

**24APA7
Performance™ 17 2–Stage Air Conditioner
with Puron® Refrigerant
2 to 5 Tons**



Product Data



**Performance
SERIES**

Carrier's Air Conditioners with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 24APA7 has been designed utilizing Carrier's Puron refrigerant. The environmentally sound refrigerant allows you to make a responsible decision in the protection of the earth's ozone layer.

This product has been designed and manufactured to meet Energy Star® criteria for energy efficiency when matched with appropriate coil components. Refer to the combination ratings in the Product Data for system combinations that meet Energy Star® guidelines.

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

INDUSTRY LEADING FEATURES / BENEFITS

Efficiency

- 14 - 18 SEER / 11.6 - 13.9 EER
- Microtube Technology™ refrigeration system
- Indoor air quality accessories available

Sound

- Sound level as low as 71 dBA

Comfort

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

Reliability

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

Durability

WeatherArmor™ protection package:

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

Applications

- Long-line - up to 250 feet (76.2 m) total equivalent length, up to 200 feet (60.96 m) condenser above evaporator, or up to 80 ft. (24.38 m) evaporator above condenser (See Longline Guide for more information.)

MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12	13
N	N	A	A	A/N	N	N	N	A/N	A/N	A/N	N	N
2	4	A	P	A	7	3	6	A	0	0	3	0
Product Series	Product Family	Tier	Major Series	SEER	Cooling Capacity	Variations	Open	Open	Voltage	Minor Series		
24=AC	A=RES AC	P = Performance	A=Puron	7=17 SEER Nominal		A=Standard	0=Not Defined	0=Not Defined	3=208/230-1	0, 1, 2...		



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



Ideal Humidity



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

STANDARD FEATURES

FEATURES	Unit Size – Voltage, Series			
	24–30	36–30	48–31	60–31
Puron Refrigerant	X	X	X	X
Maximum SEER Rating*	17.0	18.0	17.5	17.0
2–Stage Scroll Compressor	X	X	X	X
Crankcase Heater w/Temperature Switch	X	X	X	X
Long line Capability	X	X	X	X
Low Ambient Capability to 0°F (–17.8°C) w/Infinity Control	X	X	X	X
Enhanced Diagnostics w/Infinity Control	X	X	X	X
Utility Interface Connection	X	X	X	X
Louvered Coil Guard	X	X	X	X
Field Installed Filter Drier	X	X	X	X
Front Seating Service Valves	X	X	X	X
Internal Pressure Relief Valve	X	X	X	X
Internal Thermal Overload	X	X	X	X
Long Line capability	X	X	X	X
Low Pressure Switch	X	X	X	X
High Pressure Switch	X	X	X	X
Sound Blanket	X	X	X	X

X = Standard

* With approved combinations

REFRIGERANT PIPING LENGTH LIMITATIONS

Liquid Line Sizing and Maximum Total Equivalent Lengths† for Cooling Only Systems with Puron® Refrigerant:

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

See Table below for liquid line sizing and maximum lengths :

Maximum Total Equivalent Length Outdoor Unit BELOW Indoor Unit

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

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

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

-- = outside acceptable range

24APA7

Maximum Total Equivalent Length Outdoor Unit ABOVE Indoor Unit

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

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

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

REFRIGERANT CHARGE ADJUSTMENTS

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

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

Charging Formula:

[(Lineset oz/ft x total length) - (factory charge for lineset)] = charge adjustment

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

Formula: (.27 oz/ft x 15ft) - (9 oz) = (-4.95) oz.

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

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

Formula: (.40 oz/ft. x 45ft) - (9 oz.) = 9 oz.

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

LONG LINE APPLICATIONS

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

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

AC WITH PURON® REFRIGERANT LONG LINE DESCRIPTION ft (m) Beyond these lengths, long line accessories are required

Liquid Line Size	Units On Same Level	Outdoor Below Indoor	Outdoor Above Indoor
1/4	No accessories needed within allowed lengths	No accessories needed within allowed lengths	175 (53.3)
5/16	120 (36.6)	50 (15.2) vertical or 120 (36.6) total	120 (36.6)
3/8	80 (24.4)	35 (10.7) vertical or 80 (24.4) total	80 (24.4)

Note: See Long Line Guideline for details

VAPOR LINE SIZING AND COOLING CAPACITY LOSS

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

Vapor Line Sizing and Cooling Capacity Losses — Puron® Refrigerant 2-Stage Air Conditioner Applications

Unit Nominal Size (Btuh)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In.) OD	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			26–50 (7.9–15.2)	51–80 (15.5–24.4)	81–100 (24.7–30.5)	101–125 (30.8–38.1)	126–150 (38.4–45.7)	151–175 (46.0–50.3)	176–200 (53.6–60.0)	201–225 (61.3–68.6)	226–250 (68.9–76.2)
024 2-Stage Puron AC	3/8	5/8	0	1	1	2	3	3	4	4	5
		3/4	0	0	0	0	1	1	1	1	1
036 2-Stage Puron AC	3/8	5/8	1	2	4	5	6	7	9	10	11
		3/4	0	0	1	1	2	2	3	3	4
		7/8	0	0	0	0	1	1	1	1	2
048 2-Stage Puron AC	3/8	3/4	1	2	2	3	4	5	6	7	7
		7/8	0	1	1	2	2	2	3	3	3
		1–1/8	0	0	—	—	—	—	—	—	—
060 2-Stage Puron AC	3/8	3/4	1	2	4	5	6	7	9	10	11
		7/8	0	1	2	2	3	4	4	5	5
		1–1/8	0	0	0	1	1	1	1	1	1

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

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

PHYSICAL DATA

UNIT SIZE – VOLTAGE, SERIES	24–30	36–30	48–31	60–31
Operating Weight lb (kg)	204 (93)	204 (93)	306 (139)	316 (143)
Shipping Weight lb (kg)	243 (110)	243 (110)	363 (165)	373 (169)
Compressor Type	2-Stage Scroll			
REFRIGERANT	Puron® (R-410A)			
Control	TXV (Puron® Hard Shutoff)			
Charge lb (kg)	6.63 (3.01)	6.88 (3.12)	11.63 (5.27)	15.13 (6.86)
COND FAN	Propeller Type, Direct Drive			
Air Discharge	Vertical			
Air Qty (CFM)	3100	3400	4300	4450
Motor HP	1/10	1/5	1/4	1/4
Motor RPM	800	800	800	800
COND COIL				
Face Area (Sq ft)	21.56	21.56	25.15	30.18
Fins per In.	25	25	20	20
Rows	1	1	2	2
Circuits	4	4	7	8
VALVE CONNECT. (In. ID)				
Vapor	3/4	7/8	7/8	7/8
Liquid	3/8			
REFRIGERANT TUBES (In. OD)				
Rated Vapor*	3/4	7/8	1–1/8	1–1/8
Liquid	3/8			

*Units are rated with 25 ft (7.6 m) of lineset length. See *Vapor Line Sizing and Cooling Capacity Loss* table when using other sizes and lengths of lineset.

