

PA14NA

14 SEER Split–System Air Conditioner
With R–410A Refrigerant
1–1/2 To 5 Tons (018–060)

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), ARI, and CEC.

ELECTRICAL RANGE:

Units offered in single phase 208/230v are 018–060.

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:

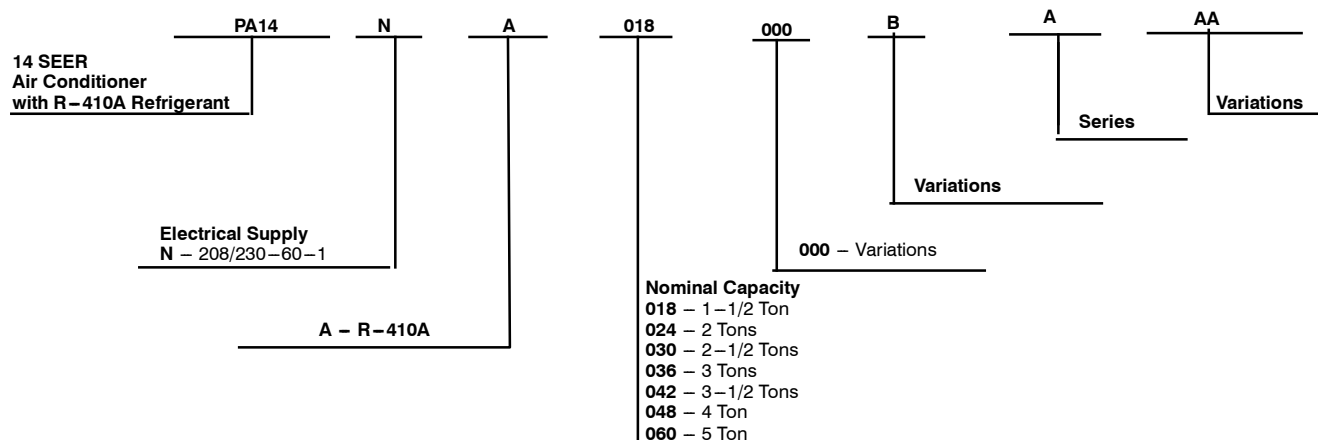
Both service valves are brass, front seating type with sweat connections. Valves are externally located so refrigerant tube connections can be made quickly and easily. Each valve has a service port for ease of checking operating refrigerant pressures.

SERVICEABILITY:

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

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

PRODUCT NUMBER NOMENCLATURE



SPECIFICATIONS

UNIT SIZE – SERIES	018–A	024–A	030–A	036–A	042–A	048–A	049–A	060–B	061–A
ELECTRICAL									
Unit Volts—Hertz—Phase	208/230–60–1								
Operating Voltage Range*	187–253								
Compressor—Rated Load Amps	9.0	13.5	12.8	16.7	17.9	21.8	19.9	26.4	21.4
Locked Rotor Amps	48.0	58.3	64.0	79.0	112.0	117.0	109.0	134.0	135.0
Condenser Fan Motor— Full Load Amps	0.5	0.75	1.1	1.2	1.2	1.2	1.2	1.2	1.2
Min Unit Ampacity for Wire Sizing	11.8	17.6	17.1	22.0	23.6	28.4	26.1	34.2	28.0
Min Wire Size (60°/75° Copper) AWG**	14	12	12	12	10	8	10	8	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)	77 / 73 (23.5 / 22.3)	89 / 82 (27.1 / 25.0)	111 / 106 (33.8 / 32.3)
Max Branch Circuit Fuse Size†	15	25	25	35	40	40	40	50	40
COMPRESSOR AND REFRIGERANT									
Compressor—Manufacturer	Copeland								
Type	Scroll								
Temperature and Current Protection	Internal Line Break								
R–410A Refrigerant— Amount Lb (kg) @ 15 ft (4.6 m)	5.40 (2.46)	7.25 (3.30)	7.10 (3.23)	6.97 (3.16)	8.70 (3.95)	9.00 (4.08)	13.00 (5.90)	11.37 (5.16)	14.5 (6.58)
Refrigerant Tubes (In. OD) Rated Vapor†† and Liquid	7/8 and 3/8								
CONDENSER COIL AND FAN									
Coil Face Area (Sq Ft)	19.3	23.6	23.6	22.7	25.2	25.2	25.2	25.2	30.18
Fan Motor—HP Type, and RPM	1/12 PSC and 800	1/10 PSC and 1100	1/5 PSC and 1100	1/5 PSC and 1100	1/5 PSC and 800	1/4 PSC and 800	1/4 PSC and 800		
Volts—Hertz—Phase	208/230–60–1								
Condenser Airflow (CFM)	1700	2000	2000	3800	3800	4046	4046	4046	4046
OPTIONAL EQUIPMENT									
Cycle Protector	KSACY0101AAA								
Start Assist— PTC Type	KAACS0201PTC								
Start Assist— Capacitor/Relay Type	KSAHS1701AAA								
MotorMaster® Control	KSALA0601AAA								
Ball Bearing Fan Motor (RCD)	HC32GE229	HC34GE240	HC38GE219	HC38GE228					
Low– Pressure Switch	KAALP0401PUR								
High– Pressure Switch	KAAHI0501PUR								
Compressor Sound Hood	KSASH0601COP								
Time– Delay Relay	KAATD0101TDR								
Low– Ambient Pressure Switch Kit	KSALA0301410								
Winter Start Control	KAAWS0101AAA								
Evaporator Freeze Thermostat	KAAFT0101AAA								
Compressor Crankcase Heater	KAAFT0101AAA								
Liquid Line Solenoid Valve††	KAAFT0101AAA								
TXV (Hard Shutoff)††	KAAFT0101AAA								
Standard Thermostat, Manual Changeover, Non– Programmable, °F/°C, 1– Stage Heat, 1– Stage Cool	KSATX0201PUR	KSATX0301PUR	KSATX0401PUR	KSATX0401PUR	KSATX0401PUR	KSATX0501PUR	KSATX0501PUR	KSATX0501PUR	KSATX0501PUR
Thermostat, Auto Changeover, 7– Day Programmable, °F/°C, 1– Stage Heat, 1– Stage Cool	TSTATPPBAC01								
Outdoor Sensor	TSTATPPAC01								
Liquid Line Filter Drier	TSTATXXSEN01– B								
Backplate for Standard Thermostat	KH43LG073								
Backplate for Programmable Thermostat	TSTATXXBBP01								
	TSTATXXBP01								

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 (ANSI/NFPA 70). The ampacity of nonmetallic–sheathed cable (NM), trade name ROMEX, shall be that of 60° C conductors, per the NEC (ANSI/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.

DIMENSIONS - SIZES 018 - 030 - ENGLISH

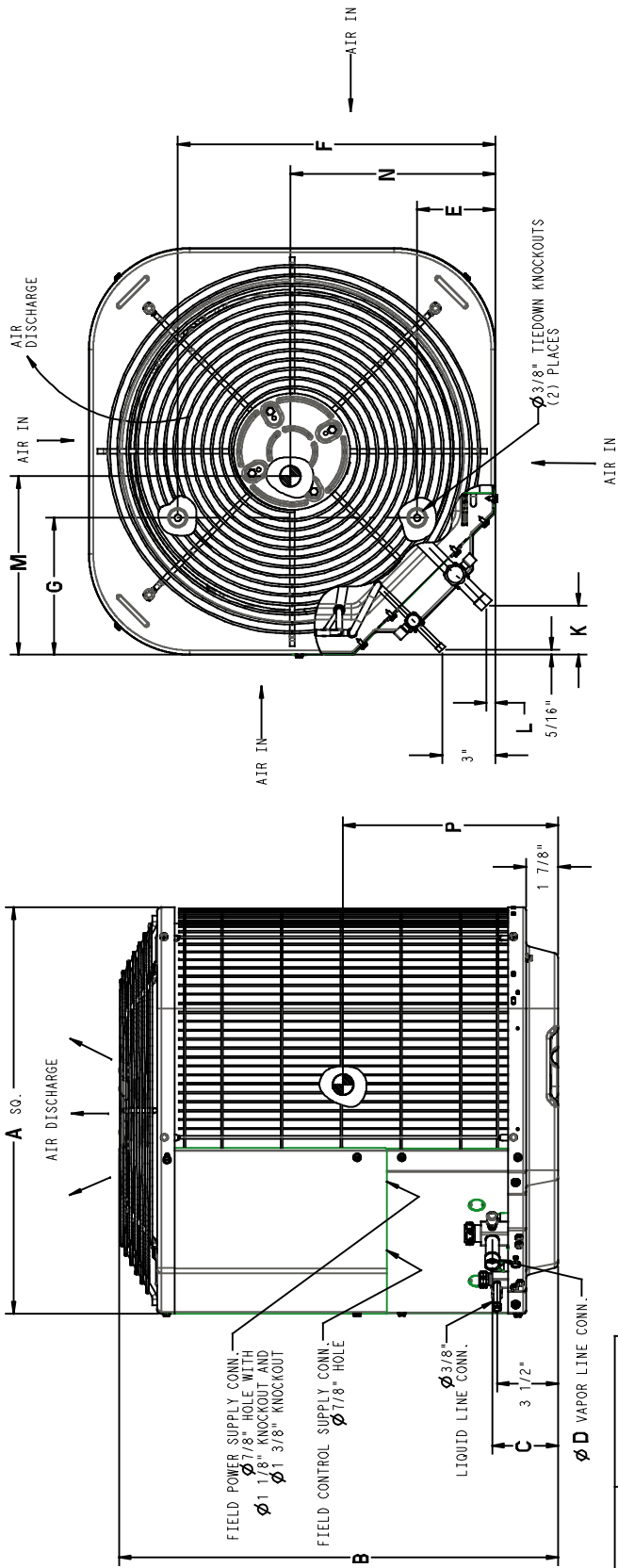
UNIT	SERIES	ELECTRICAL CHARACTERISTICS			A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (LBS)	SHIPPING WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H)		
PA14NA018	A	X	0	0	0	31 3/16"	35 3/16"	3 3/4"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1 1/2"	16"	15 1/2"	156	179	32 3/16" X 32 3/16" X 37 7/16"		
PA14NA024	A	X	0	0	0	31 3/16"	42"	3 3/4"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1 1/2"	16"	15 1/2"	168	193	32 3/16" X 32 3/16" X 44 1/4"		
PA14NA030	A	X	0	0	0	31 3/16"	42"	3 3/4"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1 1/2"	16"	15 1/2"	170	195	32 3/16" X 32 3/16" X 44 1/4"		

NOTES:

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

X = YES
O = NO

208-230-160	230-160	208/230-360	460-360
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UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
---	23 1/2" X 23 1/2"
--	26" X 26"
18, 24, 30	31 1/2" X 31 1/2"
---	35" X 35"

DIMENSIONS - SIZES 036 - 060 - ENGLISH

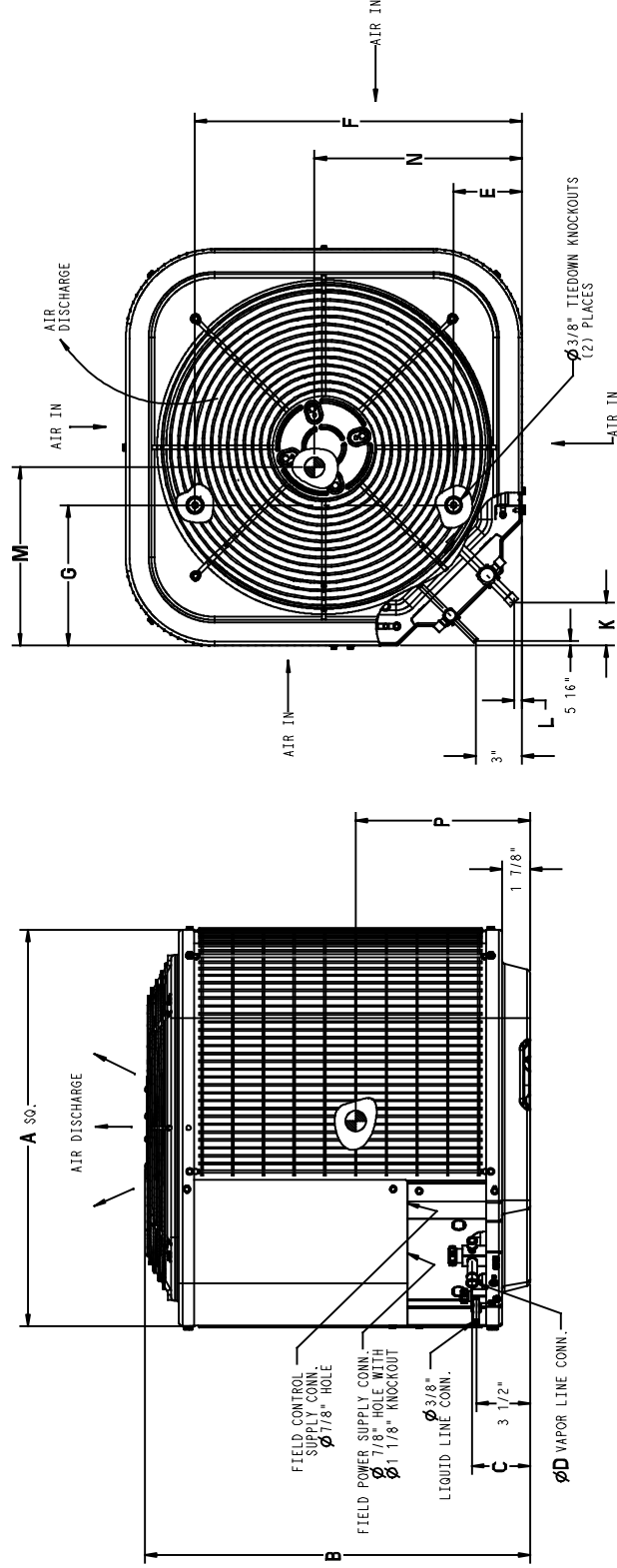
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UNIT	SERIES	ELECTRICAL CHARACTERISTICS			A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)		
PA14NA036	A	X	0	0	35"	35 3/4"	3 3/4"	3/4"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	1/2"	18 1/4"	18 1/2"	17 1/2"	191	225	36 1/8" X 39 5/16" X 39 3/8"		
PA14NA042	A	X	0	0	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	18 1/2"	16 1/4"	16 1/2"	225	263	36 1/8" X 39 5/16" X 42 3/4"		
PA14NA048	A	X	0	0	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	17 1/2"	16 1/2"	15"	231	269	36 1/8" X 39 5/16" X 42 3/4"		
PA14NA060	A, B	X	0	0	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/2"	17"	16 1/4"	212	310	36 1/8" X 39 5/16" X 42 3/4"		
PA14NA061	A	X	0	0	35"	45 15/16"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/2"	17"	22"	283	338	36 1/8" X 39 5/16" X 49 9/16"		
PA14NA049	A	X	0	0	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	17 1/2"	16 1/2"	15"	264	317	36 1/8" X 39 5/16" X 42 3/4"		

X = YES
O = NO

NOTES:

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



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

DIMENSIONS - SIZES 018 - 030 - 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)	
PA14NA018	A	X	0	0	792.2	893.8	95.2	19.0	166.7	627.1	231.8	71.4	406.4	393.7	387.4	70.8	81.2	817.6 X 817.6 X 950.9	
PA14NA024	A	X	0	0	792.2	1086.8	95.2	19.0	166.7	627.1	231.8	71.4	406.4	393.7	431.8	76.2	87.5	817.6 X 817.6 X 1124.0	
PA14NA030	A	X	0	0	792.2	1086.8	95.2	19.0	166.7	627.1	231.8	71.4	406.4	393.7	431.8	77.1	88.4	817.6 X 817.6 X 1124.0	

NOTES:

- X = YES
O = NO

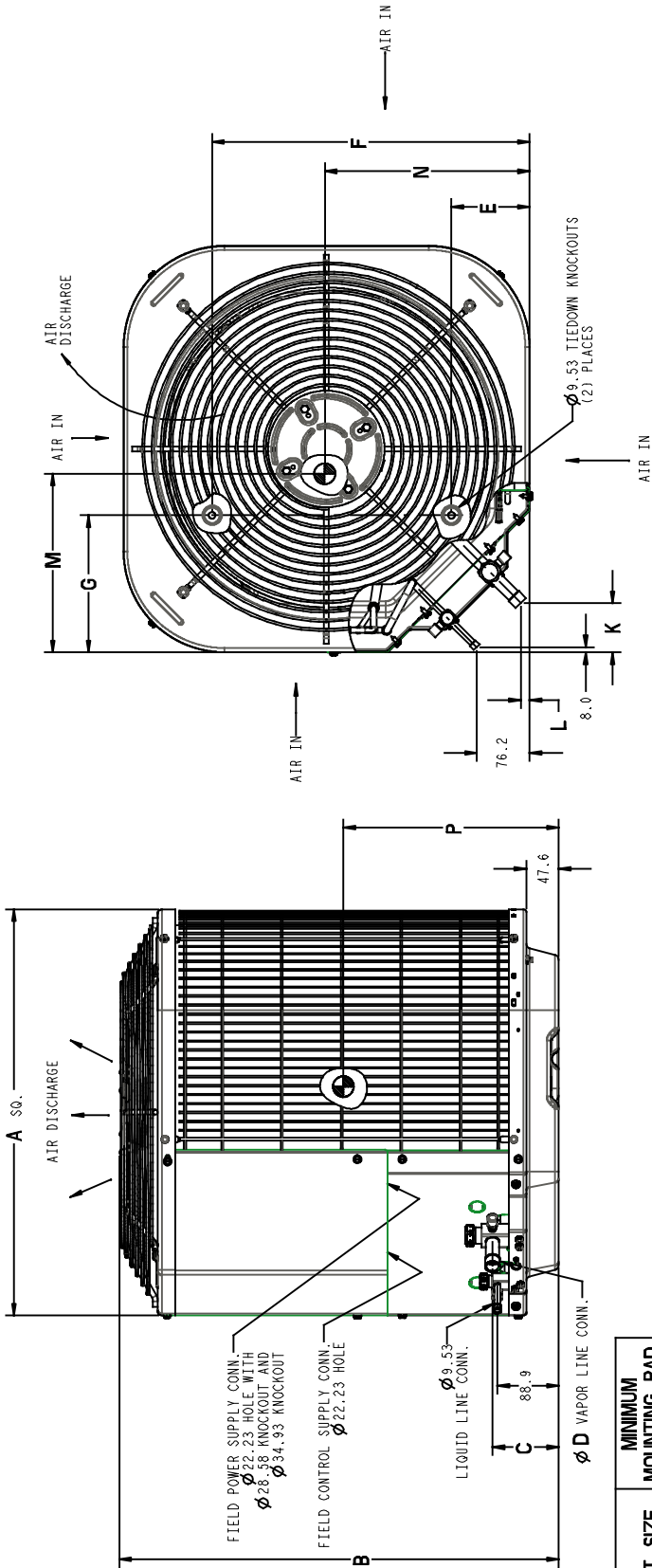
1. ALLOW 762.0 CLEARANCE TO SERVICE SIDE OF UNIT, 1219.2 ABOVE UNIT, 152.4 ON ONE SIDE, 304.8 ON REMAINING SIDE, AND 609.6 BETWEEN UNITS FOR PROPER AIRFLOW.

2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 13°C, MAX. 52°C.

