH**3012A**	1.00	1.00	PG8*EA048090
CSPH**3612A**	1.00	1.00	PG8*EA048090
FF1ENP030	1.00	1.00	PG8*EA048090
FF1ENP031	1.00	0.94	PG8*EA048090
FF1ENP036	1.00	0.98	PG8*EA048090
FF1ENP037	1.00	0.94	PG8*EA048090
PF4MNA030	1.00	1.00	PG8*EA048090
PF4MNA031	1.00	0.94	PG8*EA048090
PF4MNA036	1.00	1.00	PG8*EA048090
PF4MNA037	1.00	0.98	PG8*EA048090
PF4MNB031	1.01	0.95	PG8*EA048090
PF4MNB037	1.02	0.92	PG8*EA048090
PF4MNB043	1.02	1.00	PG8*EA048090
CAP**3017A**	1.00	0.94	PG8*EA048070
CAP**3617A**	1.00	0.94	PG8*EA048070
CNPH**3017A**	1.00	0.94	PG8*EA048070
CNPH**3117A**	1.01	0.95	PG8*EA048070
CNPH**3617A**	1.00	0.94	PG8*EA048070
CNPV**3017A**	1.00	0.94	PG8*EA048070
CNPV**3117A**	1.01	0.95	PG8*EA048070
CNPV**3617A**	1.00	0.94	PG8*EA048070

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV**3717A**	1.02	0.92	PG8*EA048070
CSPH**3012A**	1.00	0.94	PG8*EA048070
CSPH**3612A**	1.00	0.94	PG8*EA048070
CAP**3621A**	1.00	0.90	PG8*EA048090
CNPH**3017A**	1.00	0.94	PG8*EA048090
CNPH**3117A**	1.01	0.91	PG8*EA048090
CNPH**3617A**	1.00	0.94	PG8*EA048090
CNPV**3012A**	1.00	0.94	PG8*EA048090
CSPH**3012A**	1.00	0.94	PG8*EA048090
CSPH**3612A**	1.00	0.90	PG8*EA048090
CAP**3014A**	0.99	1.05	PG95XA*30040A***
CAP**3017A**	1.00	1.05	PG95XA*30040A***
CAP**3614A**	1.00	1.05	PG95XA*30040A***
CAP**3617A**	1.00	1.05	PG95XA*30040A***
CNPH**3017A**	1.00	1.05	PG95XA*30040A***
CNPH**3117A**	1.02	1.06	PG95XA*30040A***
CNPH**3617A**	1.00	1.05	PG95XA*30040A***
CNPV**3014A**	0.99	1.04	PG95XA*30040A***
CNPV**3017A**	1.00	1.05	PG95XA*30040A***
CNPV**3117A**	1.02	1.05	PG95XA*30040A***
CNPV**3617A**	1.00	1.05	PG95XA*30040A***
CNPV**3717A**	1.03	1.05	PG95XA*30040A***
CSPH**3012A**	1.00	1.04	PG95XA*30040A***
CSPH**3612A**	1.02	1.06	PG95XA*30040A***
CAP**3017A**	1.01	0.95	PG95XA*42060B***
CAP**3617A**	1.01	0.95	PG95XA*42060B***
CAP**3619A**	1.01	0.95	PG95XA*42060B***
CAP**3621A**	1.01	0.93	PG95XA*42060B***
CNPH**3017A**	1.01	0.95	PG95XA*42060B***
CNPH**3117A**	1.04	0.95	PG95XA*42060B***
CNPH**3617A**	1.01	0.95	PG95XA*42060B***
CNPV**3017A**	1.01	0.95	PG95XA*42060B***
CNPV**3117A**	1.04	0.95	PG95XA*42060B***
CNPV**3617A**	1.01	0.95	PG95XA*42060B***
CSPH**3717A**	1.04	0.94	PG95XA*42060B***
CSPH**3012A**	1.01	0.95	PG95XA*42060B***