ELECTRICAL DATA

Unit Size – Voltage, Series	V/PH	OPER VOLTS*		COMPR		FAN	MCA	MIN WIRE SIZE†	MIN WIRE SIZE†	MAX LENGTH ft. (m)‡	MAX LENGTH ft. (m)‡	MAX FUSE** or CKT BRK AMPS
		MIN	MAX	RLA	LRA	FLA		60° C	75° C	60° C	75° C	
24–30	208/230	187	253	10.30	52.0	0.7	13.58	14.00	14.00	60 (18.3)	57 (17.4)	20
36–30	208/230			16.70	82.0	1.2	22.08	12.00	12.00	57 (17.4)	54 (16.5)	35
48–31	208/230			21.20	96.0	1.3	27.80	10.00	10.00	72 (21.9)	68 (20.7)	40
60–31	208/230			23.00	118.0	1.3	30.06	8.00	10.00	93 (28.3)	57 (17.4)	50

* Permissible limits of the voltage range at which the unit will operate satisfactorily

† If wire is applied at ambient greater than 30°C, consult table 310–16 of the NEC (NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60°C conditions; per the NEC (NFPA 70) Article 336–26. If other than uncoated (no-plated), 60 or 75°C insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (NFPA 70).

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

** Time–Delay fuse.

FLA – Full Load Amps

LRA – Locked Rotor Amps

MCA – Minimum Circuit Amps

RLA – Rated Load Amps

NOTE: Control circuit is 24–V on all units and requires external power source. Copper wire must be used from service disconnect to unit.

All motors/compressors contain internal overload protection.

Complies with 2007 requirements of ASHRAE Standards 90.1

A-WEIGHTED SOUND POWER (dBA)

Unit Size – Voltage, Series	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)					
		125	250	500	1000	4000	8000
24 – 30	71 – low stage	49.4	61.4	60.8	61.5	55.5	46.9
	72 – high stage	49.9	58.4	61.8	60.0	56.0	50.4
36 – 30	72 – low stage	48.9	57.9	64.3	62.0	55.5	50.9
	74 – high stage	49.4	59.4	62.3	64.0	56.5	52.4
48 – 31	74 – low stage	53.9	63.9	61.8	64.0	56.0	47.9
	74 – high stage	52.9	60.9	61.8	64.0	60.0	48.9
60 – 31	73 – low stage	51.9	58.9	65.3	61.5	55.0	48.4
	73 – high stage	52.4	61.4	62.3	64.0	56.0	49.9

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

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE – VOLTAGE, SERIES	REQUIRED SUBCOOLING °F (°C)
24–30	10 (5.6)
36–30	10 (5.6)
48–31	10 (5.6)
60–31	10 (5.6)

CONTROLS / THERMOSTATS

Infinity Controls	DESCRIPTION
SYSTXCCUIZ01–B	Infinity System Zone Control User Interface
SYSTXCCUID01–B	Infinity System Non–Zone Control User Interface

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
TP–PRH01–A	Programmable Thermidistat
TP–NRH01–A	Non–programmable Thermidistat
TP–PHP01*	Performance Series Programmable HP Stat
TP–NHP01*	Performance Series Non–programmable HP Stat
TC–PHP01*	Comfort Series Programmable HP Stat
TC–NHP01*	Comfort Series Non–programmable HP Stat

*Serial numbers beginning with 2909 and thereafter.

ACCESSORIES

ORDER NUMBER	DESCRIPTION	24–30	36–30	48–31	60–31
KSAHS2301AAA	HARD START KIT	X			
KSAHS2401AAA	HARD START KIT		X		
KSAHS2501AAA	HARD START KIT			X	
KSAHS2601AAA	HARD START KIT				X
KSASF0101AAA	SUPPORT FEET	X	X	X	X
KSATX0201PUR	TXV PURON HSO	X			
KSATX0301PUR	TXV PURON HSO		X		
KSATX0401PUR	TXV PURON HSO			X	
KSATX0501PUR	TXV PURON HSO				X

x = Accessory

ACCESSORY USAGE GUIDELINE

ACCESSORY	REQUIRED FOR LOW-AMBIENT COOLING APPLICATIONS (Below 55°F/12.8°C)	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 ft/24.38 m)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles/3.22 km)
Crankcase Heater	Standard	Standard	Standard
Evaporator Freeze Protection	Standard with Infinity™ Control (Low Ambient not allowed with non-communicating thermostat)	No	No
Liquid-Line Solenoid Valve	No	No	No
Low-Ambient Control	Standard with Infinity Control (Low ambient not allowed with non-communicating thermostat)	No	No
Puron Refrigerant Balance Port Hard-ShutOff TXV	Yes†	Yes†	Yes†
Support Feet	Recommended	No	Recommended
Winter Start Control	Standard with Infinity Control (Low Ambient not allowed with non-communicating thermostat)	No	No

* For tubing set lengths between 80 and 200 ft. (24.38 and 60.96 m) horizontal or 35 ft. (10.7 m) vertical differential (total equivalent length), refer to the Long Line Guideline—Air Conditioners and Heat Pumps using Puron® Refrigerant.

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

Accessory Description and Usage (Listed Alphabetically)

1. Compressor Start Assist - Capacitor and Relay

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

Usage Guideline:

Not required on this unit since compressor always starts unloaded.

Available if required by local codes.

2. Crankcase Heater

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

Usage Guideline:

Required in low ambient cooling applications.

Required in long line applications.

Suggested in all commercial applications.

3. Support Feet

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

Usage Guideline:

Suggested in the following applications:

Coastal installations.

Windy areas or where debris is normally circulating.

Rooftop installations.

For improved sound ratings.

4. 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.

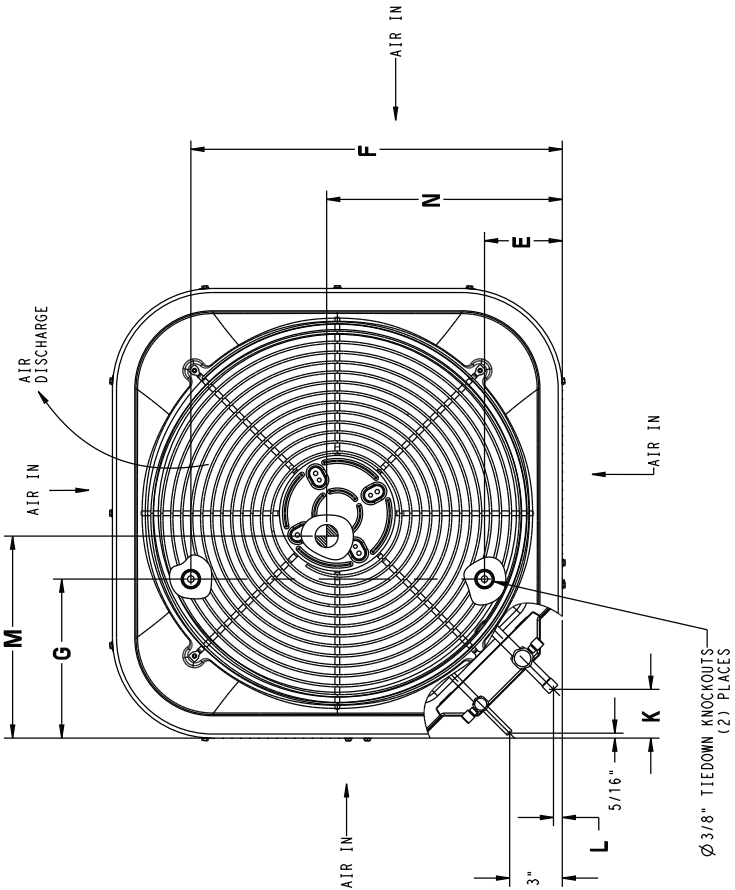
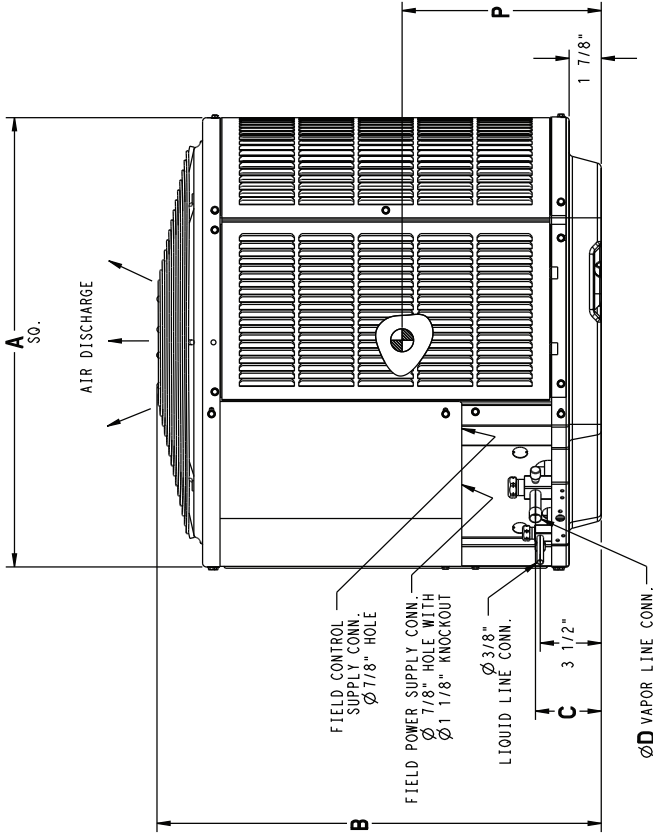
Hard shut off TXV or LLS required in air conditioner long line applications.