3. SERIES DESIGNATION IS THE 14TH POSITION OF THE UNIT MODEL NUMBER.

4. CENTER OF GRAVITY 

5. ALL DIMENSIONS ARE IN "MM" UNLESS NOTED.



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

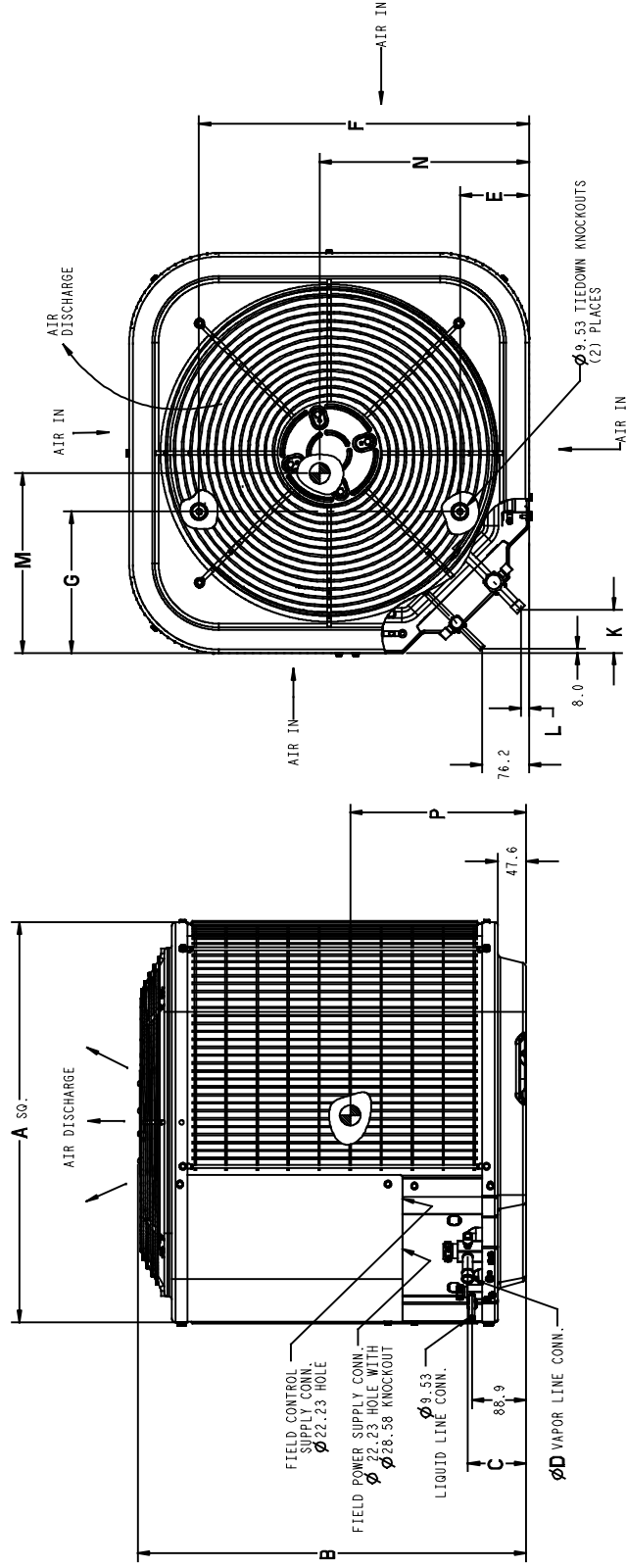
DIMENSIONS - SIZES 036 - 060 - SI

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)	
PA14NA036	A	X	0	0	889.0	908.0	95.2	19.0	166.7	722.3	231.8	74.6	12.7	463.6	444.5	86.6	102.0	917.6 X 998.6 X 1000.1	
PA14NA042	A	X	0	0	889.0	993.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	469.9	419.1	102.0	119.3	917.6 X 998.6 X 1085.8	
PA14NA048	A	X	0	0	889.0	993.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	444.5	381.0	104.8	122.0	917.6 X 998.6 X 1085.8	
PA14NA060	A, B	X	0	0	889.0	993.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	419.1	431.8	123.4	140.6	917.6 X 998.6 X 1085.8	
PA14NA061	A	X	0	0	889.0	1166.6	98.4	22.2	166.7	722.3	231.8	74.6	15.9	419.1	558.8	192.9	159.3	917.6 X 998.6 X 1258.9	
PA14NA049	A	X	0	0	889.0	993.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	444.5	381.0	119.7	149.8	917.6 X 998.6 X 1085.8	

X = YES
O = NO

NOTES:

1. ALLOW 762.0 CLEARANCE TO SERVICE SIDE OF UNIT, 1219.2 ABOVE UNIT, 152.4 ON ONE SIDE, 304.8 ON REMAINING SIDE, AND 609.6 BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 13°C, MAX. 52°C.
3. SERIES DESIGNATION IS THE 14TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY .
5. ALL DIMENSIONS ARE IN *MM* UNLESS NOTED.



UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	560.4 X 560.4
-	800.1 X 800.1
36, 42, 48, 60	889.0 X 889.0

REFRIGERANT PIPING LENGTH LIMITATIONS

Liquid Line Sizing and Maximum Total Equivalent Lengths† for Cooling Only Systems with R-410A® Refrigerant:

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

See Table below for liquid line sizing and maximum lengths :

Maximum Total Equivalent Length Outdoor Unit BELOW Indoor Unit

Size	Liquid Line Connection	Liquid Line Diam. w/ TXV	AC with R-410A Refrigerant Maximum Total Equivalent Length†: Outdoor unit BELOW Indoor Vertical Separation ft (m)								
			0-5 (0-1.5)	6-10 (1.8-3.0)	11-20 (3.4-6.1)	21-30 (6.4-9.1)	31-40 (9.4-12.2)	41-50 (12.5-15.2)	51-60 (15.5-18.3)	61-70 (18.6-21.3)	71-80 (21.6-24.4)
018 AC with R-410A	3/8	1/4	150	150	125	100	100	75	--	--	--
		5/16	250*	250*	250*	250*	250*	250*	250*	225*	150
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
024 AC with R-410A	3/8	1/4	75	75	75	50	50	--	--	--	--
		5/16	250*	250*	250*	250*	250*	225*	175	125	100
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
030 AC with R-410A	3/8	1/4	30	--	--	--	--	--	--	--	--
		5/16	175	225*	200	175	125	100	75	--	--
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
036 AC with R-410A	3/8	5/16	175	150	150	100	100	100	75	--	--
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	250*
042 AC with R-410A	3/8	5/16	125	100	100	75	75	50	--	--	--
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	150
		3/8	250*	250*	250*	250*	250*	250*	250*	250*	150
048 AC with R-410A	3/8	3/8	250*	250*	250*	250*	250*	250*	230	160	--
060 AC with R-410A	3/8	3/8	250*	250*	250*	225*	190	150	110	--	--

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

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

-- = outside acceptable range

Maximum Total Equivalent Length Outdoor Unit ABOVE Indoor Unit

Size	Liquid Line Connection	Liquid Line Diam. w/ TXV	AC with R-410A Refrigerant Maximum Total Equivalent Length†: Outdoor unit ABOVE Indoor Vertical Separation ft (m)							
			25 (7.6)	26-50 (7.9-15.2)	51-75 (15.5-22.9)	76-100 (23.2-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-53.3)	176-200 (53.6-61.0)
018 AC with R-410A	3/8	1/4	175	250*	250*	250*	250*	250*	250*	250*
		5/16	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
024 AC with R-410A	3/8	1/4	100	125	175	200	225*	250*	250*	250*
		5/16	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
030 AC with R-410A	3/8	1/4	30	--	--	--	--	--	--	--
		5/16	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
036 AC with R-410A	3/8	5/16	225*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
042 AC with R-410A	3/8	5/16	175	200	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
		3/8	250*	250*	250*	250*	250*	250*	250*	250*
048 AC with R-410A	3/8	3/8	250*	250*	250*	250*	250*	250*	250*	250*
060 AC with R-410A	3/8	3/8	250*	250*	250*	250*	250*	250*	250*	250*

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

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

-- = outside acceptable range

REFRIGERANT CHARGE ADJUSTMENTS

Liquid Line Size	R-410A Charge oz/ft (g/m)
3/8	0.60 (17.74) (Factory charge for lineset = 9 oz / 266.16 g)
5/16	0.40 (11.83)
1/4	0.27 (7.98)

Units are factory charged for 15 ft (4.6 m) of 3/8" liquid line. The factory charge for 3/8" lineset 9 oz (266.16 g). When using other length or diameter liquid lines, charge adjustments are required per the chart above.

Charging Formula:

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

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) vertical or 120 (36.6) total	120 (36.6)
3/8	80 (24.4)	35 (10.7) vertical or 80 (24.4) total	80 (24.4)

Note: See Long Line Guideline for details

VAPOR LINE SIZING AND COOLING CAPACITY LOSS

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

Vapor Line Sizing and Cooling Capacity Losses — R-410A® Refrigerant 1-Stage Air Conditioner Applications

Unit Nominal Size (Btuh)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In. OD)	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-53.3)	176-200 (53.6-61.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
018 1 Stage AC with 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
024 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
030 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
036 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
042 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
048 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
060 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–A	76	50.5	63.0	67.0	72.0	65.0	61.0	53.0
024–A	76	53.0	62.5	67.0	70.0	68.0	53.0	58.0
030–A	76	55.0	63.5	68.5	69.0	67.5	64.5	59.5
036–A	76	52.0	60.0	65.5	69.5	64.0	63.0	56.0
042–A	77	50.5	58.5	63.0	72.0	66.0	62.5	57.5
048–A	78	58.0	64.5	66.5	69.0	65.0	63.5	59.0
049–A	78	58.0	64.5	66.5	69.0	65.0	63.5	59.0
060–B	78	53.5	67.0	65.5	67.5	65.5	63.0	60.0
061–A	78	53.5	67.0	65.5	67.5	65.5	63.0	60.0

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

METERING DEVICE

UNIT SIZE – SERIES	REQUIRED SUBCOOLING °F (°C)	INDOOOR
018 –A	10(5.6)	TXV*
024 –A		
030 –A		
036 –A		
042 –A	12(6.7)	
048 –A	9 (5.0)	
049 –A		
060 –B		
061 –A		

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

RECOMMENDED TUBE DIAMETERS

UNIT SIZE	TUBE LENGTH ft. (m)*	LIQUID TUBE DIAMETER (In.)	VAPOR TUBE DIAMETER (In.)
018, 024, 030	0 to 80 (0 to 24.38)	3/8	3/4
036, 042			7/8
048, 049			1–1/8
060, 061			

* For tube set over 80 ft (24.38 m) horizontal and/or 35 ft (10.7 m) vertical differential, consult Residential Piping and Long Line Guideline.



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.**

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 35 ft (10.7 m) vertical differential, consult Residential Piping and Long Line 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. 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

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3128143	PA14NA018(G) -A	†CAP**2414A**+TDR		18,000	11.5	14.0
3128145	PA14NA018(G) -A	CAP**1814A**	PG8*EA024045	17,800	12.5	15.0
3128144	PA14NA018(G) -A	CAP**1814A**+TDR		17,800	11.0	13.5
3128146	PA14NA018(G) -A	CAP**2414A**	PG8*EA024045	18,000	12.5	15.0
3128168	PA14NA018(G) -A	CAP**2417A**	PG9MXA036060	18,000	13.0	16.0
3128147	PA14NA018(G) -A	CAP**2417A**+TDR		18,000	11.5	14.0
3326183	PA14NA018(G) -A	CAP**3014A**	PG8*EA024045	18,000	13.0	16.0
3128157	PA14NA018(G) -A	CNPF*2418A**+TDR		18,000	11.5	14.0
3128154	PA14NA018(G) -A	CNPH*2417A**	PG8*EA024045	18,000	12.5	15.0
3128155	PA14NA018(G) -A	CNPH*2417A**	PG9MTAV36050*A**	18,000	12.5	15.0
3128156	PA14NA018(G) -A	CNPH*2417A**	PG9MTAV36075*A**	18,000	12.5	15.0
3128170	PA14NA018(G) -A	CNPH*2417A**	PG9MXA036060	18,000	13.0	16.0
3128153	PA14NA018(G) -A	CNPH*2417A**+TDR		18,000	11.5	14.0
3326185	PA14NA018(G) -A	CNPH*3017A**	PG8*EA024045	18,000	13.0	16.0
3128149	PA14NA018(G) -A	CNPV*1814A**	PG8*EA024045	17,800	12.5	15.0
3128148	PA14NA018(G) -A	CNPV*1814A**+TDR		17,800	11.0	13.5
3128151	PA14NA018(G) -A	CNPV*2414A**	PG8*EA024045	18,000	12.5	15.0
3128150	PA14NA018(G) -A	CNPV*2414A**+TDR		18,000	11.5	14.0
3128169	PA14NA018(G) -A	CNPV*2417A**	PG9MXA036060	18,000	13.0	16.0
3128152	PA14NA018(G) -A	CNPV*2417A**+TDR		18,000	11.5	14.0
3326184	PA14NA018(G) -A	CNPV*3014A**	PG8*EA024045	18,000	13.0	16.0
3128159	PA14NA018(G) -A	CSPH*2412A**	PG8*EA024045	18,000	12.5	15.0
3128160	PA14NA018(G) -A	CSPH*2412A**	PG9MTAV36050*A**	18,000	12.5	15.0
3128161	PA14NA018(G) -A	CSPH*2412A**	PG9MTAV36075*A**	18,000	12.5	15.0
3128171	PA14NA018(G) -A	CSPH*2412A**	PG9MXA036060	18,000	13.0	16.0
3128158	PA14NA018(G) -A	CSPH*2412A**+TDR		18,000	11.5	14.0
3326186	PA14NA018(G) -A	CSPH*3012A**	PG8*EA024045	18,000	13.0	16.0
3128166	PA14NA018(G) -A	FF1ENP018		17,800	11.0	13.5
3457253	PA14NA018(G) -A	FF1ENP019		18,000	12.5	15.0
3128167	PA14NA018(G) -A	FF1ENP024		18,000	11.5	14.0
3457214	PA14NA018(G) -A	FF1ENP025		18,000	13.0	15.5
3128162	PA14NA018(G) -A	PF4MNA018		17,800	11.0	13.5
3128164	PA14NA018(G) -A	PF4MNA019		18,000	12.5	15.0
3128163	PA14NA018(G) -A	PF4MNA024		18,000	11.0	13.5
3128165	PA14NA018(G) -A	PF4MNA025		18,200	12.5	15.0
3128172	PA14NA024(G) -A	†CAP**3014A**+TDR		23,800	11.5	14.0
3128174	PA14NA024(G) -A	CAP**2414A**	PG8*EA024045	23,400	12.5	15.0
3128173	PA14NA024(G) -A	CAP**2414A**+TDR		23,400	11.5	14.0
3128215	PA14NA024(G) -A	CAP**2417A**	PG9MXA036060	23,400	12.5	15.0
3128216	PA14NA024(G) -A	CAP**2417A**	PG9MXA036080	23,400	12.5	15.0
3128175	PA14NA024(G) -A	CAP**2417A**+TDR		23,400	11.5	14.0
3128176	PA14NA024(G) -A	CAP**3014A**	PG8*EA024045	23,800	12.5	15.0
3128217	PA14NA024(G) -A	CAP**3017A**	PG9MXA036060	23,800	13.0	16.0
3128218	PA14NA024(G) -A	CAP**3017A**	PG9MXA036080	23,800	13.0	16.0
3128177	PA14NA024(G) -A	CAP**3017A**+TDR		23,800	11.5	14.0
3128196	PA14NA024(G) -A	CNPF*2418A**+TDR		23,800	11.5	14.0
3128185	PA14NA024(G) -A	CNPH*2417A**	PG8*EA024045	23,400	12.5	15.0
3128186	PA14NA024(G) -A	CNPH*2417A**	PG9MTAV36050*A**	23,400	12.5	15.0
3128187	PA14NA024(G) -A	CNPH*2417A**	PG9MTAV36075*A**	23,400	12.5	15.0
3128188	PA14NA024(G) -A	CNPH*2417A**	PG9MTAV60100*A**	23,400	12.5	15.0
3128189	PA14NA024(G) -A	CNPH*2417A**	PG9MTAV60125*A**	23,400	12.5	15.0
3128223	PA14NA024(G) -A	CNPH*2417A**	PG9MXA036060	23,400	12.5	15.0
3128224	PA14NA024(G) -A	CNPH*2417A**	PG9MXA036080	23,400	12.5	15.0
3128184	PA14NA024(G) -A	CNPH*2417A**+TDR		23,400	11.5	14.0
3128191	PA14NA024(G) -A	CNPH*3017A**	PG8*EA024045	23,800	12.5	15.0
3128192	PA14NA024(G) -A	CNPH*3017A**	PG9MTAV36050*A**	23,800	12.5	15.0
3128193	PA14NA024(G) -A	CNPH*3017A**	PG9MTAV36075*A**	23,800	12.5	15.0
3128194	PA14NA024(G) -A	CNPH*3017A**	PG9MTAV60100*A**	23,800	12.5	15.0
3128195	PA14NA024(G) -A	CNPH*3017A**	PG9MTAV60125*A**	23,800	12.5	15.0
3128225	PA14NA024(G) -A	CNPH*3017A**	PG9MXA036060	23,800	13.0	16.0
3128226	PA14NA024(G) -A	CNPH*3017A**	PG9MXA036080	23,800	13.0	16.0
3128190	PA14NA024(G) -A	CNPH*3017A**+TDR		23,800	11.5	14.0
3128179	PA14NA024(G) -A	CNPV*2414A**	PG8*EA024045	23,400	12.5	15.0
3128178	PA14NA024(G) -A	CNPV*2414A**+TDR		23,400	11.5	14.0
3128219	PA14NA024(G) -A	CNPV*2417A**	PG9MXA036060	23,400	12.5	15.0
3128220	PA14NA024(G) -A	CNPV*2417A**	PG9MXA036080	23,400	12.5	15.0
3128180	PA14NA024(G) -A	CNPV*2417A**+TDR		23,400	11.5	14.0
3128182	PA14NA024(G) -A	CNPV*3014A**	PG8*EA024045	23,800	12.5	15.0
3128181	PA14NA024(G) -A	CNPV*3014A**+TDR		23,800	11.5	14.0
3128221	PA14NA024(G) -A	CNPV*3017A**	PG9MXA036060	23,800	13.0	16.0
3128222	PA14NA024(G) -A	CNPV*3017A**	PG9MXA036080	23,800	13.0	16.0
3128183	PA14NA024(G) -A	CNPV*3017A**+TDR		23,800	11.5	14.0
3128198	PA14NA024(G) -A	CSPH*2412A**	PG8*EA024045	23,400	12.5	15.0
3128199	PA14NA024(G) -A	CSPH*2412A**	PG9MTAV36050*A**	23,400	12.5	15.0
3128200	PA14NA024(G) -A	CSPH*2412A**	PG9MTAV36075*A**	23,400	12.5	15.0
3128201	PA14NA024(G) -A	CSPH*2412A**	PG9MTAV60100*A**	23,400	12.5	15.0
3128202	PA14NA024(G) -A	CSPH*2412A**	PG9MTAV60125*A**	23,400	12.5	15.0
3128227	PA14NA024(G) -A	CSPH*2412A**	PG9MXA036060	23,400	12.5	15.0

See notes on page 19

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RATINGS AND PERFORMANCE (CONT.)