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH**3612A**	1.03	0.94	PG95XA*42060B***
CAP**3017A**	1.01	0.95	PG95XA*48080B***
CAP**3617A**	1.02	0.94	PG95XA*48080B***
CAP**3619A**	1.02	0.94	PG95XA*48080B***
CAP**3621A**	1.02	0.94	PG95XA*48080B***
CNPH**3017A**	1.01	0.95	PG95XA*48080B***
CNPH**3117A**	1.04	0.96	PG95XA*48080B***
CNPH**3617A**	1.01	0.95	PG95XA*48080B***
CNPV**3017A**	1.01	0.95	PG95XA*48080B***
CNPV**3117A**	1.04	0.96	PG95XA*48080B***
CNPV**3617A**	1.01	0.95	PG95XA*48080B***
CNPV**3717A**	1.02	0.96	PG95XA*48080B***
CSPH**3012A**	1.02	0.96	PG95XA*48080B***
CSPH**3612A**	1.04	0.95	PG95XA*48080B***
CAP**3017A**	1.00	0.94	PG9MXA036060
CAP**3617A**	1.00	0.90	PG9MXA036060
CNPH**3017A**	1.00	0.94	PG9MXA036060
CNPH**3117A**	1.01	0.91	PG9MXA036060
CNPH**3617A**	1.00	0.94	PG9MXA036060
CNPV**3017A**	1.00	0.94	PG9MXA036060
CNPV**3117A**	1.01	0.91	PG9MXA036060
CNPV**3617A**	1.00	0.94	PG9MXA036060
CNPV**3717A**	1.02	0.92	PG9MXA036060
CSPH**3012A**	1.00	0.94	PG9MXA036060
CSPH**3612A**	1.00	0.90	PG9MXA036060
CAP**3017A**	1.00	0.94	PG9MXA036060
CAP**3617A**	1.00	0.90	PG9MXA036060
CNPH**3017A**	1.00	0.90	PG9MXA036060
CNPH**3117A**	1.01	0.91	PG9MXA036060
CNPH**3617A**	1.00	0.92	PG9MXA036060
CNPV**3017A**	1.00	0.90	PG9MXA036060
CNPV**3117A**	1.02	0.92	PG9MXA036060
CNPV**3617A**	1.00	0.94	PG9MXA036060
CNPV**3717A**	1.00	0.92	PG9MXA036060
CSPH**3012A**	1.00	0.94	PG9MXA036060
CSPH**3612A**	1.00	0.90	PG9MXA036060

DETAILED COOLING CAPACITIES# (CONT.)

PA13NA030(G) –B Outdoor Section With CAPVP3014 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3017A**	1.00	0.94	PG9MXA048080
CAP**3617A**	1.00	0.94	PG9MXA048080
CNPH*3017A**	1.00	0.94	PG9MXA048080
CNPH*3117A**	1.01	0.91	PG9MXA048080
CNPH*3617A**	1.00	0.94	PG9MXA048080
CNPV*3017A**	1.00	0.94	PG9MXA048080
CNPV*3117A**	1.01	0.91	PG9MXA048080
CNPV*3617A**	1.00	0.94	PG9MXA048080
CNPV*3717A**	1.02	0.92	PG9MXA048080
CSPH*3012A**	1.00	0.94	PG9MXA048080
CSPH*3612A**	1.00	0.90	PG9MXA048080
CAP**3017A**	1.01	0.95	PG9UAA042060
CAP**3617A**	1.01	0.95	PG9UAA042060
CNPV*3017A**	1.01	0.95	PG9UAA042060
CNPV*3117A**	1.02	0.92	PG9UAA042060
CNPV*3617A**	1.01	0.95	PG9UAA042060
CNPV*3717A**	1.03	0.93	PG9UAA042060
CAP**3621A**	1.00	0.94	PG9UAA042080
CNPV*3621A**	1.00	0.94	PG9UAA042080
CAP**3621A**	1.01	0.95	PG9UAA060080
CNPV*3621A**	1.01	0.95	PG9UAA060080
CAP**3621A**	1.00	0.94	PG9UAA060100
CNPV*3621A**	1.00	0.94	PG9UAA060100

See notes on pg. 27

DETAILED COOLING CAPACITIES# (CONT.)