DIMENSIONS - ENGLISH

UNIT	SERIES	ELECTRICAL CHARACTERISTICS			A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)		
24APAT24	0	X	0	0	0	31 3/16"	39 1/8"	3 7/8"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	14 1/4"	17 1/4"	19 1/4"	204	243	32 3/8" X 35 1/2" X 42 3/4"	
24APAT36	0	X	0	0	0	31 3/16"	39 1/8"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	14 1/4"	17 1/4"	19 1/4"	206	243	32 3/8" X 35 1/2" X 42 3/4"	
24APAT48	0, 1	X	0	0	0	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	18"	17 1/2"	19 1/2"	306	263	36 1/8" X 39 5/16" X 42 3/4"	
24APAT60	0, 1	X	0	0	0	35"	45 7/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	17 7/8"	18 5/8"	20 1/4"	316	373	36 1/8" X 39 5/16" X 46 3/16"	

X = YES
O = NO

208-230-160	230-160	208/230-3-60	460-3-60
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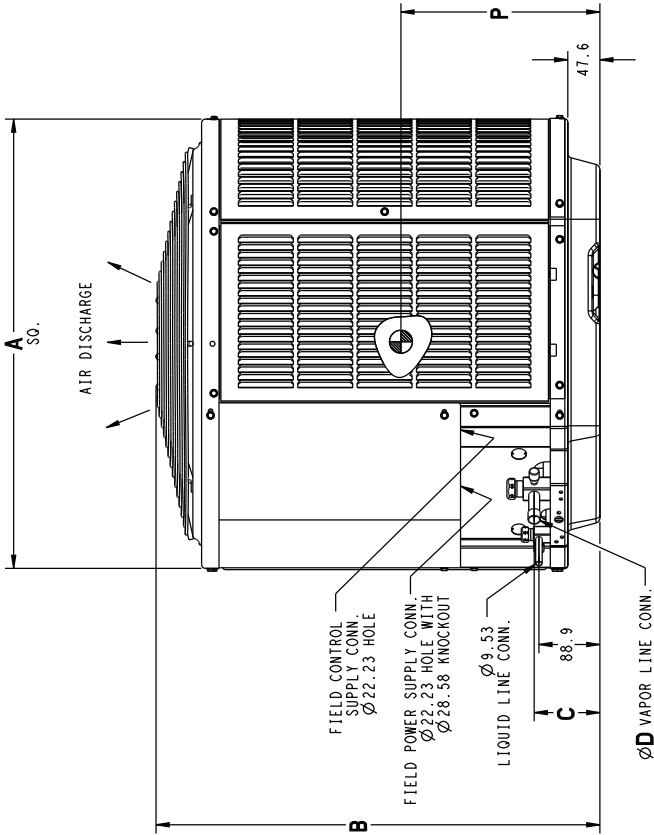
UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
24, 36	31 1/2" X 31 1/2"
48, 60	35" X 35"

DIMENSIONS - SI

UNIT	SERIES	ELECTRICAL CHARACTERISTICS			A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (Kgs)	SHIPPING WEIGHT (Kgs)	SHIPPING DIMENSIONS (L x W x H)			
24APA724	0	X	0	0	0	792.2	993.8	98.4	19.1	166.7	627.1	231.8	74.6	15.9	362.0	438.2	489.0	93	110	822.3	X 901.7	X 1085.9
24APA736	0	X	0	0	0	792.2	993.8	98.4	22.2	166.7	627.1	231.8	74.6	15.9	362.0	438.2	489.0	93	110	822.3	X 901.7	X 1085.9
24APA748	0, 1	X	0	0	0	889.0	993.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	457.2	444.5	495.3	139	119	917.6	X 998.5	X 1085.9
24APA760	0, 1	X	0	0	0	889.0	1165.2	98.4	22.2	166.7	722.3	231.8	74.6	15.9	454.0	473.1	514.4	143	169	917.6	X 998.5	X 1173.2

X = YES
O = NO

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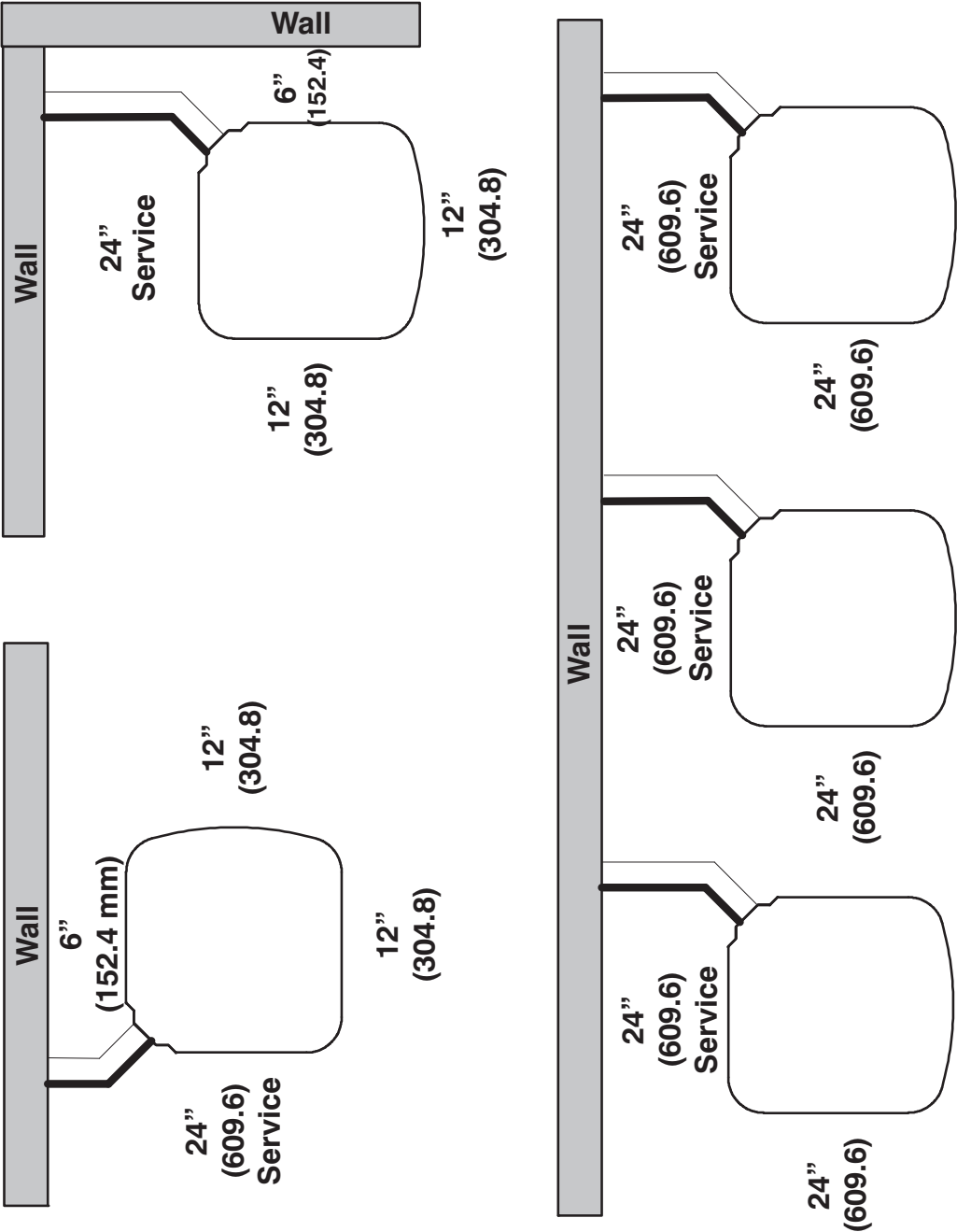