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3128228	PA14NA024(G) – A	CSPH*2412A**	PG9MXA036080	23,400	12.5	15.0
3128197	PA14NA024(G) – A	CSPH*2412A**+TDR		23,400	11.5	14.0
3128204	PA14NA024(G) – A	CSPH*3012A**	PG8*EA024045	23,800	12.5	15.0
3128205	PA14NA024(G) – A	CSPH*3012A**	PG9MTAV36050*A**	23,800	12.5	15.0
3128206	PA14NA024(G) – A	CSPH*3012A**	PG9MTAV36075*A**	23,800	12.5	15.0
3128207	PA14NA024(G) – A	CSPH*3012A**	PG9MTAV60100*A**	23,800	12.5	15.0
3128208	PA14NA024(G) – A	CSPH*3012A**	PG9MTAV60125*A**	23,800	12.5	15.0
3128229	PA14NA024(G) – A	CSPH*3012A**	PG9MXA036060	23,800	13.0	16.0
3128230	PA14NA024(G) – A	CSPH*3012A**	PG9MXA036080	23,800	13.0	16.0
3128203	PA14NA024(G) – A	CSPH*3012A**+TDR		23,800	11.5	14.0
3326187	PA14NA024(G) – A	CSPH*3612A**	PG9MTAV60125*A**	23,800	13.0	16.0
3128213	PA14NA024(G) – A	FF1ENP024		23,400	11.0	13.5
3457215	PA14NA024(G) – A	FF1ENP025		23,400	12.5	15.0
3128214	PA14NA024(G) – A	FF1ENP030		23,600	11.0	13.5
3457216	PA14NA024(G) – A	FF1ENP031		23,600	12.5	15.0
3128209	PA14NA024(G) – A	PF4MNA024		23,400	11.5	14.0
3128211	PA14NA024(G) – A	PF4MNA025		23,800	12.5	15.0
3128210	PA14NA024(G) – A	PF4MNA030		23,800	11.5	14.0
3128212	PA14NA024(G) – A	PF4MNA031		24,000	12.5	15.0
3128231	PA14NA030(G) – A	†CAP**3014A**+TDR		28,600	11.5	14.0
3128233	PA14NA030(G) – A	CAP**3017A**	PG8*EA048070	28,600	12.5	15.0
3128283	PA14NA030(G) – A	CAP**3017A**	PG9MXA036060	28,600	12.5	15.0
3128284	PA14NA030(G) – A	CAP**3017A**	PG9MXA036080	28,600	12.5	15.0
3128285	PA14NA030(G) – A	CAP**3017A**	PG9MXA048080	28,600	12.5	15.0
3128232	PA14NA030(G) – A	CAP**3017A**+TDR		28,600	11.5	14.0
3128234	PA14NA030(G) – A	CAP**3614A**+TDR		29,000	11.5	14.0
3128236	PA14NA030(G) – A	CAP**3617A**	PG8*EA048070	29,000	12.5	15.0
3128286	PA14NA030(G) – A	CAP**3617A**	PG9MXA036060	29,000	12.5	15.0
3128287	PA14NA030(G) – A	CAP**3617A**	PG9MXA036080	29,000	12.5	15.0
3128288	PA14NA030(G) – A	CAP**3617A**	PG9MXA048080	29,000	12.5	15.0
3128235	PA14NA030(G) – A	CAP**3617A**+TDR		29,000	11.5	14.0
3128240	PA14NA030(G) – A	CAP**3619A**	PG9MTAV36050*A**	29,000	12.5	15.0
3128241	PA14NA030(G) – A	CAP**3619A**	PG9MTAV36075*A**	29,000	12.5	15.0
3128239	PA14NA030(G) – A	CAP**3619A**+TDR		29,000	11.5	14.0
3128238	PA14NA030(G) – A	CAP**3621A**	PG8*EA048090	29,000	12.5	15.0
3128237	PA14NA030(G) – A	CAP**3621A**+TDR		29,000	11.5	14.0
3326188	PA14NA030(G) – A	CAP**4224A**	PG9MTAV60125*A**	29,000	13.0	16.0
3128263	PA14NA030(G) – A	CNPF*3618A**+TDR		29,000	11.5	14.0
3128250	PA14NA030(G) – A	CNPH*3017A**	PG8*EA048070	28,600	12.5	15.0
3128251	PA14NA030(G) – A	CNPH*3017A**	PG8*EA048090	28,600	12.5	15.0
3128252	PA14NA030(G) – A	CNPH*3017A**	PG9MTAV36050*A**	28,600	12.5	15.0
3128253	PA14NA030(G) – A	CNPH*3017A**	PG9MTAV36075*A**	28,600	12.5	15.0
3128254	PA14NA030(G) – A	CNPH*3017A**	PG9MTAV60100*A**	28,600	12.5	15.0
3128255	PA14NA030(G) – A	CNPH*3017A**	PG9MTAV60125*A**	28,600	12.5	15.0
3128295	PA14NA030(G) – A	CNPH*3017A**	PG9MXA036060	28,600	12.5	15.0
3128296	PA14NA030(G) – A	CNPH*3017A**	PG9MXA036080	28,600	12.5	15.0
3128297	PA14NA030(G) – A	CNPH*3017A**	PG9MXA048080	28,600	12.5	15.0
3128249	PA14NA030(G) – A	CNPH*3017A**+TDR		28,600	11.5	14.0
3128257	PA14NA030(G) – A	CNPH*3617A**	PG8*EA048070	29,000	12.5	15.0
3128258	PA14NA030(G) – A	CNPH*3617A**	PG8*EA048090	29,000	12.5	15.0
3128259	PA14NA030(G) – A	CNPH*3617A**	PG9MTAV36050*A**	29,000	12.5	15.0
3128260	PA14NA030(G) – A	CNPH*3617A**	PG9MTAV36075*A**	29,000	12.5	15.0
3128261	PA14NA030(G) – A	CNPH*3617A**	PG9MTAV60100*A**	29,000	12.5	15.0
3128262	PA14NA030(G) – A	CNPH*3617A**	PG9MTAV60125*A**	29,000	12.5	15.0
3128298	PA14NA030(G) – A	CNPH*3617A**	PG9MXA036060	29,000	12.5	15.0
3128299	PA14NA030(G) – A	CNPH*3617A**	PG9MXA036080	29,000	12.5	15.0
3128300	PA14NA030(G) – A	CNPH*3617A**	PG9MXA048080	29,000	12.5	15.0
3128256	PA14NA030(G) – A	CNPH*3617A**+TDR		29,000	11.5	14.0
3326192	PA14NA030(G) – A	CNPH*4221A**	PG9MXA036060	29,000	13.0	16.0
3326193	PA14NA030(G) – A	CNPH*4221A**	PG9MXA036080	29,000	13.0	16.0
3128242	PA14NA030(G) – A	CNPV*3014A**+TDR		28,600	11.5	14.0
3128244	PA14NA030(G) – A	CNPV*3017A**	PG8*EA048070	28,600	12.5	15.0
3128289	PA14NA030(G) – A	CNPV*3017A**	PG9MXA036060	28,600	12.5	15.0
3128290	PA14NA030(G) – A	CNPV*3017A**	PG9MXA036080	28,600	12.5	15.0
3128291	PA14NA030(G) – A	CNPV*3017A**	PG9MXA048080	28,600	12.5	15.0
3128243	PA14NA030(G) – A	CNPV*3017A**+TDR		28,600	11.5	14.0
3128246	PA14NA030(G) – A	CNPV*3617A**	PG8*EA048070	29,000	12.5	15.0
3128292	PA14NA030(G) – A	CNPV*3617A**	PG9MXA036060	29,000	12.5	15.0
3128293	PA14NA030(G) – A	CNPV*3617A**	PG9MXA036080	29,000	12.5	15.0
3128294	PA14NA030(G) – A	CNPV*3617A**	PG9MXA048080	29,000	12.5	15.0
3128245	PA14NA030(G) – A	CNPV*3617A**+TDR		29,000	11.5	14.0
3128248	PA14NA030(G) – A	CNPV*3621A**	PG8*EA048090	29,000	12.5	15.0
3128247	PA14NA030(G) – A	CNPV*3621A**+TDR		29,000	11.5	14.0
3326189	PA14NA030(G) – A	CNPV*4217A**	PG9MXA036060	29,000	13.0	16.0
3326190	PA14NA030(G) – A	CNPV*4217A**	PG9MXA036080	29,000	13.0	16.0
3326191	PA14NA030(G) – A	CNPV*4217A**	PG9MXA048080	29,000	13.0	16.0
3128265	PA14NA030(G) – A	CSPH*3012A**	PG8*EA048070	28,600	12.5	15.0
3128266	PA14NA030(G) – A	CSPH*3012A**	PG8*EA048090	28,600	12.5	15.0

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3128267	PA14NA030(G) -A	CSPH*3012A**	PG9MTAV36050*A**	28,600	12.5	15.0
3128268	PA14NA030(G) -A	CSPH*3012A**	PG9MTAV36075*A**	28,600	12.5	15.0
3128269	PA14NA030(G) -A	CSPH*3012A**	PG9MTAV60100*A**	28,600	12.5	15.0
3128270	PA14NA030(G) -A	CSPH*3012A**	PG9MTAV60125*A**	28,600	12.5	15.0
3128301	PA14NA030(G) -A	CSPH*3012A**	PG9MXA036060	28,600	12.5	15.0
3128302	PA14NA030(G) -A	CSPH*3012A**	PG9MXA036080	28,600	12.5	15.0
3128303	PA14NA030(G) -A	CSPH*3012A**	PG9MXA048080	28,600	12.5	15.0
3128264	PA14NA030(G) -A	CSPH*3012A**+TDR		28,600	11.5	14.0
3128272	PA14NA030(G) -A	CSPH*3612A**	PG8*EA048070	29,000	12.5	15.0
3128273	PA14NA030(G) -A	CSPH*3612A**	PG8*EA048090	29,000	12.5	15.0
3128274	PA14NA030(G) -A	CSPH*3612A**	PG9MTAV36050*A**	29,000	12.5	15.0
3128275	PA14NA030(G) -A	CSPH*3612A**	PG9MTAV36075*A**	29,000	12.5	15.0
3128276	PA14NA030(G) -A	CSPH*3612A**	PG9MTAV60100*A**	29,000	12.5	15.0
3128277	PA14NA030(G) -A	CSPH*3612A**	PG9MTAV60125*A**	29,000	12.5	15.0
3128304	PA14NA030(G) -A	CSPH*3612A**	PG9MXA036060	29,000	12.5	15.0
3128305	PA14NA030(G) -A	CSPH*3612A**	PG9MXA036080	29,000	12.5	15.0
3128306	PA14NA030(G) -A	CSPH*3612A**	PG9MXA048080	29,000	12.5	15.0
3128271	PA14NA030(G) -A	CSPH*3612A**+TDR		29,000	11.5	14.0
3326197	PA14NA030(G) -A	CSPH*4212A**	PG9MTAV60125*A**	29,000	13.0	16.0
3326194	PA14NA030(G) -A	CSPH*4212A**	PG9MXA036060	29,000	13.0	16.0
3326195	PA14NA030(G) -A	CSPH*4212A**	PG9MXA036080	29,000	13.0	16.0
3326196	PA14NA030(G) -A	CSPH*4212A**	PG9MXA048080	29,000	13.0	16.0
3128281	PA14NA030(G) -A	FF1ENP030		28,600	11.5	14.0
3457217	PA14NA030(G) -A	FF1ENP031		29,000	12.5	15.0
3128282	PA14NA030(G) -A	FF1ENP036		29,000	11.5	14.0
3457218	PA14NA030(G) -A	FF1ENP037		29,400	12.2	14.5
3128278	PA14NA030(G) -A	PF4MNA030		28,600	11.5	14.0
3128280	PA14NA030(G) -A	PF4MNA031		29,200	12.5	15.0
3128279	PA14NA030(G) -A	PF4MNA036		29,000	11.5	14.0
3128307	PA14NA036(G) -A	†CAP**4221A**+TDR		35,800	11.5	14.0
3128309	PA14NA036(G) -A	CAP**3614A**	PG8*EA024045	35,000	11.5	14.0
3128308	PA14NA036(G) -A	CAP**3614A**+TDR		35,000	11.5	14.0
3128311	PA14NA036(G) -A	CAP**3617A**	PG8*EA048070	35,000	12.0	14.5
3128372	PA14NA036(G) -A	CAP**3617A**	PG9MXA036060	35,000	12.5	15.0
3128373	PA14NA036(G) -A	CAP**3617A**	PG9MXA036080	35,000	12.5	15.0
3128374	PA14NA036(G) -A	CAP**3617A**	PG9MXA048080	35,000	12.5	15.0
3128310	PA14NA036(G) -A	CAP**3617A**+TDR		35,000	11.5	14.0
3128320	PA14NA036(G) -A	CAP**3619A**	PG9MTAV36050*A**	35,000	11.5	14.0
3128321	PA14NA036(G) -A	CAP**3619A**	PG9MTAV36075*A**	35,000	12.0	14.5
3128319	PA14NA036(G) -A	CAP**3619A**+TDR		35,000	11.5	14.0
3128313	PA14NA036(G) -A	CAP**3621A**	PG8*EA048090	35,000	12.5	15.0
3128314	PA14NA036(G) -A	CAP**3621A**	PG8*EA060110	35,000	12.5	15.0
3128375	PA14NA036(G) -A	CAP**3621A**	PG9MXA060100	35,000	12.5	15.0
3128312	PA14NA036(G) -A	CAP**3621A**+TDR		35,000	11.5	14.0
3128315	PA14NA036(G) -A	CAP**4221A**	PG8*EA048090	35,800	12.5	15.0
3128316	PA14NA036(G) -A	CAP**4221A**	PG8*EA060110	35,800	12.5	15.0
3128376	PA14NA036(G) -A	CAP**4221A**	PG9MXA060100	35,800	12.5	15.0
3128318	PA14NA036(G) -A	CAP**4224A**	PG9MTAV60125*A**	35,800	12.5	15.0
3128317	PA14NA036(G) -A	CAP**4224A**+TDR		35,800	11.5	14.0
3326199	PA14NA036(G) -A	CAP**4823A**	PG9MXA060100	35,800	13.0	16.0
3326198	PA14NA036(G) -A	CAP**4824A**	PG9MXA060100	35,800	13.0	16.0
3326206	PA14NA036(G) -A	CAP**6021A**	PG8*EA048090	35,800	13.0	16.0
3326210	PA14NA036(G) -A	CAP**6021A**	PG9MTAV60125*A**	35,800	13.0	16.0
3326207	PA14NA036(G) -A	CAP**6021A**	PG9MXA036060	35,800	13.0	16.0
3326208	PA14NA036(G) -A	CAP**6021A**	PG9MXA036080	35,800	13.0	16.0
3326209	PA14NA036(G) -A	CAP**6021A**	PG9MXA048080	35,800	13.0	16.0
3326211	PA14NA036(G) -A	CAP**6024A**	PG8*EA048090	35,800	13.0	16.0
3326212	PA14NA036(G) -A	CAP**6024A**	PG9MTAV60125*A**	35,800	13.0	16.0
3128348	PA14NA036(G) -A	CNPF*3618A**+TDR		35,000	11.5	14.0
3128331	PA14NA036(G) -A	CNPH*3617A**	PG8*EA024045	35,000	11.5	14.0
3128332	PA14NA036(G) -A	CNPH*3617A**	PG8*EA048070	35,000	12.0	14.5
3128333	PA14NA036(G) -A	CNPH*3617A**	PG8*EA048090	35,000	12.5	15.0
3128334	PA14NA036(G) -A	CNPH*3617A**	PG8*EA060110	35,000	12.5	15.0
3128335	PA14NA036(G) -A	CNPH*3617A**	PG9MTAV36050*A**	35,000	11.5	14.0
3128336	PA14NA036(G) -A	CNPH*3617A**	PG9MTAV36075*A**	35,000	12.0	14.5
3128337	PA14NA036(G) -A	CNPH*3617A**	PG9MTAV60100*A**	35,000	12.0	14.5
3128338	PA14NA036(G) -A	CNPH*3617A**	PG9MTAV60125*A**	35,000	12.5	15.0
3128387	PA14NA036(G) -A	CNPH*3617A**	PG9MXA036060	35,000	12.5	15.0
3128388	PA14NA036(G) -A	CNPH*3617A**	PG9MXA036080	35,000	12.5	15.0
3128389	PA14NA036(G) -A	CNPH*3617A**	PG9MXA048080	35,000	12.5	15.0
3128390	PA14NA036(G) -A	CNPH*3617A**	PG9MXA060100	35,000	12.5	15.0
3128330	PA14NA036(G) -A	CNPH*3617A**+TDR		35,000	11.5	14.0
3128340	PA14NA036(G) -A	CNPH*4221A**	PG8*EA024045	35,600	12.0	14.5
3128341	PA14NA036(G) -A	CNPH*4221A**	PG8*EA048070	35,600	12.0	14.5
3128342	PA14NA036(G) -A	CNPH*4221A**	PG8*EA048090	35,800	12.5	15.0
3128343	PA14NA036(G) -A	CNPH*4221A**	PG8*EA060110	35,800	12.5	15.0
3128344	PA14NA036(G) -A	CNPH*4221A**	PG9MTAV36050*A**	35,600	11.5	14.0
3128345	PA14NA036(G) -A	CNPH*4221A**	PG9MTAV36075*A**	35,600	12.0	14.5