EVAPORATOR AIR			CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																	
			75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)	
			Capacity MBtu/h		Total Sys-tem KW**	Capacity MBtu/h		Total Sys-tem KW**	Capacity MBtu/h		Total Sys-tem KW**	Capacity MBtu/h		Total Sys-tem KW**	Capacity MBtu/h		Total Sys-tem KW**	Capacity MBtu/h		Total Sys-tem KW**
			Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	
CFM	EWB ° F (° C)																			
PA13NA036 (G) – B Outdoor Section With CAPVP4821 Indoor Section																				
1050	72 (22.2)	29.86	29.86	3.90	38.13	19.65	2.71	36.46	19.06	3.04	34.71	18.45	3.40	32.77	17.79	3.80				
	67 (19.4)	36.66	25.23	2.41	35.22	24.67	2.71	33.64	23.05	3.03	31.99	23.42	3.40	30.17	22.72	3.79				
	62 (16.7)	33.97	30.22	2.40	32.65	29.62	2.70	31.21	28.94	3.03	29.76	29.76	3.39	28.35	28.35	3.79				
	57 (13.9)	33.42	33.42	2.40	32.90	32.90	2.70	31.07	31.07	3.03	29.78	29.78	3.39	28.35	28.35	3.79				
	52 (11.1)	40.35	21.22	2.47	38.49	20.57	2.77	36.81	19.99	3.10	35.01	19.38	3.46	33.02	18.70	3.85				
1200	67 (19.4)	37.10	26.78	2.47	35.62	26.22	2.76	34.00	25.60	3.09	32.31	24.96	3.45	30.45	24.26	3.85				
	62 (16.7)	34.75	32.12	2.46	33.33	32.33	2.76	32.07	32.07	3.09	30.71	30.71	3.45	29.20	29.20	3.85				
	57 (13.9)	34.54	34.54	2.46	33.37	33.37	2.76	32.07	32.07	3.09	30.71	30.71	3.45	29.20	29.20	3.85				
	52 (11.1)	40.70	22.12	2.53	38.75	21.45	2.83	37.03	20.86	3.16	35.19	20.25	3.52	33.17	19.57	3.91				
	47 (8.3)	37.49	28.29	2.52	35.90	27.69	2.82	34.25	27.07	3.15	32.53	26.42	3.51	30.65	25.71	3.90				
1350	62 (16.7)	35.43	35.43	2.52	34.21	34.21	2.82	32.85	32.85	3.14	31.43	31.43	3.51	29.86	29.86	3.90				
	57 (13.9)	35.43	35.43	2.52	34.21	34.21	2.82	32.85	32.85	3.14	31.43	31.43	3.51	29.86	29.86	3.90				

[illegible]

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*4321A**	1.01	0.93	PG8*EA048090
CNPH*4821A**	1.00	0.96	PG8*EA048090
CNPV*4221A**	0.98	0.94	PG8*EA048090
CNPV*4821A**	1.00	0.96	PG8*EA048090
CSPH*4212A**	0.98	0.94	PG8*EA048090
CSPH*4812A**	1.00	0.92	PG8*EA048090
CAP**4221A**	0.98	0.94	PG8*EA060110
CAP**4821A**	1.00	0.92	PG8*EA060110
CNPH*4221A**	0.98	0.94	PG8*EA060110
CNPH*4321A**	1.01	0.93	PG8*EA060110
CNPH*4821A**	1.00	0.92	PG8*EA060110
CNPV*4221A**	0.98	0.94	PG8*EA060110
CNPV*4821A**	1.00	0.92	PG8*EA060110
CSPH*4212A**	0.98	0.90	PG8*EA060110
CSPH*4812A**	1.00	0.92	PG8*EA060110
CAP**4224A**	0.98	0.94	PG8*EA060135
CAP**4824A**	1.00	0.92	PG8*EA060135
CNPH*4221A**	0.98	0.94	PG8*EA060135
CNPH*4821A**	1.00	0.92	PG8*EA060135
CNPV*4824A**	1.00	0.92	PG8*EA060135
CSPH*4212A**	0.98	0.94	PG8*EA060135
CSPH*4812A**	1.00	0.92	PG8*EA060135
CAP**3617A**	0.97	0.94	PG95XA*42060B***
CAP**3619A**	0.97	0.94	PG95XA*42060B***
CAP**3621A**	0.98	0.94	PG95XA*42060B***
CAP**4221A**	0.98	0.95	PG95XA*42060B***
CNPH*3617A**	0.97	0.94	PG95XA*42060B***
CNPH*4221A**	0.98	0.95	PG95XA*42060B***
CNPH*4321A**	1.01	0.94	PG95XA*42060B***
CNPV*3617A**	0.97	0.94	PG95XA*42060B***
CNPV*3621A**	0.97	0.94	PG95XA*42060B***
CNPV*4217A**	1.01	0.96	PG95XA*42060B***
CNPV*4817A**	0.99	0.95	PG95XA*42060B***
CNPV*4221A**	0.98	0.95	PG95XA*42060B***
CSPH*3612A**	0.99	0.95	PG95XA*42060B***
CSPH*4212A**	1.00	0.96	PG95XA*42060B***
CAP**3617A**	0.97	0.94	PG95XA*48080B***