Ø9.53 TIEDOWN KNOCKOUTS
(2) PLACES

UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
24, 36	800.1 X 800.1
48, 60	889.0 X 889.0

CLEARANCES

Clearances (various examples)



Note: Numbers in () = mm

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

COMBINATION RATINGS

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3483687	24APA724A30	†CNPV*4217A**	58PH*045–08	25,200	21,000	13.2	16.0	715	585
3483688	24APA724A30	CAP**2414A**+TDR		24,200	20,000	11.8	14.0	700	560
3613515	24APA724A30	CAP**2417A**	58ME(B,C)040–12	25,200	21,200	13.3	16.5	765	655
3483781	24APA724A30	CAP**2417A**	58ME(B,C)060–12	25,200	21,000	13.3	16.5	780	625
3483780	24APA724A30	CAP**2417A**	58MEB040–12	25,200	21,200	13.3	16.5	765	655
3877989	24APA724A30	CAP**2417A**	58UVB060–14	24,800	20,600	13.2	16.0	725	580
3563730	24APA724A30	CAP**2417A**	58VLR105–12	24,800	20,600	13.2	16.5	715	585
3563729	24APA724A30	CAP**2417A**	58VMR105–12	24,600	20,200	13.0	16.0	660	520
4213144	24APA724A30	CAP**2417A**	OVLAAB036098	24,800	19,800	12.5	16.0	865	530
4213143	24APA724A30	CAP**2417A**	OVMAAB036098	24,400	20,000	12.7	16.2	725	550
4213145	24APA724A30	CAP**2417A**	OVMAAB042112	24,400	20,200	13.0	16.2	690	580
3483689	24APA724A30	CAP**2417A**+TDR		24,200	20,000	11.8	14.0	700	560
3483691	24APA724A30	CAP**2417A**+UI	58CV(A,X)090–16	24,600	20,400	13.2	16.0	670	535
3483690	24APA724A30	CAP**2417A**+UI	58MV(B,C)060–14	24,800	20,600	13.2	16.0	725	580
3483694	24APA724A30	CAP**3014A**	58PH*045–08	25,000	20,600	13.0	16.0	720	585
3483692	24APA724A30	CAP**3014A**+TDR		24,400	20,000	11.9	14.0	700	560
3483693	24APA724A30	CAP**3014A**+UI	58CV(A,X)070–12	24,600	20,200	13.1	16.0	660	530
3613512	24APA724A30	CAP**3017A**	58ME(B,C)040–12	25,400	21,200	13.5	16.5	785	680
3483785	24APA724A30	CAP**3017A**	58ME(B,C)060–12	25,400	21,200	13.4	16.5	795	650
3483784	24APA724A30	CAP**3017A**	58MEB040–12	25,400	21,200	13.5	16.5	785	680
3877990	24APA724A30	CAP**3017A**	58UVB060–14	25,000	20,600	13.3	16.5	725	580
3563732	24APA724A30	CAP**3017A**	58VLR105–12	25,000	20,600	13.0	16.5	715	585
3563731	24APA724A30	CAP**3017A**	58VMR105–12	24,600	20,200	13.0	16.0	660	520
4213147	24APA724A30	CAP**3017A**	OVLAAB036098	25,000	19,800	12.7	16.2	865	530
4213146	24APA724A30	CAP**3017A**	OVMAAB036098	24,600	20,000	12.7	16.2	725	550
4213148	24APA724A30	CAP**3017A**	OVMAAB042112	24,400	20,200	13.0	16.5	690	580
3483695	24APA724A30	CAP**3017A**+TDR		24,400	20,000	11.9	14.0	700	560
3483697	24APA724A30	CAP**3017A**+UI	58CV(A,X)090–16	24,800	20,400	13.3	16.0	670	535
3483696	24APA724A30	CAP**3017A**+UI	58MV(B,C)060–14	25,000	20,600	13.3	16.5	725	580
3483700	24APA724A30	CAP**3614A**	58PH*045–08	25,000	20,800	13.1	16.0	725	590
3483698	24APA724A30	CAP**3614A**+TDR		24,400	20,200	11.9	14.0	700	560
3483699	24APA724A30	CAP**3614A**+UI	58CV(A,X)070–12	24,800	20,400	13.1	16.0	660	530
3613513	24APA724A30	CAP**3617A**	58ME(B,C)040–12	25,400	21,400	13.5	17.0	790	695
3483789	24APA724A30	CAP**3617A**	58ME(B,C)060–12	25,600	21,200	13.5	16.5	805	660
3483788	24APA724A30	CAP**3617A**	58MEB040–12	25,400	21,400	13.5	17.0	790	695
3877991	24APA724A30	CAP**3617A**	58UVB060–14	25,200	20,800	13.4	16.5	725	580
4213150	24APA724A30	CAP**3617A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213149	24APA724A30	CAP**3617A**	OVMAAB036098	24,600	20,200	12.7	16.2	725	550
4213151	24APA724A30	CAP**3617A**	OVMAAB042112	24,600	20,400	13.2	16.5	690	580
3483701	24APA724A30	CAP**3617A**+TDR		24,400	20,200	11.9	14.0	700	560
3483703	24APA724A30	CAP**3617A**+UI	58CV(A,X)090–16	24,800	20,400	13.3	16.5	670	535
3483702	24APA724A30	CAP**3617A**+UI	58MV(B,C)060–14	25,200	20,800	13.4	16.5	725	580
3563746	24APA724A30	CAP**3619A**	58HDV040–12	25,000	20,600	13.0	16.0	765	595
3563747	24APA724A30	CAP**3619A**	58HDV060–12	25,000	21,000	13.0	16.0	820	640
4213156	24APA724A30	CAP**3619A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213155	24APA724A30	CAP**3619A**	OVMAAB036098	24,600	20,200	12.7	16.2	725	550
4213157	24APA724A30	CAP**3619A**	OVMAAB042112	24,600	20,400	13.2	16.5	690	580
3594971	24APA724A30	CAP**3619A**+TDR		24,000	20,000	11.8	14.0	700	560
3483790	24APA724A30	CAP**3621A**	58ME(B,C)060–12	25,600	21,400	13.6	17.0	820	695
3877992	24APA724A30	CAP**3621A**	58UVB080–14	24,800	20,400	13.3	16.5	660	530
3877993	24APA724A30	CAP**3621A**	58UVB080–20	24,600	20,200	13.2	16.0	630	505
3877994	24APA724A30	CAP**3621A**	58UVB100–20	24,800	20,400	13.3	16.5	665	530
4213153	24APA724A30	CAP**3621A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213152	24APA724A30	CAP**3621A**	OVMAAB036098	24,600	20,200	13.0	16.2	725	550
4213154	24APA724A30	CAP**3621A**	OVMAAB042112	24,600	20,400	13.2	16.5	690	580
3483704	24APA724A30	CAP**3621A**+TDR		24,400	20,200	11.9	14.0	700	560
3483708	24APA724A30	CAP**3621A**+UI	58CV(A,X)110–20	24,800	20,400	13.3	16.5	675	540
3483705	24APA724A30	CAP**3621A**+UI	58MV(B,C)080–14	24,800	20,400	13.3	16.5	660	530
3483706	24APA724A30	CAP**3621A**+UI	58MV(B,C)080–20	24,600	20,200	13.2	16.0	630	505
3483707	24APA724A30	CAP**3621A**+UI	58MV(B,C)100–20	24,800	20,400	13.3	16.5	665	530
3613517	24APA724A30	CNPV*2417A**	58ME(B,C)040–12	25,000	21,000	13.2	16.5	725	610
3483803	24APA724A30	CNPV*2417A**	58ME(B,C)060–12	25,000	20,800	13.2	16.5	735	575
3483802	24APA724A30	CNPV*2417A**	58MEB040–12	25,000	21,000	13.2	16.5	725	610
3483732	24APA724A30	CNPV*2417A**	58PH*045–08	24,600	20,600	12.9	16.0	695	565
4213178	24APA724A30	CNPV*2417A**	OVLAAB036098	24,800	20,000	12.2	16.0	865	530
4213177	24APA724A30	CNPV*2417A**	OVMAAB036098	24,400	20,000	12.5	16.0	725	550
4213179	24APA724A30	CNPV*2417A**	OVMAAB042112	24,200	20,400	12.7	16.2	690	580
3483726	24APA724A30	CNPV*2417A**+TDR		24,200	20,200	11.8	14.0	700	560
3483730	24APA724A30	CNPV*2417A**+UI	58CV(A,X)070–12	24,400	20,200	13.0	16.0	660	530
3483731	24APA724A30	CNPV*2417A**+UI	58CV(A,X)090–16	24,600	20,400	13.1	16.0	670	535
3483728	24APA724A30	CNPV*2417A**+UI	58MV(B,C)060–14	24,800	20,600	13.1	16.0	725	580