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3128346	PA14NA036(G) -A	CNPH*4221A**	PG9MTAV60100*A**	35,800	12.5	15.0
3128347	PA14NA036(G) -A	CNPH*4221A**	PG9MTAV60125*A**	35,800	12.5	15.0
3128391	PA14NA036(G) -A	CNPH*4221A**	PG9MXA036060	35,800	12.5	15.0
3128392	PA14NA036(G) -A	CNPH*4221A**	PG9MXA036080	35,800	12.5	15.0
3128393	PA14NA036(G) -A	CNPH*4221A**	PG9MXA048080	35,800	12.5	15.0
3128394	PA14NA036(G) -A	CNPH*4221A**	PG9MXA060100	35,800	12.5	15.0
3128339	PA14NA036(G) -A	CNPH*4221A**+TDR		35,800	11.5	14.0
3326202	PA14NA036(G) -A	CNPH*4821A**	PG8*EA060110	35,800	13.0	16.0
3326203	PA14NA036(G) -A	CNPH*4821A**	PG9MXA060100	35,800	13.0	16.0
3326215	PA14NA036(G) -A	CNPH*6024A**	PG8*EA048090	35,800	13.0	16.0
3326219	PA14NA036(G) -A	CNPH*6024A**	PG9MTAV60125*A**	35,800	13.0	16.0
3326216	PA14NA036(G) -A	CNPH*6024A**	PG9MXA036060	35,800	13.0	16.0
3326217	PA14NA036(G) -A	CNPH*6024A**	PG9MXA036080	35,800	13.0	16.0
3326218	PA14NA036(G) -A	CNPH*6024A**	PG9MXA048080	35,800	13.0	16.0
3128323	PA14NA036(G) -A	CNPV*3617A**	PG8*EA048070	35,000	12.0	14.5
3128377	PA14NA036(G) -A	CNPV*3617A**	PG9MXA036060	35,000	12.5	15.0
3128378	PA14NA036(G) -A	CNPV*3617A**	PG9MXA036080	35,000	12.5	15.0
3128379	PA14NA036(G) -A	CNPV*3617A**	PG9MXA048080	35,000	12.5	15.0
3128322	PA14NA036(G) -A	CNPV*3617A**+TDR		35,000	11.5	14.0
3128325	PA14NA036(G) -A	CNPV*3621A**	PG8*EA048090	35,000	12.5	15.0
3128326	PA14NA036(G) -A	CNPV*3621A**	PG8*EA060110	35,000	12.5	15.0
3128380	PA14NA036(G) -A	CNPV*3621A**	PG9MXA060100	35,000	12.5	15.0
3128324	PA14NA036(G) -A	CNPV*3621A**+TDR		35,000	11.5	14.0
3128382	PA14NA036(G) -A	CNPV*4217A**	PG8*EA048070	35,800	12.5	15.0
3128383	PA14NA036(G) -A	CNPV*4217A**	PG9MXA036060	35,800	12.5	15.0
3128384	PA14NA036(G) -A	CNPV*4217A**	PG9MXA036080	35,800	12.5	15.0
3128385	PA14NA036(G) -A	CNPV*4217A**	PG9MXA048080	35,800	12.5	15.0
3128381	PA14NA036(G) -A	CNPV*4217A**+TDR		35,800	11.5	14.0
3128328	PA14NA036(G) -A	CNPV*4221A**	PG8*EA048090	35,800	12.5	15.0
3128329	PA14NA036(G) -A	CNPV*4221A**	PG8*EA060110	35,800	12.5	15.0
3128386	PA14NA036(G) -A	CNPV*4221A**	PG9MXA060100	35,800	12.5	15.0
3128327	PA14NA036(G) -A	CNPV*4221A**+TDR		35,800	11.5	14.0
3326200	PA14NA036(G) -A	CNPV*4821A**	PG8*EA060110	35,800	13.0	16.0
3326201	PA14NA036(G) -A	CNPV*4821A**	PG9MXA060100	35,800	13.0	16.0
3326213	PA14NA036(G) -A	CNPV*6024A**	PG8*EA048090	35,800	13.0	16.0
3326214	PA14NA036(G) -A	CNPV*6024A**	PG9MTAV60125*A**	35,800	13.0	16.0
3128350	PA14NA036(G) -A	CSPH*3612A**	PG8*EA024045	35,000	12.0	14.5
3128351	PA14NA036(G) -A	CSPH*3612A**	PG8*EA048070	35,000	12.5	15.0
3128352	PA14NA036(G) -A	CSPH*3612A**	PG8*EA048090	35,000	12.5	15.0
3128353	PA14NA036(G) -A	CSPH*3612A**	PG8*EA060110	35,000	12.5	15.0
3128354	PA14NA036(G) -A	CSPH*3612A**	PG9MTAV36050*A**	35,000	12.0	14.5
3128355	PA14NA036(G) -A	CSPH*3612A**	PG9MTAV36075*A**	35,000	12.0	14.5
3128356	PA14NA036(G) -A	CSPH*3612A**	PG9MTAV60100*A**	35,000	12.5	15.0
3128357	PA14NA036(G) -A	CSPH*3612A**	PG9MTAV60125*A**	35,000	12.5	15.0
3128395	PA14NA036(G) -A	CSPH*3612A**	PG9MXA036060	35,000	12.5	15.0
3128396	PA14NA036(G) -A	CSPH*3612A**	PG9MXA036080	35,000	12.5	15.0
3128397	PA14NA036(G) -A	CSPH*3612A**	PG9MXA048080	35,000	12.5	15.0
3128398	PA14NA036(G) -A	CSPH*3612A**	PG9MXA060100	35,000	12.5	15.0
3128349	PA14NA036(G) -A	CSPH*3612A**+TDR		35,000	11.5	14.0
3128359	PA14NA036(G) -A	CSPH*4212A**	PG8*EA024045	35,800	12.0	14.5
3128360	PA14NA036(G) -A	CSPH*4212A**	PG8*EA048070	35,800	12.5	15.0
3128361	PA14NA036(G) -A	CSPH*4212A**	PG8*EA048090	35,800	12.5	15.0
3128362	PA14NA036(G) -A	CSPH*4212A**	PG8*EA060110	35,800	12.5	15.0
3128363	PA14NA036(G) -A	CSPH*4212A**	PG9MTAV36050*A**	35,800	12.0	14.5
3128364	PA14NA036(G) -A	CSPH*4212A**	PG9MTAV36075*A**	35,800	12.0	14.5
3128365	PA14NA036(G) -A	CSPH*4212A**	PG9MTAV60100*A**	35,800	12.5	15.0
3128366	PA14NA036(G) -A	CSPH*4212A**	PG9MTAV60125*A**	35,800	12.5	15.0
3128399	PA14NA036(G) -A	CSPH*4212A**	PG9MXA036060	35,800	12.5	15.0
3128400	PA14NA036(G) -A	CSPH*4212A**	PG9MXA036080	35,800	12.5	15.0
3128401	PA14NA036(G) -A	CSPH*4212A**	PG9MXA048080	35,800	12.5	15.0
3128402	PA14NA036(G) -A	CSPH*4212A**	PG9MXA060100	35,800	12.5	15.0
3128358	PA14NA036(G) -A	CSPH*4212A**+TDR		35,800	11.5	14.0
3326204	PA14NA036(G) -A	CSPH*4812A**	PG8*EA060110	35,800	13.0	16.0
3326205	PA14NA036(G) -A	CSPH*4812A**	PG9MXA060100	35,800	13.0	16.0
3326220	PA14NA036(G) -A	CSPH*6012A**	PG8*EA048090	35,800	13.0	16.0
3326224	PA14NA036(G) -A	CSPH*6012A**	PG9MTAV60125*A**	35,800	13.0	16.0
3326221	PA14NA036(G) -A	CSPH*6012A**	PG9MXA036060	35,800	13.0	16.0
3326222	PA14NA036(G) -A	CSPH*6012A**	PG9MXA036080	35,800	13.0	16.0
3326223	PA14NA036(G) -A	CSPH*6012A**	PG9MXA048080	35,800	13.0	16.0
3128371	PA14NA036(G) -A	FF1ENP036		35,000	11.5	14.0
3128367	PA14NA036(G) -A	PF4MNA036		35,600	11.5	14.0
3128369	PA14NA036(G) -A	PF4MNA037		35,800	12.5	15.0
3128368	PA14NA036(G) -A	PF4MNA042		35,800	11.5	14.0
3128370	PA14NA036(G) -A	PF4MNA043		36,400	12.5	15.0
3128403	PA14NA042(G) -A	†CAP**4821A**+TDR		40,500	11.5	14.0
3128405	PA14NA042(G) -A	CAP**4221A**	PG8*EA048090	40,000	12.0	14.5
3128406	PA14NA042(G) -A	CAP**4221A**	PG8*EA060110	40,000	12.0	14.5
3128467	PA14NA042(G) -A	CAP**4221A**	PG9MXA060100	40,000	12.0	14.5

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3128404	PA14NA042(G) - A	CAP**4221A** + TDR		40,000	11.0	13.5
3128408	PA14NA042(G) - A	CAP**4224A**	PG8*EA060135	40,000	12.0	14.5
3128409	PA14NA042(G) - A	CAP**4224A**	PG9MTAV60125*A**	40,000	12.0	14.5
3128468	PA14NA042(G) - A	CAP**4224A**	PG9MXA060120	40,000	12.0	14.5
3128407	PA14NA042(G) - A	CAP**4224A** + TDR		40,000	11.0	13.5
3128411	PA14NA042(G) - A	CAP**4817A**	PG8*EA048070	40,500	12.0	14.5
3128469	PA14NA042(G) - A	CAP**4817A**	PG9MXA036060	40,500	12.5	15.0
3128470	PA14NA042(G) - A	CAP**4817A**	PG9MXA036080	40,500	12.5	15.0
3128471	PA14NA042(G) - A	CAP**4817A**	PG9MXA048080	40,500	12.0	14.5
3128410	PA14NA042(G) - A	CAP**4817A** + TDR		40,500	11.5	14.0
3128412	PA14NA042(G) - A	CAP**4821A**	PG8*EA048090	40,500	12.5	15.0
3128413	PA14NA042(G) - A	CAP**4821A**	PG8*EA060110	40,500	12.5	15.0
3128472	PA14NA042(G) - A	CAP**4821A**	PG9MXA060100	40,500	12.5	15.0
3128418	PA14NA042(G) - A	CAP**4823A**	PG8*EA048090	40,500	12.5	15.0
3128419	PA14NA042(G) - A	CAP**4823A**	PG8*EA060110	40,500	12.5	15.0
3128420	PA14NA042(G) - A	CAP**4823A**	PG9MTAV60100*A**	40,500	12.0	14.5
3128417	PA14NA042(G) - A	CAP**4823A** + TDR		40,500	11.5	14.0
3128415	PA14NA042(G) - A	CAP**4824A**	PG8*EA060135	40,500	12.5	15.0
3128416	PA14NA042(G) - A	CAP**4824A**	PG9MTAV60125*A**	40,500	12.5	15.0
3128473	PA14NA042(G) - A	CAP**4824A**	PG9MXA060120	40,500	12.5	15.0
3128414	PA14NA042(G) - A	CAP**4824A** + TDR		40,500	11.5	14.0
3351623	PA14NA042(G) - A	CAP**6021A**	PG8*EA048090	41,500	13.0	16.0
3351624	PA14NA042(G) - A	CAP**6021A**	PG8*EA060110	41,500	13.0	16.0
3351625	PA14NA042(G) - A	CAP**6021A**	PG8*EA060135	41,500	13.0	16.0
3351626	PA14NA042(G) - A	CAP**6021A**	PG9MXA060100	41,500	13.0	16.0
3351627	PA14NA042(G) - A	CAP**6021A**	PG9MXA060120	41,500	13.0	16.0
3351628	PA14NA042(G) - A	CAP**6024A**	PG8*EA048090	41,500	13.0	16.0
3351629	PA14NA042(G) - A	CAP**6024A**	PG8*EA060110	41,500	13.0	16.0
3351630	PA14NA042(G) - A	CAP**6024A**	PG8*EA060135	41,500	13.0	16.0
3351631	PA14NA042(G) - A	CAP**6024A**	PG9MXA060100	41,500	13.0	16.0
3351632	PA14NA042(G) - A	CAP**6024A**	PG9MXA060120	41,500	13.0	16.0
3351622	PA14NA042(G) - A	CAP**6024A** + TDR		41,500	12.0	14.5
3351633	PA14NA042(G) - A	CAP**6025A**	PG8*EA048090	41,500	13.0	16.0
3351634	PA14NA042(G) - A	CAP**6025A**	PG8*EA060110	41,500	13.0	16.0
3351635	PA14NA042(G) - A	CAP**6025A**	PG8*EA060135	41,500	13.0	16.0
3351636	PA14NA042(G) - A	CAP**6025A**	PG9MXA060100	41,500	13.0	16.0
3351637	PA14NA042(G) - A	CAP**6025A**	PG9MXA060120	41,500	13.0	16.0
3128446	PA14NA042(G) - A	CNPF*4818A** + TDR		40,500	11.5	14.0
3128431	PA14NA042(G) - A	CNPH*4221A**	PG8*EA048070	40,000	11.5	14.0
3128432	PA14NA042(G) - A	CNPH*4221A**	PG8*EA048090	40,000	12.0	14.5
3128433	PA14NA042(G) - A	CNPH*4221A**	PG8*EA060110	40,000	12.0	14.5
3128434	PA14NA042(G) - A	CNPH*4221A**	PG8*EA060135	40,000	12.0	14.5
3128435	PA14NA042(G) - A	CNPH*4221A**	PG9MTAV36075*A**	39,500	11.0	13.5
3128436	PA14NA042(G) - A	CNPH*4221A**	PG9MTAV60100*A**	40,000	12.0	14.5
3128437	PA14NA042(G) - A	CNPH*4221A**	PG9MTAV60125*A**	40,000	12.0	14.5
3128481	PA14NA042(G) - A	CNPH*4221A**	PG9MXA036060	40,000	12.0	14.5
3128482	PA14NA042(G) - A	CNPH*4221A**	PG9MXA036080	40,000	12.0	14.5
3128483	PA14NA042(G) - A	CNPH*4221A**	PG9MXA048080	40,000	12.0	14.5
3128484	PA14NA042(G) - A	CNPH*4221A**	PG9MXA060100	40,000	12.0	14.5
3128485	PA14NA042(G) - A	CNPH*4221A**	PG9MXA060120	40,000	12.0	14.5
3128430	PA14NA042(G) - A	CNPH*4221A** + TDR		40,000	11.0	13.5
3128439	PA14NA042(G) - A	CNPH*4821A**	PG8*EA048070	40,500	11.5	14.0
3128440	PA14NA042(G) - A	CNPH*4821A**	PG8*EA048090	40,500	12.5	15.0
3128441	PA14NA042(G) - A	CNPH*4821A**	PG8*EA060110	40,500	12.5	15.0
3128442	PA14NA042(G) - A	CNPH*4821A**	PG8*EA060135	40,500	12.5	15.0
3128443	PA14NA042(G) - A	CNPH*4821A**	PG9MTAV36075*A**	40,500	11.5	14.0
3128444	PA14NA042(G) - A	CNPH*4821A**	PG9MTAV60100*A**	40,500	12.0	14.5
3128445	PA14NA042(G) - A	CNPH*4821A**	PG9MTAV60125*A**	40,500	12.5	15.0
3128486	PA14NA042(G) - A	CNPH*4821A**	PG9MXA036060	40,500	12.5	15.0
3128487	PA14NA042(G) - A	CNPH*4821A**	PG9MXA036080	40,500	12.5	15.0
3128488	PA14NA042(G) - A	CNPH*4821A**	PG9MXA048080	40,500	12.5	15.0
3128489	PA14NA042(G) - A	CNPH*4821A**	PG9MXA060100	40,500	12.5	15.0
3128490	PA14NA042(G) - A	CNPH*4821A**	PG9MXA060120	40,500	12.5	15.0
3128438	PA14NA042(G) - A	CNPH*4821A** + TDR		40,500	11.5	14.0
3351643	PA14NA042(G) - A	CNPH*6024A**	PG8*EA048090	41,500	13.0	16.0
3351644	PA14NA042(G) - A	CNPH*6024A**	PG8*EA060110	41,500	13.0	16.0
3351645	PA14NA042(G) - A	CNPH*6024A**	PG8*EA060135	41,500	13.0	16.0
3351646	PA14NA042(G) - A	CNPH*6024A**	PG9MXA060100	41,500	13.0	16.0
3351647	PA14NA042(G) - A	CNPH*6024A**	PG9MXA060120	41,500	13.0	16.0
3128475	PA14NA042(G) - A	CNPV*4217A**	PG9MXA036060	40,000	12.0	14.5
3128476	PA14NA042(G) - A	CNPV*4217A**	PG9MXA036080	40,000	12.0	14.5
3128477	PA14NA042(G) - A	CNPV*4217A**	PG9MXA048080	40,000	12.0	14.5
3128474	PA14NA042(G) - A	CNPV*4217A** + TDR		40,000	11.0	13.5
3128422	PA14NA042(G) - A	CNPV*4221A**	PG8*EA048090	40,000	12.0	14.5
3128423	PA14NA042(G) - A	CNPV*4221A**	PG8*EA060110	40,000	12.0	14.5
3128478	PA14NA042(G) - A	CNPV*4221A**	PG9MXA060100	40,000	12.0	14.5
3128421	PA14NA042(G) - A	CNPV*4221A** + TDR		40,000	11.0	13.5
3128425	PA14NA042(G) - A	CNPV*4821A**	PG8*EA048090	40,500	12.5	15.0
3128426	PA14NA042(G) - A	CNPV*4821A**	PG8*EA060110	40,500	12.5	15.0

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3128479	PA14NA042(G) - A	CNPV*4821A**	PG9MXA060100	40,500	12.5	15.0
3128424	PA14NA042(G) - A	CNPV*4821A**+TDR		40,500	11.5	14.0
3128428	PA14NA042(G) - A	CNPV*4824A**	PG8*EA060135	40,500	12.5	15.0
3128429	PA14NA042(G) - A	CNPV*4824A**	PG9MTAV60125*A**	40,500	12.5	15.0
3128480	PA14NA042(G) - A	CNPV*4824A**	PG9MXA060120	40,500	12.5	15.0
3128427	PA14NA042(G) - A	CNPV*4824A**+TDR		40,500	11.5	14.0
3351638	PA14NA042(G) - A	CNPV*6024A**	PG8*EA048090	41,500	13.0	16.0
3351639	PA14NA042(G) - A	CNPV*6024A**	PG8*EA060110	41,500	13.0	16.0
3351640	PA14NA042(G) - A	CNPV*6024A**	PG8*EA060135	41,500	13.0	16.0
3351641	PA14NA042(G) - A	CNPV*6024A**	PG9MXA060100	41,500	13.0	16.0
3351642	PA14NA042(G) - A	CNPV*6024A**	PG9MXA060120	41,500	13.0	16.0
3128448	PA14NA042(G) - A	CSPH*4212A**	PG8*EA048070	40,000	11.5	14.0
3128449	PA14NA042(G) - A	CSPH*4212A**	PG8*EA048090	40,000	12.0	14.5
3128450	PA14NA042(G) - A	CSPH*4212A**	PG8*EA060110	40,000	12.0	14.5
3128451	PA14NA042(G) - A	CSPH*4212A**	PG8*EA060135	40,000	12.0	14.5
3128452	PA14NA042(G) - A	CSPH*4212A**	PG9MTAV36075*A**	40,000	11.5	14.0
3128453	PA14NA042(G) - A	CSPH*4212A**	PG9MTAV60100*A**	40,000	12.0	14.5
3128454	PA14NA042(G) - A	CSPH*4212A**	PG9MTAV60125*A**	40,000	12.0	14.5
3128491	PA14NA042(G) - A	CSPH*4212A**	PG9MXA036060	40,000	12.0	14.5
3128492	PA14NA042(G) - A	CSPH*4212A**	PG9MXA036080	40,000	12.0	14.5
3128493	PA14NA042(G) - A	CSPH*4212A**	PG9MXA048080	40,000	12.0	14.5
3128494	PA14NA042(G) - A	CSPH*4212A**	PG9MXA060100	40,000	12.0	14.5
3128495	PA14NA042(G) - A	CSPH*4212A**	PG9MXA060120	40,000	12.0	14.5
3128447	PA14NA042(G) - A	CSPH*4212A**+TDR		40,000	11.0	13.5
3128456	PA14NA042(G) - A	CSPH*4812A**	PG8*EA048070	40,500	12.0	14.5
3128457	PA14NA042(G) - A	CSPH*4812A**	PG8*EA048090	40,500	12.5	15.0
3128458	PA14NA042(G) - A	CSPH*4812A**	PG8*EA060110	40,500	12.5	15.0
3128459	PA14NA042(G) - A	CSPH*4812A**	PG8*EA060135	40,500	12.5	15.0
3128460	PA14NA042(G) - A	CSPH*4812A**	PG9MTAV36075*A**	40,500	11.5	14.0
3128461	PA14NA042(G) - A	CSPH*4812A**	PG9MTAV60100*A**	40,500	12.0	14.5
3128462	PA14NA042(G) - A	CSPH*4812A**	PG9MTAV60125*A**	40,500	12.5	15.0
3128496	PA14NA042(G) - A	CSPH*4812A**	PG9MXA036060	40,500	12.5	15.0
3128497	PA14NA042(G) - A	CSPH*4812A**	PG9MXA036080	40,500	12.5	15.0
3128498	PA14NA042(G) - A	CSPH*4812A**	PG9MXA048080	40,500	12.5	15.0
3128499	PA14NA042(G) - A	CSPH*4812A**	PG9MXA060100	40,500	12.5	15.0
3128500	PA14NA042(G) - A	CSPH*4812A**	PG9MXA060120	40,500	12.5	15.0
3128455	PA14NA042(G) - A	CSPH*4812A**+TDR		40,500	11.5	14.0
3351648	PA14NA042(G) - A	CSPH*6012A**	PG8*EA048090	41,500	13.0	16.0
3351649	PA14NA042(G) - A	CSPH*6012A**	PG8*EA060110	41,500	13.0	16.0
3351650	PA14NA042(G) - A	CSPH*6012A**	PG8*EA060135	41,500	13.0	16.0
3351651	PA14NA042(G) - A	CSPH*6012A**	PG9MXA060100	41,500	13.0	16.0
3351652	PA14NA042(G) - A	CSPH*6012A**	PG9MXA060120	41,500	13.0	16.0
3128463	PA14NA042(G) - A	PF4MNA042		40,000	11.0	13.5
3128465	PA14NA042(G) - A	PF4MNA043		40,500	12.0	14.5
3128464	PA14NA042(G) - A	PF4MNA048		40,500	11.0	13.5
3128466	PA14NA042(G) - A	PF4MNA049		40,500	12.5	15.0
3128501	PA14NA048(G) - A	†CAP**6024A**+TDR		47,500	11.5	14.0
3128503	PA14NA048(G) - A	CAP**4817A**	PG8*EA048070	47,000	11.0	13.5
3128564	PA14NA048(G) - A	CAP**4817A**	PG9MXA048080	47,000	12.0	14.5
3128502	PA14NA048(G) - A	CAP**4817A**+TDR		47,000	11.5	14.0
3128505	PA14NA048(G) - A	CAP**4821A**	PG8*EA048090	47,000	12.0	14.5
3128506	PA14NA048(G) - A	CAP**4821A**	PG8*EA060110	47,000	12.0	14.5
3128565	PA14NA048(G) - A	CAP**4821A**	PG9MXA060100	47,000	12.0	14.5
3128504	PA14NA048(G) - A	CAP**4821A**+TDR		47,000	11.5	14.0
3128516	PA14NA048(G) - A	CAP**4823A**	PG8*EA048090	47,000	12.0	14.5
3128517	PA14NA048(G) - A	CAP**4823A**	PG8*EA060110	47,000	12.0	14.5
3128518	PA14NA048(G) - A	CAP**4823A**	PG9MTAV60100*A**	47,000	11.5	14.0
3128569	PA14NA048(G) - A	CAP**4823A**	PG9MXA060100	47,000	12.0	14.5
3128515	PA14NA048(G) - A	CAP**4823A**+TDR		47,000	11.5	14.0
3128508	PA14NA048(G) - A	CAP**4824A**	PG8*EA060135	47,000	12.0	14.5
3128509	PA14NA048(G) - A	CAP**4824A**	PG9MTAV60125*A**	47,000	12.0	14.5
3128566	PA14NA048(G) - A	CAP**4824A**	PG9MXA060120	47,000	12.0	14.5
3128507	PA14NA048(G) - A	CAP**4824A**+TDR		47,000	11.5	14.0
3128511	PA14NA048(G) - A	CAP**6021A**	PG8*EA048090	47,500	12.5	15.0
3128512	PA14NA048(G) - A	CAP**6021A**	PG8*EA060110	47,500	12.5	15.0
3128567	PA14NA048(G) - A	CAP**6021A**	PG9MXA060100	47,500	12.5	15.0
3128510	PA14NA048(G) - A	CAP**6021A**+TDR		47,500	11.5	14.0
3128513	PA14NA048(G) - A	CAP**6024A**	PG8*EA060135	47,500	12.5	15.0
3128514	PA14NA048(G) - A	CAP**6024A**	PG9MTAV60125*A**	47,500	12.0	14.5
3128568	PA14NA048(G) - A	CAP**6024A**	PG9MXA060120	47,500	12.5	15.0
3128520	PA14NA048(G) - A	CAP**6025A**	PG8*EA060135	47,500	12.5	15.0
3128521	PA14NA048(G) - A	CAP**6025A**	PG9MTAV60125*A**	47,500	12.0	14.5
3128570	PA14NA048(G) - A	CAP**6025A**	PG9MXA060120	47,500	12.5	15.0
3128519	PA14NA048(G) - A	CAP**6025A**+TDR		47,500	11.5	14.0
3128545	PA14NA048(G) - A	CNPF*4818A**+TDR		47,000	11.5	14.0
3128532	PA14NA048(G) - A	CNPH*4821A**	PG8*EA048070	47,000	11.0	13.5
3128533	PA14NA048(G) - A	CNPH*4821A**	PG8*EA048090	47,000	12.0	14.5
3128534	PA14NA048(G) - A	CNPH*4821A**	PG8*EA060110	47,000	12.0	14.5