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**4821A**	1.00	1.00	
CAP**4221A**	0.97	0.99	
CAP**4224A**	0.97	0.99	
CAP**4817A**	1.00	1.00	
CAP**4821A**	1.00	1.00	
CAP**4824A**	1.00	1.00	
CNPF*4816A**	0.98	0.98	
CNPH*4221A**	0.97	0.97	
CNPH*4321A**	1.01	1.01	
CNPH*4821A**	1.00	1.00	
CNPV*3717A**	1.01	1.01	
CNPV*4217A**	0.97	0.97	
CNPV*4221A**	0.97	0.97	
CNPV*4324A**	1.01	1.01	
CNPV*4821A**	1.00	1.00	
CNPV*4824A**	1.00	1.00	
CSPH*4212A**	0.97	0.97	
CSPH*4812A**	1.00	1.00	
FF1ENP037	0.97	0.93	
PF4MNA042	0.97	0.98	
PF4MNA043	0.97	0.97	
PF4MNA048	1.00	1.00	
PF4MNA049	1.00	1.00	
PF4MNB037	1.01	0.97	
PF4MNB043	1.01	0.97	
PF4MNB049	1.03	0.94	
CAP**4817A**	1.01	1.01	PG8*EA048070
CNPH*4221A**	0.99	1.01	PG8*EA048070
CNPH*4321A**	1.01	0.97	PG8*EA048070
CNPH*4821A**	1.01	1.01	PG8*EA048070
CNPV*3717A**	1.01	0.96	PG8*EA048070
CNPV*4217A**	1.00	1.00	PG8*EA048070
CSPH*4212A**	1.01	1.01	PG8*EA048070
CSPH*4812A**	1.02	1.00	PG8*EA048070
CAP**4221A**	0.98	0.94	PG8*EA048090
CAP**4821A**	1.00	0.96	PG8*EA048090
CNPH*4221A**	0.98	0.94	PG8*EA048090

PA13NA036(G) – B Outdoor Section With CAPVP4821 Indoor Section

See notes on pg. 27

DETAILED COOLING CAPACITIES# (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																			
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)			
		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**		Capacity MBtuHt		Total Sys-tem KW**	
CFM	EWB ° F (° C)	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†
1225	72 (22.2)	46.73	23.07	2.89	44.70	22.34	3.20	42.56	21.57	40.30	20.78	3.92	37.86	19.94	4.34						
	67 (19.4)	42.85	28.38	2.87	40.97	27.64	3.18	38.98	26.86	36.89	26.05	3.91	34.65	25.19	4.33						
	62 (16.7)	39.35	33.67	2.86	37.65	32.90	3.17	35.87	32.09	34.03	31.22	3.90	32.16	32.16	4.32						
	57 (13.9)	38.30	38.30	2.85	36.91	36.91	3.17	35.44	35.44	33.88	33.88	3.90	32.18	32.18	4.32						
	72 (22.2)	47.42	24.09	2.96	45.31	23.35	3.27	43.09	22.57	40.75	21.77	3.99	38.23	20.92	4.40						
1400	67 (19.4)	43.52	30.05	2.94	41.57	29.29	3.25	39.50	28.50	37.35	27.69	3.97	35.04	26.83	4.39						
	62 (16.7)	40.18	35.98	2.93	38.46	35.17	3.24	36.65	36.65	35.04	35.04	3.96	33.24	33.24	4.39						
	57 (13.9)	39.77	39.77	2.92	38.29	38.29	3.23	36.71	36.71	35.04	35.04	3.96	33.24	33.24	4.39						
	72 (22.2)	47.94	25.07	3.02	45.76	24.32	3.33	43.48	23.54	41.08	22.73	4.05	38.49	21.87	4.47						
	67 (19.4)	44.03	31.67	3.01	42.02	30.91	3.31	39.90	30.12	37.70	29.30	4.04	35.34	28.42	4.46						
1575	62 (16.7)	40.98	40.58	2.99	39.39	39.39	3.30	37.73	37.73	35.97	35.97	4.03	34.07	34.07	4.45						
	57 (13.9)	40.96	40.96	2.99	39.40	39.40	3.30	37.74	37.74	35.98	35.98	4.03	34.07	34.07	4.45						