See notes on page 21

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3483729	24APA724A30	CNPH*2417A**+UI	58MV(B,C)080-14	24,600	20,400	13.0	16.0	660	530
3483727	24APA724A30	CNPH*2417A**+UI	58MVB040-14	24,600	20,400	12.9	16.0	675	540
3613518	24APA724A30	CNPH*3017A**	58ME(B,C)040-12	25,400	21,200	13.4	16.5	775	675
3483805	24APA724A30	CNPH*3017A**	58ME(B,C)060-12	25,400	21,200	13.4	16.5	790	645
3483804	24APA724A30	CNPH*3017A**	58MEB040-12	25,400	21,200	13.4	16.5	775	675
3483739	24APA724A30	CNPH*3017A**	58PH*045-08	25,000	20,800	13.1	16.0	730	595
4213181	24APA724A30	CNPH*3017A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213180	24APA724A30	CNPH*3017A**	OVMAAB036098	24,600	20,000	12.7	16.2	725	550
4213182	24APA724A30	CNPH*3017A**	OVMAAB042112	24,400	20,400	13.0	16.5	690	580
3483733	24APA724A30	CNPH*3017A**+TDR		24,400	20,000	11.9	14.0	700	560
3483737	24APA724A30	CNPH*3017A**+UI	58CV(A,X)070-12	24,600	20,200	13.1	16.0	660	530
3483738	24APA724A30	CNPH*3017A**+UI	58CV(A,X)090-16	24,800	20,400	13.3	16.5	670	535
3483735	24APA724A30	CNPH*3017A**+UI	58MV(B,C)060-14	25,000	20,600	13.3	16.5	725	580
3483736	24APA724A30	CNPH*3017A**+UI	58MV(B,C)080-14	24,600	20,200	13.2	16.0	660	530
3483734	24APA724A30	CNPH*3017A**+UI	58MVB040-14	24,800	20,400	13.1	16.0	675	540
4213184	24APA724A30	CNPH*3117A**	OVLAAB036098	25,600	20,400	13.0	16.5	865	530
4213183	24APA724A30	CNPH*3117A**	OVMAAB036098	25,000	20,400	13.0	16.5	725	550
4213185	24APA724A30	CNPH*3117A**	OVMAAB042112	25,000	20,800	13.2	16.7	690	580
3483806	24APA724A30	CNPH*3617A**	58ME(B,C)060-12	25,200	21,200	13.4	16.5	790	645
3483748	24APA724A30	CNPH*3617A**	58PH*045-08	25,000	20,800	13.1	16.0	730	595
4213187	24APA724A30	CNPH*3617A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213186	24APA724A30	CNPH*3617A**	OVMAAB036098	24,600	20,000	12.7	16.2	725	550
4213188	24APA724A30	CNPH*3617A**	OVMAAB042112	24,400	20,400	13.0	16.5	690	580
3483742	24APA724A30	CNPH*3617A**+TDR		24,400	20,000	11.9	14.0	700	560
3483746	24APA724A30	CNPH*3617A**+UI	58CV(A,X)070-12	24,600	20,200	13.1	16.0	660	530
3483747	24APA724A30	CNPH*3617A**+UI	58CV(A,X)090-16	24,800	20,400	13.3	16.5	670	535
3483744	24APA724A30	CNPH*3617A**+UI	58MV(B,C)060-14	25,000	20,600	13.3	16.5	725	580
3483745	24APA724A30	CNPH*3617A**+UI	58MV(B,C)080-14	24,600	20,200	13.2	16.0	660	530
3483743	24APA724A30	CNPH*3617A**+UI	58MVB040-14	24,800	20,400	13.1	16.0	675	540
3483711	24APA724A30	CNPV*2414A**	58PH*045-08	24,600	20,600	12.9	16.0	695	565
3483709	24APA724A30	CNPV*2414A**+TDR		24,200	20,200	11.8	14.0	700	560
3483710	24APA724A30	CNPV*2414A**+UI	58CV(A,X)070-12	24,400	20,200	13.0	16.0	660	530
3613514	24APA724A30	CNPV*2417A**	58ME(B,C)040-12	25,000	21,000	13.2	16.5	725	610
3483794	24APA724A30	CNPV*2417A**	58ME(B,C)060-12	25,000	20,800	13.1	16.5	735	575
3483793	24APA724A30	CNPV*2417A**	58MEB040-12	25,000	21,000	13.2	16.5	725	610
3877995	24APA724A30	CNPV*2417A**	58UVB060-14	24,800	20,600	13.0	16.0	725	580
3563734	24APA724A30	CNPV*2417A**	58VLR105-12	24,800	20,800	13.0	16.5	715	585
3563733	24APA724A30	CNPV*2417A**	58VMR105-12	24,400	20,200	12.8	16.0	660	520
4213160	24APA724A30	CNPV*2417A**	OVLAAB036098	24,800	20,000	12.2	16.0	865	530
4213158	24APA724A30	CNPV*2417A**	OVMAAB036098	24,400	20,000	12.5	16.0	725	550
4213161	24APA724A30	CNPV*2417A**	OVMAAB042112	24,200	20,400	12.7	16.2	690	580
3483712	24APA724A30	CNPV*2417A**+TDR		24,200	20,200	11.8	14.0	700	560
3483714	24APA724A30	CNPV*2417A**+UI	58CV(A,X)090-16	24,600	20,400	13.1	16.0	670	535
3483713	24APA724A30	CNPV*2417A**+UI	58MV(B,C)060-14	24,800	20,600	13.0	16.0	725	580
3483717	24APA724A30	CNPV*3014A**	58PH*045-08	24,800	20,600	13.0	16.0	705	580
3483715	24APA724A30	CNPV*3014A**+TDR		24,400	20,000	11.9	14.0	700	560
3483716	24APA724A30	CNPV*3014A**+UI	58CV(A,X)070-12	24,600	20,200	13.1	16.0	660	530
3483797	24APA724A30	CNPV*3017A**	58ME(B,C)060-12	25,400	21,200	13.4	16.5	790	645
3877987	24APA724A30	CNPV*3017A**	58UVB060-14	25,000	20,600	13.3	16.5	725	580
3563736	24APA724A30	CNPV*3017A**	58VLR105-12	25,000	20,800	13.0	16.5	715	585
3563735	24APA724A30	CNPV*3017A**	58VMR105-12	24,600	20,200	13.0	16.0	660	520
4213163	24APA724A30	CNPV*3017A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213162	24APA724A30	CNPV*3017A**	OVMAAB036098	24,600	20,000	12.7	16.2	725	550
4213164	24APA724A30	CNPV*3017A**	OVMAAB042112	24,400	20,400	13.0	16.5	690	580
3483718	24APA724A30	CNPV*3017A**+TDR		24,400	20,000	11.9	14.0	700	560
3483720	24APA724A30	CNPV*3017A**+UI	58CV(A,X)090-16	24,800	20,400	13.3	16.5	670	535
3483719	24APA724A30	CNPV*3017A**+UI	58MV(B,C)060-14	25,000	20,600	13.3	16.5	725	580
3483798	24APA724A30	CNPV*3117A**	58ME(B,C)060-12	25,600	21,600	13.7	17.0	800	655
3878044	24APA724A30	CNPV*3117A**	58UVB060-14	25,600	21,200	13.6	16.5	725	580
3563738	24APA724A30	CNPV*3117A**	58VLR105-12	25,600	21,200	13.5	16.5	715	585
3563737	24APA724A30	CNPV*3117A**	58VMR105-12	25,200	20,600	13.0	16.5	660	520
4213166	24APA724A30	CNPV*3117A**	OVLAAB036098	25,600	20,400	13.0	16.5	865	530
4213165	24APA724A30	CNPV*3117A**	OVMAAB036098	25,000	20,400	13.0	16.5	725	550
4213167	24APA724A30	CNPV*3117A**	OVMAAB042112	25,000	20,800	13.2	16.7	690	580
3747702	24APA724A30	CNPV*3117A**		24,800	20,600	12.1	14.5	700	560
3483721	24APA724A30	CNPV*3117A**+TDR		24,800	20,600	12.1	14.5	700	560
3484271	24APA724A30	CNPV*3117A**+UI	58CV(A,X)090-16	25,200	20,800	13.5	16.5	670	535
3484270	24APA724A30	CNPV*3117A**+UI	58MV(B,C)060-14	25,600	21,200	13.6	16.5	725	580
3877988	24APA724A30	CNPV*3617A**	58UVB060-14	25,000	20,600	13.3	16.5	725	580
3563740	24APA724A30	CNPV*3617A**	58VLR105-12	25,000	20,800	13.0	16.5	715	585
3563739	24APA724A30	CNPV*3617A**	58VMR105-12	24,600	20,200	13.0	16.0	660	520