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3128535	PA14NA048(G) – A	CNPH*4821A**	PG8*EA060135	47,000	12.0	14.5
3128536	PA14NA048(G) – A	CNPH*4821A**	PG9MTAV60100*A**	47,000	11.5	14.0
3128537	PA14NA048(G) – A	CNPH*4821A**	PG9MTAV60125*A**	47,000	12.0	14.5
3128574	PA14NA048(G) – A	CNPH*4821A**	PG9MXA048080	47,000	12.0	14.5
3128575	PA14NA048(G) – A	CNPH*4821A**	PG9MXA060120	47,000	12.0	14.5
3128531	PA14NA048(G) – A	CNPH*4821A** + TDR		47,000	11.5	14.0
3128539	PA14NA048(G) – A	CNPH*6024A**	PG8*EA048070	47,500	11.5	14.0
3128540	PA14NA048(G) – A	CNPH*6024A**	PG8*EA048090	47,500	12.0	14.5
3128541	PA14NA048(G) – A	CNPH*6024A**	PG8*EA060110	47,500	12.5	15.0
3128542	PA14NA048(G) – A	CNPH*6024A**	PG8*EA060135	47,500	12.5	15.0
3128543	PA14NA048(G) – A	CNPH*6024A**	PG9MTAV60100*A**	47,500	12.0	14.5
3128544	PA14NA048(G) – A	CNPH*6024A**	PG9MTAV60125*A**	47,500	12.0	14.5
3128576	PA14NA048(G) – A	CNPH*6024A**	PG9MXA048080	47,500	12.0	14.5
3128577	PA14NA048(G) – A	CNPH*6024A**	PG9MXA060100	47,500	12.5	15.0
3128578	PA14NA048(G) – A	CNPH*6024A**	PG9MXA060120	47,500	12.5	15.0
3128538	PA14NA048(G) – A	CNPH*6024A** + TDR		47,500	11.5	14.0
3128523	PA14NA048(G) – A	CNPV*4821A**	PG8*EA048090	47,000	12.0	14.5
3128524	PA14NA048(G) – A	CNPV*4821A**	PG8*EA060110	47,000	12.0	14.5
3128571	PA14NA048(G) – A	CNPV*4821A**	PG9MXA060100	47,000	12.0	14.5
3128522	PA14NA048(G) – A	CNPV*4821A** + TDR		47,000	11.5	14.0
3128526	PA14NA048(G) – A	CNPV*4824A**	PG8*EA060135	47,000	12.0	14.5
3128527	PA14NA048(G) – A	CNPV*4824A**	PG9MTAV60125*A**	47,000	12.0	14.5
3128572	PA14NA048(G) – A	CNPV*4824A**	PG9MXA060120	47,000	12.0	14.5
3128525	PA14NA048(G) – A	CNPV*4824A** + TDR		47,000	11.5	14.0
3128529	PA14NA048(G) – A	CNPV*6024A**	PG8*EA060135	47,500	12.5	15.0
3128530	PA14NA048(G) – A	CNPV*6024A**	PG9MTAV60125*A**	47,500	12.0	14.5
3128573	PA14NA048(G) – A	CNPV*6024A**	PG9MXA060120	47,500	12.5	15.0
3128528	PA14NA048(G) – A	CNPV*6024A** + TDR		47,500	11.5	14.0
3128547	PA14NA048(G) – A	CSPH*4812A**	PG8*EA048070	47,000	11.0	13.5
3128548	PA14NA048(G) – A	CSPH*4812A**	PG8*EA048090	47,000	12.0	14.5
3128549	PA14NA048(G) – A	CSPH*4812A**	PG8*EA060110	47,000	12.0	14.5
3128550	PA14NA048(G) – A	CSPH*4812A**	PG8*EA060135	47,000	12.0	14.5
3128551	PA14NA048(G) – A	CSPH*4812A**	PG9MTAV60100*A**	47,000	12.0	14.5
3128552	PA14NA048(G) – A	CSPH*4812A**	PG9MTAV60125*A**	47,000	12.0	14.5
3128579	PA14NA048(G) – A	CSPH*4812A**	PG9MXA048080	47,000	12.0	14.5
3128580	PA14NA048(G) – A	CSPH*4812A**	PG9MXA060100	47,000	12.0	14.5
3128581	PA14NA048(G) – A	CSPH*4812A**	PG9MXA060120	47,000	12.0	14.5
3128546	PA14NA048(G) – A	CSPH*4812A** + TDR		47,000	11.5	14.0
3128554	PA14NA048(G) – A	CSPH*6012A**	PG8*EA048070	47,500	11.5	14.0
3128555	PA14NA048(G) – A	CSPH*6012A**	PG8*EA048090	47,500	12.5	15.0
3128556	PA14NA048(G) – A	CSPH*6012A**	PG8*EA060110	47,500	12.5	15.0
3128557	PA14NA048(G) – A	CSPH*6012A**	PG8*EA060135	47,500	12.5	15.0
3128558	PA14NA048(G) – A	CSPH*6012A**	PG9MTAV60100*A**	47,500	12.0	14.5
3128559	PA14NA048(G) – A	CSPH*6012A**	PG9MTAV60125*A**	47,500	12.0	14.5
3128582	PA14NA048(G) – A	CSPH*6012A**	PG9MXA048080	47,500	12.0	14.5
3128583	PA14NA048(G) – A	CSPH*6012A**	PG9MXA060100	47,500	12.5	15.0
3128584	PA14NA048(G) – A	CSPH*6012A**	PG9MXA060120	47,500	12.5	15.0
3128553	PA14NA048(G) – A	CSPH*6012A** + TDR		47,500	11.5	14.0
3128560	PA14NA048(G) – A	PF4MNA048		47,000	11.5	14.0
3128562	PA14NA048(G) – A	PF4MNA049		48,000	12.0	14.5
3128561	PA14NA048(G) – A	PF4MNA060		47,500	11.5	14.0
3128563	PA14NA048(G) – A	PF4MNA061		48,500	12.5	15.0
3382536	PA14NA049(0,G) – A	†CAP**6024A** + TDR		46,000	12.5	14.5
3382538	PA14NA049(0,G) – A	CAP**4817A**	PG9MXA048080	44,000	12.5	15.0
3382537	PA14NA049(0,G) – A	CAP**4817A** + TDR		44,000	12.5	14.5
3382540	PA14NA049(0,G) – A	CAP**4821A**	PG8*EA048090	44,500	12.5	15.0
3382541	PA14NA049(0,G) – A	CAP**4821A**	PG8*EA060110	44,500	12.5	15.5
3382542	PA14NA049(0,G) – A	CAP**4821A**	PG9MXA060100	44,500	12.5	15.0
3382539	PA14NA049(0,G) – A	CAP**4821A** + TDR		45,000	12.0	14.2
3382555	PA14NA049(0,G) – A	CAP**4823A**	PG8*EA048090	44,500	12.5	15.0
3382556	PA14NA049(0,G) – A	CAP**4823A**	PG8*EA060110	44,500	12.5	15.5
3382558	PA14NA049(0,G) – A	CAP**4823A**	PG9MTAV60100*A**	44,500	12.5	15.0
3382557	PA14NA049(0,G) – A	CAP**4823A**	PG9MXA060100	44,500	12.5	15.0
3382554	PA14NA049(0,G) – A	CAP**4823A** + TDR		45,000	12.0	14.2
3382544	PA14NA049(0,G) – A	CAP**4824A**	PG8*EA060135	44,500	12.5	15.0
3382546	PA14NA049(0,G) – A	CAP**4824A**	PG9MTAV60125*A**	44,500	12.5	15.0
3382545	PA14NA049(0,G) – A	CAP**4824A**	PG9MXA060120	45,000	12.5	15.5
3382543	PA14NA049(0,G) – A	CAP**4824A** + TDR		45,000	12.0	14.2
3382548	PA14NA049(0,G) – A	CAP**6021A**	PG8*EA048090	45,500	13.0	16.0
3382549	PA14NA049(0,G) – A	CAP**6021A**	PG8*EA060110	45,500	13.0	16.0
3382550	PA14NA049(0,G) – A	CAP**6021A**	PG9MXA060100	45,500	13.0	16.0
3382547	PA14NA049(0,G) – A	CAP**6021A** + TDR		46,000	12.5	14.5
3382551	PA14NA049(0,G) – A	CAP**6024A**	PG8*EA060135	45,500	13.0	16.0
3382553	PA14NA049(0,G) – A	CAP**6024A**	PG9MTAV60125*A**	45,500	12.5	15.5
3382552	PA14NA049(0,G) – A	CAP**6024A**	PG9MXA060120	45,500	13.0	16.0
3382560	PA14NA049(0,G) – A	CAP**6025A**	PG8*EA060135	45,500	13.0	16.0
3382562	PA14NA049(0,G) – A	CAP**6025A**	PG9MTAV60125*A**	45,500	12.5	15.5
3382561	PA14NA049(0,G) – A	CAP**6025A**	PG9MXA060120	45,500	13.0	16.0

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PA14NA

RATINGS AND PERFORMANCE (CONT.)

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3382559	PA14NA049(0,G)–A	CAP**6025A**+TDR		46,000	12.5	14.5
3382593	PA14NA049(0,G)–A	CNPF*4818A**+TDR		44,000	12.0	14.2
3382576	PA14NA049(0,G)–A	CNPH*4821A**	PG8*EA048090	45,000	12.5	15.0
3382577	PA14NA049(0,G)–A	CNPH*4821A**	PG8*EA060110	45,000	13.0	16.0
3382578	PA14NA049(0,G)–A	CNPH*4821A**	PG8*EA060135	45,000	12.5	15.5
3382582	PA14NA049(0,G)–A	CNPH*4821A**	PG9MTAV60100*A**	45,000	12.5	15.0
3382583	PA14NA049(0,G)–A	CNPH*4821A**	PG9MTAV60125*A**	45,000	12.5	15.0
3382579	PA14NA049(0,G)–A	CNPH*4821A**	PG9MXA048080	45,000	12.5	15.0
3382580	PA14NA049(0,G)–A	CNPH*4821A**	PG9MXA060100	45,000	12.5	15.5
3382581	PA14NA049(0,G)–A	CNPH*4821A**	PG9MXA060120	45,000	13.0	16.0
3382575	PA14NA049(0,G)–A	CNPH*4821A**+TDR		45,000	12.0	14.2
3382585	PA14NA049(0,G)–A	CNPH*6024A**	PG8*EA048090	45,500	13.0	16.0
3382586	PA14NA049(0,G)–A	CNPH*6024A**	PG8*EA060110	45,500	13.0	16.0
3382587	PA14NA049(0,G)–A	CNPH*6024A**	PG8*EA060135	45,500	13.0	16.0
3382591	PA14NA049(0,G)–A	CNPH*6024A**	PG9MTAV60100*A**	45,500	12.5	15.0
3382592	PA14NA049(0,G)–A	CNPH*6024A**	PG9MTAV60125*A**	45,500	12.5	15.5
3382588	PA14NA049(0,G)–A	CNPH*6024A**	PG9MXA048080	45,500	12.5	15.0
3382589	PA14NA049(0,G)–A	CNPH*6024A**	PG9MXA060100	45,500	13.0	16.0
3382590	PA14NA049(0,G)–A	CNPH*6024A**	PG9MXA060120	46,000	13.0	16.0
3382584	PA14NA049(0,G)–A	CNPH*6024A**+TDR		46,000	12.5	14.5
3382564	PA14NA049(0,G)–A	CNPV*4821A**	PG8*EA048090	45,000	12.5	15.0
3382565	PA14NA049(0,G)–A	CNPV*4821A**	PG8*EA060110	45,000	13.0	16.0
3382566	PA14NA049(0,G)–A	CNPV*4821A**	PG9MXA060100	45,000	12.5	15.5
3382563	PA14NA049(0,G)–A	CNPV*4821A**+TDR		45,500	12.0	14.2
3382568	PA14NA049(0,G)–A	CNPV*4824A**	PG8*EA060135	45,000	12.5	15.5
3382570	PA14NA049(0,G)–A	CNPV*4824A**	PG9MTAV60125*A**	45,000	12.5	15.0
3382569	PA14NA049(0,G)–A	CNPV*4824A**	PG9MXA060120	45,000	13.0	16.0
3382567	PA14NA049(0,G)–A	CNPV*4824A**+TDR		45,000	12.0	14.2
3382572	PA14NA049(0,G)–A	CNPV*6024A**	PG8*EA060135	45,500	13.0	16.0
3382574	PA14NA049(0,G)–A	CNPV*6024A**	PG9MTAV60125*A**	45,500	12.5	15.5
3382573	PA14NA049(0,G)–A	CNPV*6024A**	PG9MXA060120	46,000	13.0	16.0
3382571	PA14NA049(0,G)–A	CNPV*6024A**+TDR		46,000	12.5	14.5
3382595	PA14NA049(0,G)–A	CSPH*4812A**	PG8*EA048090	45,000	12.5	15.5
3382596	PA14NA049(0,G)–A	CSPH*4812A**	PG8*EA060110	45,000	13.0	16.0
3382597	PA14NA049(0,G)–A	CSPH*4812A**	PG8*EA060135	45,000	12.5	15.5
3382601	PA14NA049(0,G)–A	CSPH*4812A**	PG9MTAV60100*A**	45,000	12.5	15.0
3382602	PA14NA049(0,G)–A	CSPH*4812A**	PG9MTAV60125*A**	45,000	12.5	15.0
3382598	PA14NA049(0,G)–A	CSPH*4812A**	PG9MXA048080	45,000	12.5	15.0
3382599	PA14NA049(0,G)–A	CSPH*4812A**	PG9MXA060100	45,000	12.5	15.5
3382600	PA14NA049(0,G)–A	CSPH*4812A**	PG9MXA060120	45,000	13.0	16.0
3382594	PA14NA049(0,G)–A	CSPH*4812A**+TDR		45,500	12.5	14.5
3382604	PA14NA049(0,G)–A	CSPH*6012A**	PG8*EA048090	46,000	13.0	16.0
3382605	PA14NA049(0,G)–A	CSPH*6012A**	PG8*EA060110	46,000	13.0	16.0
3382606	PA14NA049(0,G)–A	CSPH*6012A**	PG8*EA060135	46,000	13.0	16.0
3382610	PA14NA049(0,G)–A	CSPH*6012A**	PG9MTAV60100*A**	46,000	12.5	15.5
3382611	PA14NA049(0,G)–A	CSPH*6012A**	PG9MTAV60125*A**	46,000	12.5	16.0
3382607	PA14NA049(0,G)–A	CSPH*6012A**	PG9MXA048080	46,000	12.5	15.5
3382608	PA14NA049(0,G)–A	CSPH*6012A**	PG9MXA060100	46,000	13.0	16.0
3382609	PA14NA049(0,G)–A	CSPH*6012A**	PG9MXA060120	46,000	13.0	16.0
3382603	PA14NA049(0,G)–A	CSPH*6012A**+TDR		46,000	12.5	14.5
3382614	PA14NA049(0,G)–A	PF4MNA048		45,500	12.0	14.5
3382612	PA14NA049(0,G)–A	PF4MNA049		46,000	12.5	15.5
3382615	PA14NA049(0,G)–A	PF4MNA060		46,000	12.5	14.5
3382613	PA14NA049(0,G)–A	PF4MNA061		46,000	13.0	16.0
3285324	PA14NA060(G)–B	†CAP**6024A**+TDR		59,000	11.5	14.0
3285330	PA14NA060(G)–B	CAP**6021A**	PG8*EA048090	58,000	12.0	14.0
3285331	PA14NA060(G)–B	CAP**6021A**	PG8*EA060110	58,000	12.0	14.5
3285350	PA14NA060(G)–B	CAP**6021A**	PG9MXA060100	58,000	12.0	14.5
3285325	PA14NA060(G)–B	CAP**6021A**+TDR		58,000	11.5	14.0
3285332	PA14NA060(G)–B	CAP**6024A**	PG8*EA060135	58,000	12.0	14.5
3285333	PA14NA060(G)–B	CAP**6024A**	PG9MTAV60125*A**	58,000	11.0	13.5
3285351	PA14NA060(G)–B	CAP**6024A**	PG9MXA060120	58,000	12.0	14.5
3285334	PA14NA060(G)–B	CAP**6025A**	PG8*EA060135	58,000	12.0	14.5
3285335	PA14NA060(G)–B	CAP**6025A**	PG9MTAV60125*A**	58,000	11.0	13.5
3285352	PA14NA060(G)–B	CAP**6025A**	PG9MXA060120	58,000	12.0	14.5
3285326	PA14NA060(G)–B	CAP**6025A**+TDR		59,000	11.5	14.0
3285338	PA14NA060(G)–B	CNPH*6024A**	PG8*EA048090	58,000	11.5	14.0
3285339	PA14NA060(G)–B	CNPH*6024A**	PG8*EA060110	58,000	12.0	14.5
3285340	PA14NA060(G)–B	CNPH*6024A**	PG8*EA060135	58,000	12.0	14.5
3285341	PA14NA060(G)–B	CNPH*6024A**	PG9MTAV60100*A**	58,000	11.0	13.5
3285342	PA14NA060(G)–B	CNPH*6024A**	PG9MTAV60125*A**	58,000	11.0	13.5
3285354	PA14NA060(G)–B	CNPH*6024A**	PG9MXA048080	57,500	11.5	14.0
3285355	PA14NA060(G)–B	CNPH*6024A**	PG9MXA060100	58,000	12.0	14.5
3285356	PA14NA060(G)–B	CNPH*6024A**	PG9MXA060120	58,000	12.0	14.5
3285328	PA14NA060(G)–B	CNPH*6024A**+TDR		59,000	11.5	14.0
3285336	PA14NA060(G)–B	CNPV*6024A**	PG8*EA060135	58,000	12.0	14.5
3285337	PA14NA060(G)–B	CNPV*6024A**	PG9MTAV60125*A**	58,000	11.0	13.5
3285353	PA14NA060(G)–B	CNPV*6024A**	PG9MXA060120	58,000	12.0	14.5

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RATINGS AND PERFORMANCE (CONT.)