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**4221A**	1.00	1.00	
CAP**4224A**	1.00	1.00	PG8*EA060110
CAP**4817A**	1.01	1.01	PG8*EA060110
CAP**4821A**	1.01	1.01	PG8*EA060110
CAP**4824A**	1.01	1.01	PG8*EA060110
CNP**4818A**	1.01	1.01	PG8*EA060110
CNP**4821A**	1.00	1.00	PG8*EA060135
CNP**4824A**	1.01	1.01	PG8*EA060135
CNPV**4217A**	0.99	0.99	PG8*EA060135
CNPV**4221A**	1.00	1.00	PG8*EA060135
CNPV**4821A**	1.01	1.01	PG8*EA060135
CNPV**4824A**	1.01	1.01	PG8*EA060135
CSPH**4212A**	1.01	1.01	PG8*EA060135
CSPH**4812A**	1.01	1.01	PG8*EA060135
PF4MNA042	1.00	1.00	PG95XA*42060B***
PF4MNA043	1.00	0.96	PG95XA*42060B***
PF4MNA048	1.01	1.01	PG95XA*42060B***
PF4MNB043	1.01	0.93	PG95XA*42060B***
PF4MNB049	1.04	0.99	PG95XA*42060B***
PF4MNB061	1.05	0.96	PG95XA*42060B***
CAP**4817A**	1.06	0.94	PG95XA*42060B***
CAP**4821A**	1.04	1.01	PG8*EA048070
CNP**4221A**	1.01	0.99	PG8*EA048070
CNP**4821A**	1.04	1.01	PG8*EA048070
CNPV**4217A**	1.03	1.01	PG8*EA048070
CSPH**4212A**	1.04	1.01	PG8*EA048070
CSPH**4812A**	1.04	1.01	PG8*EA048070
CAP**4221A**	1.00	0.96	PG8*EA048090
CAP**4821A**	1.01	0.93	PG8*EA048090
CNP**4221A**	0.99	0.94	PG8*EA048090
CNP**4821A**	1.01	0.93	PG8*EA048090
CNPV**4212A**	1.01	0.93	PG8*EA048090
CSPH**4812A**	1.01	0.93	PG8*EA048090
CAP**4221A**	1.00	0.96	PG8*EA060110
CAP**4821A**	1.01	0.93	PG8*EA060110

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNP**4221A**	0.99	0.94	PG8*EA060110
CNP**4821A**	1.01	0.93	PG8*EA060110
CNPV**4221A**	0.99	0.94	PG8*EA060110
CNPV**4821A**	1.01	0.93	PG8*EA060110
CSPH**4212A**	1.01	0.93	PG8*EA060110
CSPH**4812A**	1.01	0.93	PG8*EA060110
CAP**4824A**	1.01	0.93	PG8*EA060135
CNPV**4221A**	0.99	0.94	PG8*EA060135
CNPV**4821A**	1.01	0.93	PG8*EA060135
CNPV**4824A**	1.01	0.93	PG8*EA060135
CSPH**4212A**	1.01	0.93	PG8*EA060135
CSPH**4812A**	1.01	0.93	PG8*EA060135
CAP**4221A**	1.01	0.99	PG95XA*42060B***
CAP**4817A**	1.04	1.00	PG95XA*42060B***
CAP**4821A**	1.03	0.99	PG95XA*42060B***
CNP**4221A**	1.01	0.99	PG95XA*42060B***
CNP**4821A**	1.04	1.00	PG95XA*42060B***
CNPV**4217A**	1.03	0.99	PG95XA*42060B***
CNPV**4821A**	1.03	0.99	PG95XA*42060B***
CSPH**4212A**	1.03	0.99	PG95XA*42060B***
CSPH**4812A**	1.04	1.00	PG95XA*42060B***
CAP**4221A**	1.01	0.99	PG95XA*48080B***
CAP**4817A**	1.04	1.00	PG95XA*48080B***
CAP**4821A**	1.03	0.99	PG95XA*48080B***
CNP**4221A**	1.01	0.99	PG95XA*48080B***
CNP**4821A**	1.04	1.00	PG95XA*48080B***
CNPV**4212A**	1.03	0.99	PG95XA*48080B***
CNPV**4821A**	1.03	0.99	PG95XA*48080B***
CSPH**4212A**	1.04	1.00	PG95XA*48080B***
CSPH**4812A**	1.04	1.00	PG95XA*48080B***
CAP**4221A**	1.01	0.98	PG95XA*48100C***
CAP**4821A**	1.01	0.98	PG95XA*48100C***