See notes on page 21

24APA7

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
4213169	24APA724A30	CNPV*3617A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213168	24APA724A30	CNPV*3617A**	OVMAAB036098	24,600	20,000	12.7	16.2	725	550
4213170	24APA724A30	CNPV*3617A**	OVMAAB042112	24,400	20,400	13.0	16.5	690	580
3483722	24APA724A30	CNPV*3617A** + TDR		24,400	20,000	11.9	14.0	700	560
3483724	24APA724A30	CNPV*3617A** + UI	58CV(A,X)090-16	24,800	20,400	13.3	16.5	670	535
3483723	24APA724A30	CNPV*3617A** + UI	58MV(B,C)060-14	25,000	20,600	13.3	16.5	725	580
3613516	24APA724A30	CNPV*3621A**	58ME(B,C)040-12	25,400	21,400	13.5	16.5	780	680
3483800	24APA724A30	CNPV*3621A**	58ME(B,C)060-12	25,400	21,200	13.4	16.5	790	650
3483799	24APA724A30	CNPV*3621A**	58MEB040-12	25,400	21,400	13.5	16.5	780	680
3895971	24APA724A30	CNPV*3621A**	58MV(B,C)080-14	24,000	19,200	13.0	16.0	660	490
3895970	24APA724A30	CNPV*3621A**	58UVB080-14	24,000	19,200	13.0	16.0	660	490
4213172	24APA724A30	CNPV*3621A**	OVLAAB036098	25,200	20,000	12.7	16.2	865	530
4213171	24APA724A30	CNPV*3621A**	OVMAAB036098	24,600	20,000	12.7	16.2	725	550
4213173	24APA724A30	CNPV*3621A**	OVMAAB042112	24,400	20,400	13.0	16.5	690	580
4213198	24APA724A30	CNPV*3621A** + UI	58MV(B,C)100-20	24,600	20,800	13.0	16.5	700	680
3483801	24APA724A30	CNPV*3717A**	58ME(B,C)060-12	26,200	22,000	13.9	17.0	810	680
3878038	24APA724A30	CNPV*3717A**	58UVB060-14	25,800	21,400	13.7	17.0	725	580
3563742	24APA724A30	CNPV*3717A**	58VLR105-12	25,800	21,400	13.5	16.5	715	585
3563741	24APA724A30	CNPV*3717A**	58VMR105-12	25,400	20,800	13.5	16.5	660	520
4213175	24APA724A30	CNPV*3717A**	OVLAAB036098	26,000	20,600	13.2	16.7	865	530
4213174	24APA724A30	CNPV*3717A**	OVMAAB036098	25,400	20,600	13.2	16.7	725	550
4213176	24APA724A30	CNPV*3717A**	OVMAAB042112	25,200	21,000	13.5	17.0	690	580
3483725	24APA724A30	CNPV*3717A** + TDR		25,200	20,800	12.2	14.5	700	560
3484273	24APA724A30	CNPV*3717A** + UI	58CV(A,X)090-16	25,400	21,000	13.6	16.5	670	535
3484272	24APA724A30	CNPV*3717A** + UI	58MV(B,C)060-14	25,800	21,400	13.7	17.0	725	580
3483757	24APA724A30	CSPH*2412A**	58HDV040-12	24,800	20,600	12.7	16.0	705	540
3483758	24APA724A30	CSPH*2412A**	58HDV060-12	25,000	20,800	12.8	16.0	735	565
3613519	24APA724A30	CSPH*2412A**	58ME(B,C)040-12	25,200	21,000	13.3	16.5	710	585
3483808	24APA724A30	CSPH*2412A**	58ME(B,C)060-12	25,200	20,600	13.2	16.5	725	545
3483807	24APA724A30	CSPH*2412A**	58MEB040-12	25,200	21,000	13.3	16.5	710	585
3483756	24APA724A30	CSPH*2412A**	58PH*045-08	24,800	20,600	13.0	16.0	685	555
3563743	24APA724A30	CSPH*2412A**	58VMR105-12	24,800	20,400	13.0	16.0	660	520
4213190	24APA724A30	CSPH*2412A**	OVLAAB036098	25,000	20,200	12.2	16.0	865	530
4213189	24APA724A30	CSPH*2412A**	OVMAAB036098	24,600	20,200	12.7	16.2	725	550
4213191	24APA724A30	CSPH*2412A**	OVMAAB042112	24,600	20,600	12.7	16.2	690	580
3483751	24APA724A30	CSPH*2412A** + TDR		24,600	20,400	12.0	14.5	700	560
3483754	24APA724A30	CSPH*2412A** + UI	58CV(A,X)070-12	24,800	20,400	13.0	16.0	660	530
3483755	24APA724A30	CSPH*2412A** + UI	58CV(A,X)090-16	24,800	20,600	13.2	16.0	670	535
3483753	24APA724A30	CSPH*2412A** + UI	58MV(B,C)060-14	25,200	20,800	13.1	16.0	725	580
3483752	24APA724A30	CSPH*2412A** + UI	58MVB040-14	24,800	20,600	13.0	16.0	675	540
3483765	24APA724A30	CSPH*3012A**	58HDV040-12	25,000	20,600	12.8	16.0	735	570
3483766	24APA724A30	CSPH*3012A**	58HDV060-12	25,200	20,800	12.9	16.0	780	605
3613520	24APA724A30	CSPH*3012A**	58ME(B,C)040-12	25,400	21,200	13.4	16.5	750	640
3483810	24APA724A30	CSPH*3012A**	58ME(B,C)060-12	25,400	21,000	13.4	16.5	765	605
3483809	24APA724A30	CSPH*3012A**	58MEB040-12	25,400	21,200	13.4	16.5	750	640
3483764	24APA724A30	CSPH*3012A**	58PH*045-08	25,000	20,800	13.1	16.0	715	580
3563744	24APA724A30	CSPH*3012A**	58VMR105-12	24,800	20,200	13.0	16.0	660	520
4213193	24APA724A30	CSPH*3012A**	OVLAAB036098	25,200	20,200	12.7	16.2	865	530
4213192	24APA724A30	CSPH*3012A**	OVMAAB036098	24,800	20,400	12.7	16.5	725	550
4213194	24APA724A30	CSPH*3012A**	OVMAAB042112	24,600	20,600	13.0	16.5	690	580
3483759	24APA724A30	CSPH*3012A** + TDR		24,600	20,200	11.9	14.0	700	560
3483762	24APA724A30	CSPH*3012A** + UI	58CV(A,X)070-12	24,800	20,400	13.1	16.0	660	530
3483763	24APA724A30	CSPH*3012A** + UI	58CV(A,X)090-16	24,800	20,400	13.3	16.0	670	535
3483761	24APA724A30	CSPH*3012A** + UI	58MV(B,C)060-14	25,200	20,800	13.3	16.5	725	580
3483760	24APA724A30	CSPH*3012A** + UI	58MVB040-14	24,800	20,400	13.1	16.0	675	540
3483774	24APA724A30	CSPH*3612A**	58HDV040-12	25,600	21,000	13.1	16.5	755	585
3483775	24APA724A30	CSPH*3612A**	58HDV060-12	25,800	21,400	13.2	16.5	815	630
3613521	24APA724A30	CSPH*3612A**	58ME(B,C)040-12	25,800	21,800	13.7	17.0	780	675
3483812	24APA724A30	CSPH*3612A**	58ME(B,C)060-12	26,000	21,600	13.7	17.0	795	640
3483811	24APA724A30	CSPH*3612A**	58MEB040-12	25,800	21,800	13.7	17.0	780	675
3483773	24APA724A30	CSPH*3612A**	58PH*045-08	25,400	21,200	13.3	16.5	735	590
3563745	24APA724A30	CSPH*3612A**	58VMR105-12	25,200	20,600	13.0	16.5	660	520
4213196	24APA724A30	CSPH*3612A**	OVLAAB036098	25,600	20,200	13.0	16.2	865	530
4213195	24APA724A30	CSPH*3612A**	OVMAAB036098	25,000	20,400	13.0	16.5	725	550
4213197	24APA724A30	CSPH*3612A**	OVMAAB042112	25,000	20,600	13.2	16.7	690	580
3483767	24APA724A30	CSPH*3612A** + TDR		24,800	20,400	12.1	14.5	700	560
3483771	24APA724A30	CSPH*3612A** + UI	58CV(A,X)070-12	25,000	20,600	13.3	16.5	660	530
3483772	24APA724A30	CSPH*3612A** + UI	58CV(A,X)090-16	25,200	20,800	13.5	16.5	670	535
3483769	24APA724A30	CSPH*3612A** + UI	58MV(B,C)060-14	25,600	21,000	13.5	16.5	725	580
3483770	24APA724A30	CSPH*3612A** + UI	58MV(B,C)080-14	25,200	20,600	13.4	16.5	660	530
3483768	24APA724A30	CSPH*3612A** + UI	58MVB040-14	25,200	20,800	13.3	16.5	675	540