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3285327	PA14NA060(G) – B	CNPV*6024A** + TDR		59,000	11.5	14.0
3285343	PA14NA060(G) – B	CSPH*6012A**	PG8*EA048090	58,000	12.0	14.5
3285344	PA14NA060(G) – B	CSPH*6012A**	PG8*EA060110	58,000	12.0	14.5
3285345	PA14NA060(G) – B	CSPH*6012A**	PG8*EA060135	58,000	12.0	14.5
3285346	PA14NA060(G) – B	CSPH*6012A**	PG9MTAV60100*A**	58,000	11.0	13.5
3285347	PA14NA060(G) – B	CSPH*6012A**	PG9MTAV60125*A**	58,000	11.0	13.5
3285357	PA14NA060(G) – B	CSPH*6012A**	PG9MXA048080	58,000	11.5	14.0
3285358	PA14NA060(G) – B	CSPH*6012A**	PG9MXA060100	58,000	12.0	14.5
3285359	PA14NA060(G) – B	CSPH*6012A**	PG9MXA060120	58,000	12.0	14.5
3285329	PA14NA060(G) – B	CSPH*6012A** + TDR		59,000	11.5	14.0
3285348	PA14NA060(G) – B	PF4MNA060		59,000	11.0	13.5
3285349	PA14NA060(G) – B	PF4MNA061		59,500	12.0	14.5
3416305	PA14NA061(G) – A	†CNPV*6124A** + TDR		56,000	12.5	15.0
3416312	PA14NA061(G) – A	CAP**6021A**	PG8*EA048090	54,000	12.5	15.2
3416313	PA14NA061(G) – A	CAP**6021A**	PG8*EA060110	54,000	12.5	15.5
3416314	PA14NA061(G) – A	CAP**6021A**	PG8*EA060135	54,000	12.5	15.5
3416315	PA14NA061(G) – A	CAP**6021A**	PG9MXA048080	54,000	12.5	15.0
3416316	PA14NA061(G) – A	CAP**6021A**	PG9MXA060100	54,000	12.5	15.5
3416317	PA14NA061(G) – A	CAP**6021A**	PG9MXA060120	54,000	13.0	16.0
3416311	PA14NA061(G) – A	CAP**6021A** + TDR		54,000	12.5	14.5
3416319	PA14NA061(G) – A	CAP**6024A**	PG8*EA048090	54,000	12.5	15.2
3416320	PA14NA061(G) – A	CAP**6024A**	PG8*EA060110	54,000	12.5	15.5
3416321	PA14NA061(G) – A	CAP**6024A**	PG8*EA060135	54,000	12.5	15.5
3416322	PA14NA061(G) – A	CAP**6024A**	PG9MXA060100	54,000	12.5	15.5
3416323	PA14NA061(G) – A	CAP**6024A**	PG9MXA060120	54,000	13.0	16.0
3416318	PA14NA061(G) – A	CAP**6024A** + TDR		55,000	12.5	14.5
3416331	PA14NA061(G) – A	CNPH*6024A**	PG8*EA048090	54,000	12.5	15.2
3416332	PA14NA061(G) – A	CNPH*6024A**	PG8*EA060110	54,000	13.0	16.0
3416333	PA14NA061(G) – A	CNPH*6024A**	PG8*EA060135	54,000	12.5	15.5
3416334	PA14NA061(G) – A	CNPH*6024A**	PG9MXA048080	54,000	12.5	15.2
3416335	PA14NA061(G) – A	CNPH*6024A**	PG9MXA060100	54,000	12.5	15.5
3416336	PA14NA061(G) – A	CNPH*6024A**	PG9MXA060120	54,000	13.0	16.0
3416330	PA14NA061(G) – A	CNPH*6024A** + TDR		55,000	12.5	14.5
3416347	PA14NA061(G) – A	CNPH*6124A**	PG8*EA048090	54,000	12.5	15.4
3416348	PA14NA061(G) – A	CNPH*6124A**	PG8*EA060110	54,500	13.0	16.0
3416349	PA14NA061(G) – A	CNPH*6124A**	PG8*EA060135	54,500	13.0	16.0
3416350	PA14NA061(G) – A	CNPH*6124A**	PG9MXA048080	54,000	12.5	15.2
3416351	PA14NA061(G) – A	CNPH*6124A**	PG9MXA060100	54,500	13.0	16.0
3416352	PA14NA061(G) – A	CNPH*6124A**	PG9MXA060120	54,500	13.0	16.0
3416346	PA14NA061(G) – A	CNPH*6124A** + TDR		55,000	12.5	15.0
3416325	PA14NA061(G) – A	CNPV*6024A**	PG8*EA048090	54,000	12.5	15.2
3416326	PA14NA061(G) – A	CNPV*6024A**	PG8*EA060110	54,000	13.0	16.0
3416327	PA14NA061(G) – A	CNPV*6024A**	PG8*EA060135	54,000	12.5	15.5
3416328	PA14NA061(G) – A	CNPV*6024A**	PG9MXA060100	54,000	12.5	15.5
3416329	PA14NA061(G) – A	CNPV*6024A**	PG9MXA060120	54,500	13.0	16.0
3416324	PA14NA061(G) – A	CNPV*6024A** + TDR		54,500	12.5	14.5
3416306	PA14NA061(G) – A	CNPV*6124A**	PG8*EA048090	55,000	13.0	16.0
3416307	PA14NA061(G) – A	CNPV*6124A**	PG8*EA060110	55,000	13.0	16.0
3416308	PA14NA061(G) – A	CNPV*6124A**	PG8*EA060135	55,000	13.0	16.0
3416309	PA14NA061(G) – A	CNPV*6124A**	PG9MXA060100	55,000	13.0	16.0
3416310	PA14NA061(G) – A	CNPV*6124A**	PG9MXA060120	55,000	13.0	16.0
3416338	PA14NA061(G) – A	CSPH*6012A**	PG8*EA048090	54,000	12.5	15.5
3416339	PA14NA061(G) – A	CSPH*6012A**	PG8*EA060110	54,000	13.0	16.0
3416340	PA14NA061(G) – A	CSPH*6012A**	PG8*EA060135	54,000	13.0	16.0
3416341	PA14NA061(G) – A	CSPH*6012A**	PG9MXA048080	54,000	12.5	15.2
3416342	PA14NA061(G) – A	CSPH*6012A**	PG9MXA060100	54,000	13.0	16.0
3416343	PA14NA061(G) – A	CSPH*6012A**	PG9MXA060120	54,000	13.0	16.0
3416337	PA14NA061(G) – A	CSPH*6012A** + TDR		55,000	12.5	14.5
3416344	PA14NA061(G) – A	PF4MNA060		55,000	12.0	14.5
3416345	PA14NA061(G) – A	PF4MNA061		55,000	13.0	16.0

† 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 MBtu/h	Total Sys. KW**	Capacity MBtu/h	Total Sys. KW**	Capacity MBtu/h	Total Sys. KW**	Capacity MBtu/h	Total Sys. KW**	Capacity MBtu/h	Total Sys. KW**
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†
PH14NA018--A Outdoor Section With CAP**2414A** Indoor Section											
525	57 (13.9)	17.04	17.04	16.38	1.38	15.69	1.58	14.96	1.80	14.18	2.05
	62 (16.7)	17.76	15.34	16.90	1.37	16.03	1.57	15.12	1.80	14.19	2.05
	67 (19.4)	19.52	13.05	18.59	1.35	17.62	1.56	16.60	1.78	15.53	2.03
	72 (22.2)	21.46	10.75	20.45	1.33	19.38	1.54	18.27	1.76	17.11	2.01
600	57 (13.9)	17.87	17.87	17.16	1.38	16.41	1.58	15.63	1.81	14.79	2.05
	62 (16.7)	18.25	16.55	17.36	1.38	16.47	1.58	15.63	1.81	14.79	2.05
	67 (19.4)	19.99	13.94	19.01	1.36	18.00	1.57	16.93	1.79	15.83	2.04
	72 (22.2)	21.96	11.31	20.90	1.34	19.78	1.54	18.61	1.77	17.41	2.02
675	57 (13.9)	18.58	18.58	17.82	1.38	17.03	1.59	16.19	1.81	15.30	2.06
	62 (16.7)	18.68	17.69	17.81	1.38	17.03	1.59	16.19	1.81	15.30	2.06
	67 (19.4)	20.36	14.78	19.35	1.37	18.30	1.57	17.19	1.80	16.05	2.05
	72 (22.2)	22.33	11.84	21.23	1.35	20.07	1.55	18.87	1.78	17.62	2.03

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**2414A**	1.00	1.00	
CAP**1814A**	0.99	1.03	
CAP**2417A**	1.00	1.00	
CNPF*2418A**	1.00	1.00	
CNPH*2417A**	1.00	1.00	
CNPV*1814A**	0.99	1.03	
CNPV*2414A**	1.00	1.00	
CNPV*2417A**	1.00	1.00	
CSPH*2412A**	1.00	1.00	
FF1ENP018	0.99	1.03	
FF1ENP024	1.00	1.00	
PF4MNA018	0.99	1.03	
PF4MNA019	1.00	0.92	
PF4MNA024	1.00	1.05	
PF4MNA025	1.01	0.93	
CAP**1814A**	0.99	0.91	PG8*EA024045
CAP**2414A**	1.00	0.92	PG8*EA024045
CAP**3014A**	1.00	0.88	PG8*EA024045
CNPH*2417A**	1.00	0.92	PG8*EA024045
CNPH*3017A**	1.00	0.88	PG8*EA024045
CNPV*1814A**	0.99	0.91	PG8*EA024045
CNPV*2414A**	1.00	0.92	PG8*EA024045
CNPV*3014A**	1.00	0.88	PG8*EA024045
CSPH*2412A**	1.00	0.92	PG8*EA024045
CSPH*3012A**	1.00	0.88	PG8*EA024045
CNPH*2417A**	1.00	0.92	PG9MTAV36050*A**
CSPH*2412A**	1.00	0.92	PG9MTAV36050*A**
CNPH*2417A**	1.00	0.92	PG9MTAV36075*A**
CSPH*2412A**	1.00	0.92	PG9MTAV36075*A**
CAP**2417A**	1.00	0.88	PG9MXA036060
CNPH*2417A**	1.00	0.88	PG9MXA036060
CNPV*2417A**	1.00	0.88	PG9MXA036060
CSPH*2412A**	1.00	0.88	PG9MXA036060

See notes on pg. 21

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)			Total Sys. KW**	
		Capacity MBtu/h†	Total Sys. KW**		Capacity MBtu/h†	Total Sys. KW**		Capacity MBtu/h†	Total Sys. KW**		Capacity MBtu/h†	Total Sys. KW**		Capacity MBtu/h†	Total Sys. KW**			
PA14NA024-A Outdoor Section With CAP**3014** Indoor Section																		
700	57 (13.9)	22.73	21.90	21.90	1.80	21.01	21.01	20.07	20.07	20.07	2.30	19.03	19.03	2.58				
	62 (16.7)	23.44	22.39	19.82	1.80	21.30	19.33	20.15	18.80	2.29	19.03	19.03	2.58					
	67 (19.4)	25.75	24.59	16.73	1.80	23.37	16.25	22.08	15.74	2.29	20.69	15.21	2.58					
	72 (22.2)	28.37	27.12	13.63	1.79	25.80	13.16	24.39	12.66	2.28	22.88	12.13	2.57					
800	57 (13.9)	23.74	22.84	22.84	1.84	21.90	21.90	20.89	20.89	2.33	19.78	19.78	2.62					
	62 (16.7)	24.02	22.95	21.35	1.84	21.89	21.89	20.89	20.89	2.33	19.78	19.78	2.62					
	67 (19.4)	26.27	25.07	17.86	1.84	23.80	17.37	22.46	16.86	2.33	21.01	16.31	2.61					
	72 (22.2)	28.94	27.63	14.34	1.83	26.25	13.86	24.78	13.35	2.32	23.21	12.82	2.61					
900	57 (13.9)	24.58	23.63	23.63	1.88	22.63	22.63	21.56	21.56	2.37	20.39	20.39	2.65					
	62 (16.7)	24.56	23.63	23.63	1.88	22.63	22.63	21.56	21.56	2.37	20.39	20.39	2.65					
	67 (19.4)	26.67	25.42	18.95	1.87	24.12	18.46	22.73	17.93	2.37	21.25	17.38	2.65					
	72 (22.2)	29.36	28.01	15.02	1.87	26.58	14.53	25.06	14.01	2.36	23.44	13.47	2.64					

COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	
*CAP**3014A**		1.00	1.00		
CAP**2414A**		0.98	0.98		
CAP**2417A**		0.98	0.98		
CAP**3017A**		1.00	1.00		
CNPF*2418A**		1.00	1.00		
CNPH*2417A**		0.98	0.98		
CNPH*3017A**		1.00	1.00		
CNPV*2414A**		0.98	0.98		
CNPV*2417A**		0.98	0.98		
CNPV*3014A**		1.00	1.00		
CNPV*3017A**		1.00	1.00		
CSPH*2412A**		0.98	0.98		
CSPH*3012A**		1.00	1.00		
FF1ENP024		0.98	1.03		
FF1ENP030		0.99	1.04		
PF4MNA024		0.98	0.98		
PF4MNA025		1.00	0.92		
PF4MNA030		1.00	1.00		
PF4MNA031		1.01	0.93		
CAP**2417A**		0.98	0.90		PG9MXXA036080
CAP**3017A**		1.00	0.88		PG9MXXA036080
CNPV*2417A**		0.98	0.90		PG9MXXA036080
CNPH*3017A**		1.00	0.88		PG9MXXA036080

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 MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**		
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†
PA14NA030--A Outdoor Section With CAP**3014A** Indoor Section																		
875	57 (13.9)	27.63	27.63	1.95	26.61	26.61	2.19	25.53	25.53	2.44	24.37	24.37	2.73	23.12	23.12			
	62 (16.7)	28.28	24.47	1.95	27.02	23.91	2.18	25.72	23.31	2.44	24.35	24.32	2.74	23.12	23.12			
	67 (19.4)	31.01	20.66	1.95	29.60	20.11	2.18	28.13	19.54	2.44	26.58	18.95	2.73	24.91	18.32			
	72 (22.2)	34.19	16.86	1.95	32.67	16.32	2.18	31.08	15.76	2.44	29.39	15.17	2.72	27.57	14.55			
1000	57 (13.9)	28.78	28.78	2.00	27.69	27.69	2.23	26.54	26.54	2.49	25.31	25.31	2.77	23.97	23.97			
	62 (16.7)	28.97	26.28	2.00	27.72	27.51	2.23	26.54	26.54	2.49	25.30	25.30	2.77	23.97	23.97			
	67 (19.4)	31.58	22.00	2.00	30.13	21.45	2.23	28.60	20.88	2.49	26.99	20.28	2.77	25.26	19.63			
	72 (22.2)	34.82	17.70	2.00	33.24	17.16	2.23	31.58	16.59	2.49	29.83	15.99	2.77	27.94	15.36			
1125	57 (13.9)	29.74	29.74	2.05	28.59	28.59	2.28	27.37	27.37	2.53	26.07	26.07	2.82	24.66	24.66			
	62 (16.7)	29.74	29.74	2.05	28.59	28.59	2.28	27.37	27.37	2.53	26.07	26.07	2.82	24.66	24.66			
	67 (19.4)	32.02	23.30	2.05	30.52	22.73	2.28	28.95	22.15	2.53	27.30	21.54	2.82	25.53	20.88			
	72 (22.2)	35.29	18.50	2.05	33.66	17.95	2.28	31.95	17.37	2.53	30.14	16.77	2.82	28.19	16.13			

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**3014A**	1.00	1.00		CSPH*3012A**	1.00	0.92	PG9MXA036080
CAP**3017A**	1.00	1.00		CSPH*3612A**	1.01	0.93	PG9MXA036080
CAP**3614A**	1.01	1.01		CSPH*4212A**	1.01	0.90	PG9MXA036080
CAP**3617A**	1.01	1.01		CAP**3017A**	1.00	0.92	PG9MXA048080
CAP**3619A**	1.01	1.01		CAP**3617A**	1.01	0.93	PG9MXA048080
CAP**3621A**	1.01	1.01		CNPH*3017A**	1.00	0.92	PG9MXA048080
CNP**3618A**	1.01	1.01		CNPH*3617A**	1.01	0.93	PG9MXA048080
CNPH*3017A**	1.00	1.00		CNPV*3017A**	1.00	0.92	PG9MXA048080
CNPH*3617A**	1.01	1.01		CNPV*3617A**	1.01	0.93	PG9MXA048080
CNPV*3014A**	1.00	1.00		CNPV*4217A**	1.01	0.90	PG9MXA048080
CNPV*3017A**	1.01	1.01		CSPH*3012A**	1.00	0.92	PG9MXA048080
CNPV*3617A**	1.01	1.01		CSPH*3612A**	1.01	0.93	PG9MXA048080
CNPV*3621A**	1.01	1.01		CAP**3017A**	1.00	0.92	PG9MXA048080
CSPH*3012A**	1.00	1.00		CAP**3617A**	1.01	0.93	PG9MXA048080
CSPH*3612A**	1.01	1.01		CNPH*3017A**	1.00	0.92	PG9MXA048080
FF1ENP030	1.00	1.00		CNPH*3617A**	1.01	0.93	PG9MXA048080
FF1ENP036	1.01	1.01		CSPH*3012A**	1.00	0.92	PG9MTA60125*A**
PF4MNA030	1.00	1.00		CSPH*3612A**	1.01	0.93	PG9MTA60125*A**
PF4MNA031	1.02	0.94		CAP**3017A**	1.00	0.92	PG9MTA60125*A**
PF4MNA036	1.01	1.01		CAP**3617A**	1.01	0.93	PG9MTA60125*A**
PF4MNA037	1.03	1.01		CNPH*3017A**	1.00	0.92	PG9MTA60125*A**
CAP**3017A**	1.00	0.92	PG8*EA048070	CNPH*3617A**	1.01	0.93	PG9MTA60125*A**
CAP**3617A**	1.01	0.93	PG8*EA048070	CNPV*3017A**	1.00	0.92	PG9MTA60125*A**
CNPH*3017A**	1.00	0.92	PG8*EA048070	CNPV*3617A**	1.01	0.93	PG9MTA60125*A**
CNPH*3617A**	1.01	0.93	PG8*EA048070	CSPH*4212A**	1.00	0.90	PG9MTA60125*A**
CNPV*3017A**	1.00	0.92	PG8*EA048070	CAP**3017A**	1.00	0.92	PG9MTA60125*A**
CNPV*3617A**	1.01	0.93	PG8*EA048070	CAP**3617A**	1.01	0.93	PG9MTA60125*A**
CSPH*3012A**	1.00	0.92	PG8*EA048070	CNPV*3017A**	1.00	0.92	PG9MTA60125*A**
CSPH*3612A**	1.01	0.93	PG8*EA048070	CNPV*3617A**	1.01	0.93	PG9MTA60125*A**
CAP**3621A**	1.01	0.93	PG8*EA048090	CSPH*4212A**	1.00	0.90	PG9MTA60125*A**
CNPH*3017A**	1.00	0.92	PG8*EA048090	CAP**3017A**	1.00	0.92	PG9MTA60125*A**
CNPH*3617A**	1.01	0.93	PG8*EA048090	CAP**3617A**	1.01	0.93	PG9MTA60125*A**
CNPV*3621A**	1.01	0.93	PG8*EA048090	CNPV*3017A**	1.00	0.92	PG9MTA60125*A**
CSPH*3012A**	1.00	0.92	PG8*EA048090	CNPV*3617A**	1.01	0.93	PG9MTA60125*A**
CSPH*3612A**	1.01	0.93	PG8*EA048090	CSPH*4212A**	1.00	0.90	PG9MTA60125*A**
CAP**3619A**	1.01	0.93	PG8*EA048090	CAP**3017A**	1.00	0.92	PG9MTA60125*A**
CNPH*3017A**	1.00	0.92	PG8*EA048090	CAP**3617A**	1.01	0.93	PG9MTA60125*A**
CNPV*3017A**	1.01	0.93	PG8*EA048090	CNPV*3017A**	1.00	0.92	PG9MTA60125*A**
CNPV*3619A**	1.01	0.93	PG8*EA048090	CNPV*3617A**	1.01	0.93	PG9MTA60125*A**
CNPH*3017A**	1.00	0.92	PG8*EA048090	CSPH*4212A**	1.00	0.90	PG9MTA60125*A**