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4821A**	1.03	0.98	PG95XA*48100C***
CAP**4823A**	1.03	0.98	PG95XA*48100C***
CAP**4824A**	1.03	0.98	PG95XA*48100C***
CNP**4221A**	1.00	0.96	PG95XA*48100C***
CNP**4321A**	1.04	0.97	PG95XA*48100C***
CNPV**4821A**	1.03	0.98	PG95XA*48100C***
CNPV**4824A**	1.03	0.98	PG95XA*48100C***
CSPH**4212A**	1.03	0.98	PG95XA*48100C***
CSPH**4812A**	1.04	0.99	PG95XA*48100C***
CAP**4221A**	1.01	0.97	PG95XA*60080C***
CAP**4224A**	1.01	0.97	PG95XA*60080C***
CAP**4821A**	1.04	0.98	PG95XA*60080C***
CAP**4823A**	1.04	0.98	PG95XA*60080C***
CAP**4824A**	1.04	0.98	PG95XA*60080C***
CNP**4221A**	1.01	0.97	PG95XA*60080C***
CNP**4321A**	1.05	0.99	PG95XA*60080C***
CNPV**4821A**	1.04	0.98	PG95XA*60080C***
CNPV**4824A**	1.01	0.97	PG95XA*60080C***
CSPH**4212A**	1.01	0.95	PG95XA*60100C***
CSPH**4812A**	1.01	0.95	PG95XA*60100C***
CAP**4221A**	1.03	0.96	PG95XA*60100C***
CAP**4823A**	1.03	0.96	PG95XA*60100C***
CAP**4824A**	1.03	0.96	PG95XA*60100C***
CNP**4221A**	1.01	0.97	PG95XA*60100C***
CNP**4321A**	1.05	0.99	PG95XA*60100C***
CNPV**4821A**	1.04	0.95	PG95XA*60100C***
CNPV**4824A**	1.01	0.97	PG95XA*60100C***

DETAILED COOLING CAPACITIES# (CONT.)