See notes on page 21

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3483777	24APA724A30	FE4AN(B,F)003+UI		25,000	20,800	13.5	17.0	700	560
3483776	24APA724A30	FE4ANF002+UI		25,000	20,800	13.3	16.5	700	560
3483779	24APA724A30	FV4CN(B,F)003		25,000	20,800	13.5	16.5	700	560
3483778	24APA724A30	FV4CNF002		25,000	20,800	13.3	16.5	700	560
3483813	24APA736A30	†CNPV*4821A**	58PH*090-16	36,600	30,400	13.2	16.5	1,090	960
3483814	24APA736A30	CAP**3614A**+TDR		34,800	28,600	11.8	14.5	1,050	840
3483815	24APA736A30	CAP**3614A**+UI	58CV(A,X)070-12	35,600	28,800	12.4	16.0	1,005	805
3483951	24APA736A30	CAP**3617A**	58ME(B,C)060-12	36,000	29,600	12.7	16.5	1,080	955
3483952	24APA736A30	CAP**3617A**	58ME(B,C)080-12	36,000	29,600	12.7	16.5	1,055	925
3483953	24APA736A30	CAP**3617A**	58ME(B,C)080-16	36,000	29,800	12.7	16.0	1,080	985
3877996	24APA736A30	CAP**3617A**	58UVB060-14	36,000	29,200	12.7	16.5	1,055	845
3563751	24APA736A30	CAP**3617A**	58VLR105-12	36,000	29,400	12.5	16.0	1,065	880
3563750	24APA736A30	CAP**3617A**	58VMR105-12	35,600	28,800	12.6	16.0	975	800
4213199	24APA736A30	CAP**3617A**	OVMAAB042112	35,400	28,600	12.2	16.2	1,035	825
3483816	24APA736A30	CAP**3617A**+TDR		35,400	28,600	11.8	14.5	1,050	840
4230276	24APA736A30	CAP**3617A**+UI	58CV(A,X)070-12	35,400	28,800	12.2	16.2	1,050	840
3483818	24APA736A30	CAP**3617A**+UI	58CV(A,X)090-16	35,800	29,000	12.8	16.5	1,005	805
3483817	24APA736A30	CAP**3617A**+UI	58MV(B,C)060-14	36,000	29,200	12.7	16.5	1,055	845
3563786	24APA736A30	CAP**3619A**	58HVD040--12	35,000	28,000	12.0	16.0	1,055	815
3563787	24APA736A30	CAP**3619A**	58HVD060--12	35,000	28,000	12.5	16.5	1,100	780
4213212	24APA736A30	CAP**3619A**	OVLAAB048112	35,600	29,000	12.2	16.0	1,085	880
4213211	24APA736A30	CAP**3619A**	OVMAAB042112	35,400	28,600	12.2	16.2	1,035	825
3594966	24APA736A30	CAP**3619A**+TDR		35,400	28,600	11.8	14.0	1,050	840
3483823	24APA736A30	CAP**3621A**	58PH*090-16	36,200	29,600	12.9	16.5	1,085	955
3877997	24APA736A30	CAP**3621A**	58UVB080-20	35,800	29,000	12.5	16.5	1,010	810
3877998	24APA736A30	CAP**3621A**	58UVB100-20	36,000	29,000	12.8	16.5	1,040	830
3563753	24APA736A30	CAP**3621A**	58VLR105-12	36,000	29,400	12.5	16.0	1,065	880
3563755	24APA736A30	CAP**3621A**	58VLR120-20	36,400	30,000	12.5	16.5	1,170	1,005
3563752	24APA736A30	CAP**3621A**	58VMR105-12	35,600	29,000	12.5	16.5	975	800
3563754	24APA736A30	CAP**3621A**	58VMR120-20	36,400	29,800	12.5	16.0	1,155	1,000
4213201	24APA736A30	CAP**3621A**	OVLAAB048112	35,600	29,000	12.2	16.2	1,085	880
4213200	24APA736A30	CAP**3621A**	OVMAAB042112	35,400	28,600	12.2	16.2	1,035	825
3483819	24APA736A30	CAP**3621A**+TDR		35,400	28,600	11.8	14.5	1,050	840
3483822	24APA736A30	CAP**3621A**+UI	58CV(A,X)110-20	35,800	29,000	12.8	16.5	1,020	815
3483820	24APA736A30	CAP**3621A**+UI	58MV(B,C)080-20	35,800	29,000	12.5	16.5	1,010	810
3483821	24APA736A30	CAP**3621A**+UI	58MV(B,C)100-20	36,000	29,000	12.8	16.5	1,040	830
3483828	24APA736A30	CAP**4221A**	58PH*090-16	36,400	29,800	13.0	16.5	1,085	950
3877999	24APA736A30	CAP**4221A**	58UVB080-20	36,000	29,200	12.8	16.5	1,010	810
3878000	24APA736A30	CAP**4221A**	58UVB100-20	36,200	29,200	12.8	16.5	1,040	830
3563757	24APA736A30	CAP**4221A**	58VLR105-12	36,200	29,600	12.5	16.5	1,065	880