See notes on pg. 21

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 Total	MBtu/h Sens†	Total Sys. KW**	Capacity Total	MBtu/h Sens†	Total Sys. KW**	Capacity Total	MBtu/h Sens†	Total Sys. KW**	Capacity Total	MBtu/h Sens†	Total Sys. KW**	Capacity Total	MBtu/h Sens†	Total Sys. KW**	
1050	57 (13.9)	34.35	34.35	2.38	33.04	33.04	2.70	31.65	31.65	3.07	30.16	30.16	3.49	28.55	28.55	3.96	
	62 (16.7)	35.41	30.68	2.38	33.77	29.93	2.70	32.06	29.15	3.07	30.28	28.30	3.49	28.55	28.55	3.97	
	67 (19.4)	38.93	26.02	2.37	37.11	25.28	2.70	35.20	24.53	3.06	33.17	23.73	3.48	31.00	22.90	3.96	
	72 (22.2)	42.98	21.36	2.36	41.02	20.64	2.69	38.95	19.90	3.05	36.76	19.12	3.47	34.41	18.29	3.94	
	77 (25.0)	48.98	16.62	2.35	46.98	15.82	2.68	44.85	15.00	3.04	42.65	14.18	3.46	40.32	13.36	3.93	
1200	57 (13.9)	35.82	35.82	2.43	34.42	34.42	2.75	32.93	32.93	3.12	31.35	31.35	3.54	29.64	29.64	4.01	
	62 (16.7)	36.26	32.91	2.43	34.59	32.11	2.75	32.90	32.90	3.12	31.35	31.35	3.54	29.63	29.63	4.01	
	67 (19.4)	39.69	27.65	2.42	37.79	26.90	2.75	35.80	26.13	3.11	33.70	25.33	3.53	31.46	24.49	4.01	
	72 (22.2)	43.83	22.39	2.41	41.77	21.66	2.74	39.62	20.91	3.10	37.34	20.11	3.52	34.90	19.27	3.99	
	77 (25.0)	49.83	17.63	2.40	47.77	16.83	2.73	45.50	16.00	3.09	43.20	15.17	3.51	40.70	14.34	3.98	
1350	57 (13.9)	37.05	37.05	2.48	35.56	35.56	2.80	34.00	34.00	3.17	32.33	32.33	3.59	30.52	30.52	4.06	
	62 (16.7)	37.07	36.75	2.48	35.56	35.56	2.80	34.00	34.00	3.17	32.33	32.33	3.59	30.52	30.52	4.06	
	67 (19.4)	40.25	29.18	2.47	38.29	27.68	2.80	36.26	27.66	3.16	34.10	26.85	3.58	31.81	25.98	4.06	
	72 (22.2)	44.45	23.35	2.46	42.33	22.61	2.79	40.11	21.85	3.15	37.75	21.04	3.57	35.24	20.20	4.04	
	77 (25.0)	50.45	18.55	2.45	48.33	17.73	2.78	46.00	17.00	3.14	43.70	16.17	3.56	41.20	15.34	3.97	
COOLING INDOOR MODEL		CAPACITY		POWER		FURNACE MODEL		COOLING INDOOR MODEL		CAPACITY		POWER		FURNACE MODEL			
*CAP**4221A**		1.00		1.00		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA036060			
CAP**3614A**		0.98		0.98		PG8*EA048090		CSPH*6012A**		1.00		0.88		PG9MXA036060			
CAP**3617A**		0.98		0.98		PG8*EA048090		CAP**3621A**		1.00		0.90		PG9MXA036060			
CAP**3619A**		0.98		0.98		PG8*EA048090		CAP**4221A**		1.00		0.92		PG9MXA036060			
CAP**3621A**		0.98		0.98		PG8*EA048090		CNPV*6012A**		1.00		0.88		PG9MXA036060			
CAP**4224A**		1.00		1.00		PG8*EA048090		CNPV*3617A**		1.00		0.90		PG9MXA036060			
CNPV*3618A**		0.98		0.98		PG8*EA048090		CNPV*4821A**		1.00		0.88		PG9MXA036060			
CNPV*3617A**		0.98		0.98		PG8*EA048090		CNPV*3621A**		1.00		0.90		PG9MXA036060			
CNPV*4221A**		1.00		1.00		PG8*EA048090		CNPV*4221A**		1.00		0.88		PG9MXA036060			
CNPV*3617A**		0.98		0.98		PG8*EA048090		CNPV*4821A**		1.00		0.88		PG9MXA036060			
CNPV*3621A**		0.98		0.98		PG8*EA048090		CSPH*3612A**		1.00		0.90		PG9MXA036060			
CNPV*4217A**		1.00		1.00		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA036060			
CNPV*4221A**		1.00		1.00		PG8*EA048090		CSPH*4812A**		1.00		0.88		PG9MXA036060			
CSPH*3612A**		0.98		0.98		PG8*EA048090		CAP**3619A**		0.98		0.98		PG9MXA036060			
FF1ENP036		0.98		0.98		PG8*EA048090		CNPV*3617A**		0.98		0.90		PG9MXA048080			
PF4MNA036		0.99		0.99		PG8*EA048090		CNPV*4221A**		0.99		0.88		PG9MXA048080			
PF4MNA037		1.00		0.92		PG8*EA048090		CSPH*3612A**		1.00		0.92		PG9MXA048080			
PF4MNA042		1.00		1.00		PG8*EA048090		CAP**3619A**		0.98		0.98		PG9MXA048080			
PF4MNA043		1.02		0.94		PG8*EA048090		CNPV*3617A**		0.94		0.90		PG9MXA048080			
CAP**3614A**		0.98		0.98		PG8*EA024045		CNPV*4221A**		0.99		0.92		PG9MXA048080			
CNPV*3617A**		0.98		0.98		PG8*EA024045		CSPH*3612A**		0.98		0.90		PG9MXA048080			
CNPV*4221A**		0.99		0.95		PG8*EA024045		CSPH*4212A**		1.00		0.92		PG9MXA048080			
CSPH*3612A**		0.98		0.98		PG8*EA024045		CNPV*3617A**		0.98		0.88		PG9MXA048080			
CSPH*4212A**		1.00		0.96		PG8*EA024045		CNPV*4221A**		1.00		0.92		PG9MXA048080			
CAP**3617A**		0.98		0.94		PG8*EA048070		CSPH*3612A**		0.98		0.90		PG9MXA060100			
CNPV*3617A**		0.98		0.94		PG8*EA048070		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4221A**		0.99		0.95		PG8*EA048070		CAP**4824A**		1.00		0.88		PG9MXA060100			
CNPV*3617A**		0.98		0.94		PG8*EA048070		CAP**6021A**		1.00		0.88		PG9MXA060100			
CSPH*4212A**		1.00		0.92		PG8*EA048090		CAP**6024A**		1.00		0.92		PG9MXA060100			
CAP**4221A**		1.00		0.92		PG8*EA048090		CNPV*4221A**		1.00		0.88		PG9MXA060100			
CAP**6021A**		1.00		0.92		PG8*EA048090		CNPV*4821A**		1.00		0.92		PG9MXA060100			
CAP**6024A**		1.00		0.88		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4212A**		1.00		0.88		PG8*EA048090		CSPH*4812A**		1.00		0.88		PG9MXA060100			
CNPV*4812A**		1.00		0.88		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**		1.00		0.92		PG8*EA048090		CSPH*4212A**		1.00		0.92		PG9MXA060100			
CNPV*4824A**		1.00		0.92		PG8*EA048090		CSPH*4812A**		1.00		0.92		PG9MXA060100			
CNPV*4821A**																	

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. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**			
Total	Sens†	Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†				
CFM	EWB ° F (°C)	PA14NA042-A Outdoor Section With CAP**4821** Indoor Section																	
1225	57 (13.9)	38.88	38.88	2.67	37.43	37.43	3.05	35.91	35.91	3.49	34.32	34.32	4.02	32.70	32.70	4.71			
	62 (16.7)	39.89	34.62	2.67	38.08	33.80	3.04	36.22	32.95	3.49	34.31	34.25	4.02	32.69	32.69	4.71			
	67 (19.4)	43.92	29.29	2.66	41.91	28.50	3.03	39.81	27.69	3.47	37.63	26.85	3.99	35.39	26.01	4.69			
	72 (22.2)	48.55	23.97	2.64	46.37	23.19	3.01	44.10	22.39	3.45	41.73	21.56	3.96	39.25	20.71	4.64			
	75 (13.9)	40.55	40.55	2.72	39.00	39.00	3.10	37.38	37.38	3.54	35.67	35.67	4.06	33.92	33.92	4.75			
1400	62 (16.7)	40.87	37.18	2.72	39.05	38.74	3.10	37.38	37.38	3.54	35.67	35.67	4.06	33.92	33.92	4.75			
	67 (19.4)	44.79	31.20	2.71	42.69	30.39	3.08	40.50	29.56	3.52	38.24	27.85	4.04	35.90	27.85	4.74			
	72 (22.2)	49.53	25.18	2.69	47.24	24.39	3.06	44.87	23.57	3.50	42.40	22.73	4.01	39.83	21.87	4.67			
	75 (13.9)	41.93	41.93	2.77	40.28	40.28	3.15	38.57	38.57	3.59	36.77	36.77	4.12	34.91	34.91	4.80			
	62 (16.7)	41.93	41.93	2.77	40.28	40.28	3.15	38.57	38.57	3.59	36.77	36.77	4.12	34.91	34.91	4.80			
1575	67 (19.4)	45.45	33.01	2.76	43.26	32.20	3.14	41.02	31.36	3.58	38.69	30.50	4.10	36.29	29.61	4.79			
	72 (22.2)	50.26	26.32	2.74	47.89	25.51	3.11	45.44	24.69	3.55	42.89	23.83	4.06	40.24	22.96	4.71			

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL
				CSPH*	4212A**				CNPV*	4821A**			
*CAP**4821A**	1.00	1.00		CSPH*	4212A**	0.99	0.95	PG8*EA048080	CNPV*	4821A**	1.00	0.92	PG9MTAV/60100*A**
CAP**4221A**	0.99	1.03		CSPH*	4812A**	1.00	0.92	PG8*EA048090	CSPH*	4212A**	0.99	0.95	PG9MTAV/60100*A**
CAP**4224A**	0.99	1.03		CSPH*	6012A**	1.02	0.91	PG8*EA048090	CSPH*	4812A**	1.00	0.96	PG9MTAV/60100*A**
CAP**4817A**	1.00	1.00		CAP**	4221A**	0.99	0.95	PG8*EA060110	CAP**	4224A**	0.99	0.95	PG9MTAV/60125*A**
CAP**4823A**	1.00	1.00		CAP**	4821A**	1.00	0.92	PG8*EA060110	CAP**	4824A**	1.00	0.92	PG9MTAV/60125*A**
CAP**4824A**	1.00	1.00		CAP**	4823A**	1.00	0.92	PG8*EA060110	CNPV*	4221A**	0.99	0.95	PG9MTAV/60125*A**
CAP**6024A**	1.02	0.98		CAP**	6021A**	1.02	0.91	PG8*EA060110	CNPV*	4821A**	1.00	0.92	PG9MTAV/60125*A**
CNPV*4818A**	1.00	1.00		CAP**	6025A**	1.02	0.91	PG8*EA060110	CSPH*	4812A**	0.99	0.92	PG9MTAV/60125*A**
CNPV*4221A**	0.99	1.03		CNPV*	4221A**	0.99	0.95	PG8*EA060110	CAP**	4817A**	1.00	0.92	PG9MXA036060
CNPV*4217A**	0.99	1.03		CNPV*	4217A**	1.00	0.92	PG8*EA060110	CAP**	4817A**	1.00	0.92	PG9MXA036060
CNPV*4221A**	0.99	1.03		CNPV*	4221A**	1.00	0.92	PG8*EA060110	CNPV*	4221A**	0.99	0.95	PG9MXA036060
CNPV*4821A**	1.00	1.00		CNPV*	4821A**	0.99	0.95	PG8*EA060110	CNPV*	4217A**	1.00	0.92	PG9MXA036060
CNPV*4824A**	1.00	1.00		CNPV*	4824A**	1.00	0.92	PG8*EA060110	CSPH*	4212A**	0.99	0.95	PG9MXA036060
CSPH*4212A**	0.99	1.03		CNPV*	6024A**	1.02	0.91	PG8*EA060110	CSPH*	4212A**	1.00	0.92	PG9MXA036060
CSPH*4812A**	1.00	1.00		CSPH*	4212A**	0.99	0.95	PG8*EA060110	CSPH*	4812A**	1.00	0.92	PG9MXA036060
PFAMNA042	0.99	1.03		CSPH*	4812A**	1.00	0.92	PG8*EA060110	CAP**	4817A**	1.00	0.92	PG9MXA036080
PFAMNA043	1.00	0.96		CSPH*	6012A**	1.02	0.91	PG8*EA060110	CNPV*	4221A**	0.99	0.95	PG9MXA036080
PFAMNA048	1.00	1.05		CAP**	4224A**	0.99	0.95	PG8*EA060135	CNPV*	4821A**	1.00	0.92	PG9MXA036080
PFAMNA049	1.00	0.92		CAP**	4824A**	1.00	0.92	PG8*EA060135	CNPV*	4217A**	0.99	0.95	PG9MXA036080
CAP**4817A**	1.00	0.96		CAP**	6021A**	1.02	0.91	PG8*EA060135	CSPH*	4212A**	0.99	0.95	PG9MXA036080
CNPV*4221A**	0.99	0.99		CAP**	6024A**	1.02	0.91	PG8*EA060135	CSPH*	4812A**	1.00	0.92	PG9MXA036080
CNPV*4821A**	1.00	1.00		CAP**	6025A**	1.02	0.91	PG8*EA060135	CAP**	4817A**	1.00	0.96	PG9MXA048080
CSPH*4212A**	0.99	0.99		CNPV*	4221A**	0.99	0.95	PG8*EA060135	CNPV*	4221A**	0.99	0.95	PG9MXA048080
CSPH*4812A**	1.00	0.96		CNPV*	4821A**	1.00	0.92	PG8*EA060135	CNPV*	4821A**	1.00	0.92	PG9MXA048080
CAP**4221A**	0.99	0.95		CNPV*	6024A**	1.02	0.91	PG8*EA060135	CSPH*	4212A**	0.99	0.95	PG9MXA048080
CAP**4821A**	1.00	0.92		CNPV*	6024A**	1.00	0.92	PG8*EA060135	CSPH*	4812A**	1.00	0.92	PG9MXA048080
CAP**6021A**	1.02	0.91		CSPH*	4212A**	0.99	0.95	PG8*EA060135	CAP**	4221A**	0.99	0.95	PG9MXA060100
CAP**6024A**	1.02	0.91		CSPH*	4812A**	1.00	0.92	PG8*EA060135	CAP**	4821A**	1.00	0.92	PG9MXA060100
CAP**6025A**	1.02	0.91		CSPH*	6012A**	1.02	0.91	PG8*EA060135	CAP**	6021A**	1.02	0.91	PG9MXA060100
CNPV*4221A**	0.99	0.95		CNPV*	4221A**	0.98	1.02	PG9MTA/36075*A**	CAP**	6024A**	1.02	0.91	PG9MXA060100
CNPV*4821A**	1.00	0.92		CNPV*	4821A**	1.00	0.99	PG9MTA/36075*A**	CAP**	6025A**	1.02	0.91	PG9MXA060100
CNPV*6024A**	1.02	0.91		CSPH*	4212A**	0.99	0.99	PG9MTA/36075*A**	CNPV*	4221A**	0.99	0.95	PG9MXA060100
CNPV*4821A**	1.00	0.95		CSPH*	4812A**	1.00	0.96	PG9MTA/60100*A**	CNPV*	4821A**	1.00	0.92	PG9MXA060100
CNPV*6024A**	1.02	0.91		CNPV*	4221A**	1.00	0.92	PG9MTA/60100*A**	CNPV*	6024A**	1.02	0.91	PG9MXA060100

DETAILED COOLING CAPACITIES# (CONT.)