PA13NA0422(G) – B Outdoor Section With CAPVP4221 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4824A**	1.04	0.98	PG95XA*60100C***
CSPH*4212A**	1.04	0.98	PG95XA*60100C***
CSPH*4812A**	1.04	0.95	PG95XA*60100C***
CAP**4224A**	1.03	0.98	PG95XA*66120D***
CAP**4823A**	1.04	0.97	PG95XA*66120D***
CAP**4824A**	1.04	0.97	PG95XA*66120D***
CNPV*4821A**	1.01	0.97	PG95XA*66120D***
CNPV*4321A**	1.05	0.98	PG95XA*66120D***
CNPV*4821A**	1.04	0.97	PG95XA*66120D***
CNPV*4324A**	1.06	0.97	PG95XA*66120D***
CNPV*4824A**	1.04	0.97	PG95XA*66120D***
CSPH*4212A**	1.04	0.97	PG95XA*66120D***
CSPH*4812A**	1.05	0.98	PG95XA*66120D***
CAP**4817A**	1.00	0.96	PG9MXA036060
CNPV*4221A**	0.99	0.94	PG9MXA036060
CNPV*4821A**	1.01	0.97	PG9MXA036060
CNPV*4217A**	0.99	0.94	PG9MXA036060
CSPH*4212A**	0.99	0.94	PG9MXA036060
CSPH*4812A**	1.00	0.96	PG9MXA036060
CAP**4817A**	1.00	0.96	PG9MXA036060
CNPV*4221A**	0.99	0.94	PG9MXA036080
CNPV*4821A**	1.01	0.93	PG9MXA036080
CNPV*4217A**	0.99	0.94	PG9MXA036080
CSPH*4212A**	0.99	0.91	PG9MXA036080
CSPH*4812A**	1.00	0.92	PG9MXA036080
CAP**4817A**	1.00	0.96	PG9MXA048080
CNPV*4221A**	0.99	0.94	PG9MXA048080
CNPV*4821A**	1.00	0.92	PG9MXA048080
CNPV*4217A**	0.99	0.94	PG9MXA048080
CSPH*4212A**	0.99	0.91	PG9MXA048080
CSPH*4812A**	1.00	0.92	PG9MXA048080
CAP**4221A**	0.99	0.94	PG9MXA060100
CAP**4821A**	1.00	0.92	PG9MXA060100
CAP**4823A**	1.00	0.92	PG9MXA060100
CNPV*4221A**	0.99	0.94	PG9MXA060100
CNPV*4821A**	1.00	0.92	PG9MXA060100
CNPV*4217A**	0.99	0.94	PG9MXA060100
CSPH*4221A**	0.99	0.94	PG9MXA060100
CNPV*4821A**	1.01	0.93	PG9MXA060100
CSPH*4212A**	0.99	0.91	PG9MXA060100
CSPH*4812A**	1.00	0.92	PG9MXA060100
CAP**4224A**	0.99	0.91	PG9MXA060120
CAP**4824A**	1.00	0.92	PG9MXA060120
CNPV*4221A**	0.99	0.94	PG9MXA060120
CNPV*4821A**	1.00	0.92	PG9MXA060120
CNPV*4217A**	1.00	0.92	PG9MXA060120
CNPV*4824A**	1.01	0.93	PG9MXA060120
CSPH*4212A**	0.99	0.91	PG9MXA060120
CSPH*4812A**	1.00	0.92	PG9MXA060120
CAP**4817A**	1.01	0.97	PG9UAA042060
CNPV*4217A**	1.03	1.03	PG9UAA042060
CAP**4221A**	1.01	1.01	PG9UAA042080
CAP**4821A**	1.03	1.03	PG9UAA042080
CNPV*4221A**	1.01	1.01	PG9UAA042080
CNPV*4821A**	1.03	1.03	PG9UAA042080
CAP**4221A**	1.01	1.01	PG9UAA060080

See notes on pg. 27

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4821A**	1.04	0.99	PG9UAA060080
CNPV*4221A**	1.01	1.01	PG9UAA060080
CNPV*4821A**	1.03	0.98	PG9UAA060080
CAP**4221A**	1.01	1.01	PG9UAA060100
CAP**4821A**	1.04	0.99	PG9UAA060100
CNPV*4221A**	1.01	1.01	PG9UAA060100
CNPV*4821A**	1.03	0.98	PG9UAA060100
CAP**4224A**	1.01	0.97	PG9UAA060120
CAP**4824A**	1.04	0.99	PG9UAA060120
CNPV*4324A**	1.05	0.96	PG9UAA060120
CNPV*4824A**	1.04	0.99	PG9UAA060120

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See notes on pg. 27

See notes on pg. 27

DETAILED COOLING CAPACITIES# (CONT.)