PA14NA042—A Outdoor Section With CAP**4821** Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4821A**	1.00	0.92	PG9MXA060100
CNPV*6024A**	1.02	0.91	PG9MXA060100
CSPH*4212A**	0.99	0.95	PG9MXA060100
CSPH*4812A**	1.00	0.92	PG9MXA060100
CSPH*6012A**	1.02	0.91	PG9MXA060100
CAP**4224A**	0.99	0.95	PG9MXA060120
CAP**4824A**	1.00	0.92	PG9MXA060120
CAP**6021A**	1.01	0.90	PG9MXA060120
CAP**6021A**	1.02	0.91	PG9MXA060120
CAP**6024A**	1.02	0.91	PG9MXA060120
CAP**6025A**	1.02	0.91	PG9MXA060120
CNPH*4221A**	0.99	0.95	PG9MXA060120
CNPH*4821A**	1.00	0.92	PG9MXA060120
CNPH*6024A**	1.02	0.91	PG9MXA060120
CNPV*4824A**	1.00	0.92	PG9MXA060120
CNPV*4824A**	1.01	0.90	PG9MXA060120
CNPV*6024A**	1.02	0.91	PG9MXA060120
CSPH*4212A**	0.99	0.95	PG9MXA060120
CSPH*4812A**	1.00	0.92	PG9MXA060120
CSPH*6012A**	1.02	0.91	PG9MXA060120

See notes on pg. 21

DETAILED COOLING CAPACITIES# (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)															
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)						
		Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**				
CFM	EWB ° F (° C)	Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	Total Sys. KW**	
PA14NA048-A Outdoor Section With CAP**6024A** Indoor Section																	
1400	57 (13.9)	45.49	45.49	3.18	43.95	43.95	3.61	42.30	42.30	4.09	40.51	40.51	4.62	38.58	38.58	5.21	
	62 (16.7)	46.85	40.55	3.17	44.94	39.70	3.60	42.91	38.78	4.09	40.75	37.78	4.62	38.58	38.58	5.21	
	67 (19.4)	51.05	34.18	3.15	48.99	33.36	3.58	46.78	32.49	4.07	44.40	31.56	4.60	41.84	30.57	5.19	
1600	72 (22.2)	55.60	27.73	3.13	53.41	26.94	3.56	51.04	26.09	4.04	48.51	25.20	4.57	45.78	24.25	5.16	
	57 (13.9)	47.36	47.36	3.24	45.72	45.72	3.67	43.96	43.96	4.15	42.06	42.06	4.68	40.00	40.00	5.27	
	62 (16.7)	47.88	43.57	3.23	45.94	42.66	3.67	43.94	43.94	4.15	42.06	42.06	4.68	40.00	40.00	5.27	
1800	67 (19.4)	51.93	36.39	3.22	49.79	35.56	3.65	47.50	34.67	4.13	45.04	33.74	4.66	32.74	32.74	5.22	
	72 (22.2)	56.50	29.09	3.19	54.23	28.29	3.63	51.77	27.43	4.11	49.15	26.53	4.64	46.33	25.57	5.22	
	57 (13.9)	48.88	48.88	3.30	47.16	47.16	3.73	45.31	45.31	4.21	43.31	43.31	4.74	41.14	41.14	5.33	
	62 (16.7)	48.86	48.86	3.30	47.16	47.16	3.73	45.31	45.31	4.21	43.31	43.31	4.74	41.14	41.14	5.33	
	67 (19.4)	52.57	38.50	3.28	50.38	37.67	3.72	48.02	36.78	4.20	45.51	35.83	4.73	42.81	34.82	5.32	
	72 (22.2)	57.15	30.38	3.26	54.81	29.58	3.69	52.27	28.71	4.17	49.59	27.81	4.70	46.69	26.84	5.29	

COOLING INDOOR MODEL				FURNACE MODEL			
COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**6024A**	1.00	1.00		CNPV*4821A**	0.99	0.95	PG8*EA060110
CAP**4817A**	0.99	0.99		CSPH*4812A**	0.99	0.95	PG8*EA060110
CAP**4821A**	0.99	0.99		CSPH*6012A**	1.00	0.92	PG8*EA060110
CAP**4823A**	0.99	0.99		CAP**4824A**	0.99	0.95	PG8*EA060135
CAP**4824A**	0.99	0.99		CAP**6024A**	1.00	0.92	PG8*EA060135
CAP**6021A**	1.00	1.00		CAP**6025A**	1.00	0.92	PG8*EA060135
CAP**6025A**	1.00	1.00		CNPV*4821A**	0.99	0.95	PG8*EA060135
CNPF*4818A**	0.99	0.99		CNPV*6024A**	1.00	0.92	PG8*EA060135
CNPH*4821A**	0.99	0.99		CNPV*6024A**	0.99	0.95	PG8*EA060135
CNPH*6024A**	1.00	1.00		CNPV*6024A**	1.00	0.92	PG8*EA060135
CNPV*4821A**	0.99	0.99		CSPH*4812A**	0.99	0.95	PG8*EA060135
CNPV*4824A**	1.00	1.00		CSPH*6012A**	1.00	0.96	PG8*EA060135
CSPH*4812A**	0.99	0.99		CAP**4823A**	0.99	0.99	PG9MTA V60100*A**
CSPH*4812A**	0.99	1.00		CNPV*4821A**	0.99	0.99	PG9MTA V60100*A**
CSPH*6012A**	1.00	1.00		CNPV*6024A**	1.00	0.96	PG9MTA V60100*A**
PF4MNA048	0.99	0.99		CSPH*4812A**	0.99	0.95	PG9MTA V60100*A**
PF4MNA049	1.01	0.97		CSPH*6012A**	1.00	0.96	PG9MTA V60100*A**
PF4MNA060	1.00	1.00		CAP**4824A**	0.99	0.95	PG9MTA V60125*A**
PF4MNA061	1.02	0.94		CAP**6024A**	1.00	0.96	PG9MTA V60125*A**
CAP**4817A**	0.99	1.03	PG8*EA048070	CAP**6025A**	1.00	0.96	PG9MTA V60125*A**
CNPH*4821A**	0.99	1.03	PG8*EA048070	CNPV*4821A**	0.99	0.95	PG9MTA V60125*A**
CNPH*6024A**	1.00	1.00	PG8*EA048070	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CSPH*4812A**	0.99	1.03	PG8*EA048070	CNPV*4824A**	0.99	0.95	PG9MTA V60125*A**
CSPH*6012A**	1.00	1.00	PG8*EA048070	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CAP**4821A**	0.99	0.95	PG8*EA048090	CSPH*4812A**	0.99	0.95	PG9MTA V60125*A**
CAP**4823A**	0.99	0.95	PG8*EA048090	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CAP**6021A**	1.00	0.92	PG8*EA048090	CNPV*6024A**	0.99	0.95	PG9MTA V60125*A**
CNPH*4821A**	0.99	0.95	PG8*EA048090	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CNPH*6024A**	1.00	0.96	PG8*EA048090	CNPV*6024A**	0.99	0.95	PG9MTA V60125*A**
CNPV*4821A**	0.99	0.95	PG8*EA048090	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CSPH*4812A**	0.99	0.95	PG8*EA048090	CNPV*6024A**	0.99	0.95	PG9MTA V60125*A**
CSPH*6012A**	1.00	0.92	PG8*EA048090	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CAP**4821A**	0.99	0.95	PG8*EA060110	CNPV*6024A**	0.99	0.95	PG9MTA V60125*A**
CAP**4823A**	0.99	0.95	PG8*EA060110	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CAP**6021A**	1.00	0.92	PG8*EA060110	CNPV*6024A**	0.99	0.95	PG9MTA V60125*A**
CNPH*4821A**	0.99	0.95	PG8*EA060110	CNPV*6024A**	1.00	0.96	PG9MTA V60125*A**
CNPH*6024A**	1.00	0.92	PG8*EA060110	CNPV*6024A**	0.99	0.95	PG9MTA V60125*A**

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 MBtu/h†	Total Sys. KW**	Capacity MBtu/h†	Total Sys. KW**	Capacity MBtu/h†	Total Sys. KW**	Capacity MBtu/h†	Total Sys. KW**	Capacity MBtu/h†	Total Sys. KW**	Capacity MBtu/h†	Total Sys. KW**	Capacity MBtu/h†	Total Sys. KW**				
PA14NA049-A Outdoor Section With CAP**6024A** Indoor Section																			
1400	57 (13.9)	45.05	2.96	43.28	3.31	41.43	3.66	39.45	39.45	37.34	4.04	37.34	37.34	4.46					
	62 (16.7)	45.93	2.94	43.75	3.30	41.29	3.66	39.51	39.51	37.39	4.04	37.39	37.39	4.46					
	67 (19.4)	50.48	3.432	47.96	3.22	45.37	3.61	42.67	42.67	39.85	4.01	39.85	30.28	4.44					
	72 (22.2)	55.72	2.67	52.91	3.09	50.01	3.52	47.00	47.00	43.85	3.95	43.85	23.81	4.41					
1600	57 (13.9)	46.92	3.00	44.99	3.36	42.98	3.73	40.85	40.85	38.57	4.12	38.57	38.57	4.54					
	62 (16.7)	47.06	3.00	45.06	3.36	43.04	3.73	40.91	40.91	38.62	4.12	38.62	38.62	4.54					
	67 (19.4)	51.35	2.88	48.71	3.28	46.00	3.68	43.20	43.20	40.27	4.09	40.27	45.3	4.49					
	72 (22.2)	56.66	2.72	53.70	3.15	50.67	3.59	47.54	47.54	44.26	4.03	44.26	25.15	4.49					
1800	57 (13.9)	48.45	3.04	46.38	3.42	44.24	3.79	41.97	41.97	39.55	4.19	39.55	39.55	4.62					
	62 (16.7)	48.51	3.04	46.44	3.41	44.29	3.79	42.02	42.02	39.60	4.19	39.60	39.60	4.62					
	67 (19.4)	51.99	2.94	49.25	3.35	46.46	3.76	43.57	43.57	40.57	4.17	40.57	34.55	4.62					
	72 (22.2)	57.33	2.77	54.27	3.22	51.13	3.66	47.88	47.88	44.52	4.11	44.52	26.43	4.57					

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL			POWER	CAPACITY	FURNACE MODEL
				CAP**6025A**	CNPV*4821A**	CSPH*4812A**			
*CAP**6024A**	1.00	1.00		0.99	0.95	PG8*EA060135	0.94	0.98	PG9MXA060120
CAP**4817A**	0.96	0.96		0.98	0.98	PG8*EA060135	0.96	0.96	PG9MXA060120
CAP**4821A**	0.98	1.02		0.99	0.95	PG8*EA060135	0.94	0.94	PG9MXA060120
CAP**4823A**	0.98	1.02		0.98	0.98	PG8*EA060135	0.96	0.96	PG9MXA060120
CAP**4824A**	0.98	1.02		0.99	0.95	PG8*EA060135	0.94	0.94	PG9MXA060120
CAP**6021A**	1.00	1.00		0.99	0.98	PG8*EA060135	0.96	0.96	PG9MXA060120
CNPV**4812A**	0.98	1.00		0.98	0.98	PG8*EA060135	0.96	0.96	PG9MXA060120
CSPH**6012A**	1.00	1.00		0.99	0.98	PG8*EA060135	0.94	0.94	PG9MXA060120

See notes on pg. 21

DETAILED COOLING CAPACITIES# (CONT.)

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)														
		75 (23.9)			85 (29.4			95 (35)			105 (40.6)			115 (46.1)		
CFM	EWB ° F (°C)	Capacity MBtu/h		Total Sys. KW**	Capacity MBtu/h		Total Sys. KW**	Capacity MBtu/h		Total Sys. KW**	Capacity MBtu/h		Total Sys. KW**	Capacity MBtu/h		Total Sys. KW**
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	
PA14NA060(G) – B Outdoor Section With CNPV*6124** Indoor Section																
1750	57 (13.9)	55.12	55.12	3.53	52.91	52.91	3.89	50.54	50.54	4.28	47.97	47.97	4.72	45.19	45.19	5.22
	62 (16.7)	55.60	50.62	3.53	53.03	52.75	3.89	50.61	50.61	4.28	48.04	48.04	4.72	45.25	45.25	5.22
	67 (19.4)	60.57	42.40	3.54	57.53	41.24	3.90	54.33	40.04	4.30	50.97	38.78	4.74	47.39	37.45	5.24
	72 (22.2)	66.42	34.03	3.55	63.03	32.86	3.92	59.47	31.64	4.33	55.74	30.38	4.77	51.78	29.06	5.27
2000	57 (13.9)	57.22	57.22	3.63	54.82	54.82	3.99	52.27	52.27	4.39	49.51	49.51	4.83	46.54	46.54	5.33
	62 (16.7)	57.30	57.30	3.63	54.90	54.90	3.99	52.34	52.34	4.39	49.57	49.57	4.83	46.59	46.59	5.33
	67 (19.4)	61.48	45.32	3.64	58.31	44.13	4.00	55.00	42.90	4.40	51.52	41.61	4.84	47.84	40.24	5.34
	72 (22.2)	67.34	35.83	3.64	63.82	34.64	4.02	60.11	33.40	4.43	56.24	32.12	4.87	52.17	30.78	5.37
2250	57 (13.9)	58.93	58.93	3.72	56.38	56.38	4.09	53.65	53.65	4.49	50.74	50.74	4.93	47.60	47.60	5.43
	62 (16.7)	59.00	59.00	3.72	56.44	56.44	4.09	53.71	53.71	4.49	50.79	50.79	4.93	47.65	47.65	5.43
	67 (19.4)	62.15	48.12	3.73	58.88	46.90	4.10	55.47	45.63	4.50	51.92	44.30	4.94	48.19	42.86	5.44
	72 (22.2)	68.00	37.54	3.74	64.37	36.34	4.12	60.53	35.07	4.53	56.57	33.78	4.97	52.39	32.42	5.47

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**6024A**	1.00	1.00	
CAP**6021A**	0.98	0.98	
CAP**6025A**	1.00	1.00	
CNPH*6024A**	1.00	1.00	
CNPV*6024A**	1.00	1.00	
CSPH*6012A**	1.00	1.00	
PF4MNA060	1.00	1.05	
PF4MNA061	1.01	0.97	
CAP**6021A**	0.98	0.94	PG8*EA048090
CNPH*6024A**	0.98	0.98	PG8*EA048090
CSPH*6012A**	0.98	0.94	PG8*EA048090
CAP**6021A**	0.98	0.94	PG8*EA060110
CNPH*6024A**	0.98	0.94	PG8*EA060110
CSPH*6012A**	0.98	0.94	PG8*EA060110
CAP**6024A**	0.98	0.94	PG8*EA060135
CAP**6025A**	0.98	0.94	PG8*EA060135
CNPH*6024A**	0.98	0.94	PG8*EA060135
CNPV*6024A**	0.98	0.94	PG8*EA060135
CSPH*6012A**	0.98	0.94	PG8*EA060135
CNPH*6024A**	0.98	1.03	PG9MTAV60100*A**
CSPH*6012A**	0.98	1.03	PG9MTAV60100*A**
CAP**6024A**	0.98	1.03	PG9MTAV60125*A**
CAP**6025A**	0.98	1.03	PG9MTAV60125*A**
CNPH*6024A**	0.98	1.03	PG9MTAV60125*A**
CNPV*6024A**	0.98	1.03	PG9MTAV60125*A**
CSPH*6012A**	0.98	1.03	PG9MTAV60125*A**
CNPH*6024A**	0.97	0.97	PG9MXA048080
CSPH*6012A**	0.98	0.98	PG9MXA048080
CAP**6021A**	0.98	0.94	PG9MXA060100
CNPH*6024A**	0.98	0.94	PG9MXA060100
CSPH*6012A**	0.98	0.94	PG9MXA060100
CAP**6024A**	0.98	0.94	PG9MXA060120
CAP**6025A**	0.98	0.94	PG9MXA060120
CNPH*6024A**	0.98	0.94	PG9MXA060120
CNPV*6024A**	0.98	0.94	PG9MXA060120
CSPH*6012A**	0.98	0.94	PG9MXA060120

See notes on pg. 21

DETAILED COOLING CAPACITIES# (CONT.)

CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																
EVAPORATOR AIR		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)		
CFM	EWB ° F (° C)	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**	Capacity MBtu/h†		Total Sys. KW**
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	
PAT14NA061 – A Outdoor Section With CNPV*6124A** Indoor Section																
1750	57 (13.9)	56.12	56.12	3.59	53.87	53.87	3.96	51.45	51.45	4.36	48.85	48.85	4.81	46.01	46.01	5.32
	62 (16.7)	56.61	50.03	3.59	53.99	53.71	3.96	51.53	51.53	4.36	48.91	48.91	4.81	46.07	46.07	5.32
	67 (19.4)	61.67	41.90	3.60	58.57	40.76	3.98	55.32	39.57	4.38	51.90	38.32	4.83	48.25	37.01	5.33
	72 (22.2)	67.62	33.64	3.61	64.17	32.48	4.00	60.55	31.27	4.41	56.75	30.03	4.86	52.72	28.73	5.37
	57 (13.9)	56.26	56.26	3.69	55.82	55.82	4.06	53.22	53.22	4.47	50.41	50.41	4.92	47.39	47.39	5.42
2000	62 (16.7)	56.34	56.34	3.69	55.90	55.90	4.06	53.29	53.29	4.47	50.48	50.48	4.92	47.44	47.44	5.42
	67 (19.4)	62.60	44.79	3.70	59.37	43.62	4.07	56.00	42.40	4.48	52.45	41.12	4.93	48.71	39.77	5.43
	72 (22.2)	68.57	35.41	3.71	64.98	34.24	4.10	61.21	33.01	4.51	57.26	31.74	4.96	53.12	30.42	5.47
	57 (13.9)	60.00	60.00	3.79	57.40	57.40	4.16	54.63	54.63	4.57	51.66	51.66	5.02	48.47	48.47	5.53
	62 (16.7)	60.08	60.08	3.79	57.47	57.47	4.16	54.69	54.69	4.57	51.72	51.72	5.02	48.52	48.52	5.53
2250	67 (19.4)	63.28	47.56	3.80	59.95	46.35	4.17	56.48	45.10	4.58	52.87	43.78	5.03	49.07	42.36	5.54
	72 (22.2)	69.23	37.11	3.81	65.54	35.91	4.19	61.63	34.66	4.61	57.60	33.38	5.06	53.35	32.05	5.57
COOLING INDOOR MODEL																
*CNPV*6124A**		CAPACITY		POWER		FURNACE MODEL		COOLING INDOOR MODEL		CAPACITY		POWER		FURNACE MODEL		FURNACE MODEL
CAP**6021A**		1.00	1.00	0.96	0.96	PG8*EA048090	PG8*EA060110	CAP**6021A**		0.96	0.96	0.96	0.96	CNPV*6124A**		
CAP**6024A**		0.96	0.96	0.96	0.96	PG8*EA048090	PG8*EA060110	CAP**6024A**		0.96	0.96	0.96	0.96	CSPH*6012A**		PG9MXA048080
CNPV*6024A**		0.98	0.98	0.98	0.98	PG8*EA048090	PG8*EA060110	CNPV*6024A**		0.96	0.96	0.93	0.96	CAP**6021A**		PG9MXA060100
CNPV*6124A**		0.98	0.98	0.98	0.98	PG8*EA048090	PG8*EA060110	CNPV*6124A**		0.97	0.94	0.93	0.96	CNPV*6024A**		PG9MXA060100
CNPV*6024A**		0.97	0.97	0.97	0.97	PG8*EA048090	PG8*EA060110	CNPV*6024A**		0.96	0.96	0.96	0.96	CNPV*6124A**		PG9MXA060100
CSPH*6012A**		0.98	0.98	0.98	0.98	PG8*EA048090	PG8*EA060110	CSPH*6012A**		0.96	0.96	0.96	0.96	CAP**6021A**		PG9MXA060100
PF4MNA060		0.98	0.98	1.02	0.98	PG8*EA048090	PG8*EA060135	CAP**6024A**		0.96	0.96	0.96	0.93	CNPV*6124A**		PG9MXA060100
CAP**6021A**		0.96	0.96	0.96	0.96	PG8*EA048090	PG8*EA060135	CNPV*6124A**		0.96	0.96	0.96	0.96	CAP**6024A**		PG9MXA060120
CAP**6024A**		0.96	0.96	0.96	0.96	PG8*EA048090	PG8*EA060135	CNPV*6124A**		0.97	0.94	0.96	0.93	CNPV*6024A**		PG9MXA060120
CNPV*6024A**		0.96	0.96	0.96	0.96	PG8*EA048090	PG8*EA060135	CNPV*6024A**		0.96	0.96	0.96	0.96	CNPV*6124A**		PG9MXA060120
CNPV*6124A**		0.96	0.96	0.96	0.96	PG8*EA048090	PG8*EA060135	CNPV*6124A**		0.96	0.96	0.96	0.97	CNPV*6024A**		PG9MXA060120
CNPV*6024A**		0.96	0.96	0.96	0.96	PG8*EA048090	PG8*EA060135	CNPV*6024A**		0.96	0.96	0.96	0.97	CNPV*6124A**		PG9MXA060120
CNPV*6124A**		0.98	0.94	0.94	0.98	PG8*EA048090	PG8*EA060135	CNPV*6124A**		0.96	0.96	0.96	0.98	CNPV*6124A**		PG9MXA060120
CSPH*6012A**		0.96	0.96	0.96	0.96	PG8*EA048090	PG8*EA060135	CNPV*6124A**		0.96	0.96	0.96	0.98	CSPH*6012A**		PG9MXA060120

Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per AHRI standard 210/240-08. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* Tested combination.

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

‡ Sensible capacities shown are based on 80° F (27° C) entering air at the indoor coil. For sensible capacities at other than 80° F (27° C), deduct 835 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).

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

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

SYSTEM DESIGN SUMMARY

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. For interconnecting refrigerant tube lengths greater than 80 ft (23.4 m) and/or 35 ft (10.7 m) vertical differential, consult Residential Piping and Longline Guideline and Service Manual available from equipment distributor.
6. If any refrigerant tubing is buried, provide a 6 in. (152.4 mm) vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. (914.4 mm) may be buried without further consideration. Do not bury refrigerant lines longer than 36 in. (914.4 mm).
7. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
8. Do not apply capillary tube indoor coils to these units.
9. Factory-supplied filter drier must be installed.