EVAPORATOR AIR			CONDENSER ENTERING AIR TEMPERATURES ° F (° C)														
CFM	EWB ° F (° C)	75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			
		Capacity MBtuH†	Total	Sens†	Capacity MBtuH†	Total	Sens†	Capacity MBtuH†	Total	Sens†	Capacity MBtuH†	Total	Sens†	Capacity MBtuH†	Total	Sens†	
PA13NA060(G) – B Outdoor Section With CAPVP6024 Indoor Section																	
1750	72 (22.2)	67.21	34.03	4.17	64.33	32.99	4.62	61.25	31.88	5.13	57.99	30.72	5.69	54.51	29.50	6.30	
	67 (19.4)	61.78	42.10	4.12	59.11	41.03	4.58	56.26	39.90	5.08	53.27	38.73	5.64	50.10	37.51	6.26	
	62 (16.7)	56.85	50.10	4.08	54.44	49.01	4.54	51.89	47.82	5.04	49.28	46.54	5.60	46.74	46.74	6.23	
	57 (13.9)	55.51	55.51	4.07	53.53	53.53	4.53	51.41	51.41	5.04	49.17	49.17	5.60	46.74	46.74	6.23	
	72 (22.2)	68.22	35.65	4.27	65.20	34.58	4.73	62.01	33.46	5.23	58.62	32.28	5.79	55.02	31.05	6.40	
2000	67 (19.4)	62.74	44.73	4.22	59.96	43.64	4.68	57.00	42.50	5.18	53.90	41.32	5.74	50.62	40.07	6.36	
	62 (16.7)	58.02	53.65	4.18	55.58	52.46	4.64	53.19	53.19	5.15	50.79	50.79	5.71	48.19	48.19	6.33	
	57 (13.9)	57.57	57.57	4.18	55.46	55.46	4.64	53.20	53.20	5.15	50.80	50.80	5.71	48.19	48.19	6.33	
	72 (22.2)	68.93	37.17	4.37	65.81	36.09	4.83	62.53	34.96	5.33	59.04	33.77	5.89	55.34	32.51	6.50	
	67 (19.4)	63.43	47.24	4.32	60.56	46.14	4.78	57.53	44.99	5.28	54.34	43.78	5.84	50.99	42.50	6.46	
2250	62 (16.7)	59.25	59.25	4.29	57.01	57.01	4.75	54.82	54.82	5.25	52.11	52.11	5.82	49.36	49.36	6.44	
	57 (13.9)	59.25	59.25	4.29	57.01	57.01	4.75	54.82	54.82	5.25	52.12	52.12	5.82	49.36	49.36	6.44	

COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	
*CAP**6024A**		1.00	1.00	CNPH*6024A**	PG8*EA060135
CAP**6021A**		0.98	0.98	CNPH*6124A**	PG8*EA060135
CAP**6025A**		1.00	1.00	CNPV*6024A**	PG8*EA060135
CNPH*6024A**		1.00	1.00	CNPV*6124A**	PG8*EA060135
CNPH*6124A**		1.00	1.00	CSPH*6012A**	PG8*EA060135
CNPV*6024A**		1.00	1.00	CAP**6021A**	PG95XA*60080C***
CNPV*6124A**		1.00	1.00	CAP**6024A**	PG95XA*60080C***
CSPH*6012A**		1.00	1.00	CAP**6025A**	PG95XA*60080C***
PF4MNA060		1.00	1.02	CNPH*6024A**	PG95XA*60080C***
PF4MNA061		1.00	0.96	CNPH*6124A**	PG95XA*60080C***
PF4MNB061		1.02	1.02	CNPV*6024A**	PG95XA*60080C***
CAP**6021A**		0.99	0.97	CNPV*6124A**	PG95XA*60080C***
CNPH*6024A**		0.99	0.97	CSPH*6012A**	PG95XA*60080C***
CSPH*6012A**		0.98	0.98	CAP**6024A**	PG95XA*60100C***
CAP**6021A**		0.98	0.94	CAP**6025A**	PG95XA*60100C***
CNPH*6024A**		0.98	0.94	CNPH*6024A**	PG95XA*60100C***
CNPH*6124A**		0.99	0.99	CNPV*6024A**	PG95XA*60100C***
CSPH*6012A**		0.98	0.94	CSPH*6012A**	PG95XA*60100C***
CAP**6024A**		0.99	0.99	CAP**6024A**	PG95XA*66120D***

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

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

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

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

EWB — Entering Wet Bulb

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

SYSTEM DESIGN

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Maximum elevation of indoor coil above or below base of outdoor unit is: indoor coil above = 80 ft (24.38 m), indoor coil below = 200 ft (60.96 m).
6. For interconnecting refrigerant tube lengths greater than 80 ft (24.38 m) horizontal or 35 ft (10.7 m) vertical differential, consult Residential Piping and Long-Line Guideline available from equipment distributor.
7. Crankcase heater required when the application qualifies as long-line.
8. If any refrigerant tubing is buried, provide a minimum 6 in (152.4 mm) vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in (914.4 mm) may be buried without further consideration.
9. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.