3563759	24APA736A30	CAP**4221A**	58VLR120-20	36,800	30,200	12.8	16.5	1,170	1,005
3563756	24APA736A30	CAP**4221A**	58VMR105-12	35,800	29,200	12.6	16.5	975	800
3563758	24APA736A30	CAP**4221A**	58VMR120-20	36,600	30,000	12.7	16.5	1,155	1,000
4213203	24APA736A30	CAP**4221A**	OVLAAB048112	35,800	29,200	12.2	16.2	1,085	880
4213202	24APA736A30	CAP**4221A**	OVMAAB042112	35,800	28,800	12.5	16.5	1,035	825
3483824	24APA736A30	CAP**4221A**+TDR		35,600	28,800	11.9	14.5	1,050	840
3483827	24APA736A30	CAP**4221A**+UI	58CV(A,X)110-20	36,200	29,200	12.9	16.5	1,020	815
3483825	24APA736A30	CAP**4221A**+UI	58MV(B,C)080-20	36,000	29,200	12.8	16.5	1,010	810
3483826	24APA736A30	CAP**4221A**+UI	58MV(B,C)100-20	36,200	29,200	12.8	16.5	1,040	830
3483833	24APA736A30	CAP**4224A**	58HVD100--20	36,600	29,800	12.8	16.5	1,140	900
3878001	24APA736A30	CAP**4224A**	58UVB120-20	36,200	29,200	13.0	16.5	1,010	810
4213204	24APA736A30	CAP**4224A**	OVLAAB048112	36,000	29,200	12.5	16.2	1,085	880
4213205	24APA736A30	CAP**4224A**	OVLAAB060154	36,600	29,800	12.7	16.7	1,250	1,020
3483829	24APA736A30	CAP**4224A**+TDR		35,600	28,800	11.9	14.5	1,050	840
3483831	24APA736A30	CAP**4224A**+UI	58CV(A,X)135-22	36,200	29,200	13.0	16.5	1,010	810
3483832	24APA736A30	CAP**4224A**+UI	58CV(A,X)155-22	36,200	29,200	13.2	17.0	1,015	810
3483830	24APA736A30	CAP**4224A**+UI	58MV(B,C)120-20	36,200	29,200	13.0	16.5	1,010	810
3483954	24APA736A30	CAP**4817A**	58ME(B,C)060-12	37,400	30,600	13.0	17.0	1,085	960
3483955	24APA736A30	CAP**4817A**	58ME(B,C)080-12	37,200	30,400	13.1	17.0	1,060	925
3483956	24APA736A30	CAP**4817A**	58ME(B,C)080-16	37,400	30,600	13.0	16.5	1,085	990
3878002	24APA736A30	CAP**4817A**	58UVB060-14	37,200	30,000	13.0	17.0	1,055	845
3563761	24APA736A30	CAP**4817A**	58VLR105-12	37,200	30,000	12.9	16.5	1,065	880
3563760	24APA736A30	CAP**4817A**	58VMR105-12	36,600	29,600	12.9	16.5	975	800
4213206	24APA736A30	CAP**4817A**	OVMAAB042112	36,600	29,400	12.7	16.7	1,035	825
3483834	24APA736A30	CAP**4817A**+TDR		36,600	29,400	12.1	15.0	1,050	840
4230277	24APA736A30	CAP**4817A**+UI	58CV(A,X)070-12	36,600	29,600	12.7	16.7	1,050	840
3483836	24APA736A30	CAP**4817A**+UI	58CV(A,X)090-16	37,000	29,800	13.1	17.0	1,005	805
3483835	24APA736A30	CAP**4817A**+UI	58MV(B,C)060-14	37,200	30,000	13.0	17.0	1,055	845
3878003	24APA736A30	CAP**4821A**	58UVB080-14	36,600	29,600	12.8	16.5	1,030	825
3878004	24APA736A30	CAP**4821A**	58UVB080-20	36,600	29,400	12.9	16.5	1,010	810

See notes on page 21

24APA7

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3878005	24APA736A30	CAP**4821A**	58UVB100-20	36,800	29,600	13.0	16.5	1,040	830
3563763	24APA736A30	CAP**4821A**	58VLR105-12	36,800	29,800	12.8	16.5	1,065	880
3563762	24APA736A30	CAP**4821A**	58VMR105-12	36,400	29,400	12.8	16.5	975	800
4213208	24APA736A30	CAP**4821A**	OVLAAB048112	36,400	29,600	12.5	16.5	1,085	880
4213207	24APA736A30	CAP**4821A**	OVMAAB042112	36,200	29,200	12.5	16.7	1,035	825
3483837	24APA736A30	CAP**4821A**+TDR		36,200	29,200	12.0	14.5	1,050	840
3483841	24APA736A30	CAP**4821A**+UI	58CV(A,X)110-20	36,800	29,600	13.0	16.5	1,020	815
3483838	24APA736A30	CAP**4821A**+UI	58MV(B,C)080-14	36,600	29,600	12.8	16.5	1,030	825
3483839	24APA736A30	CAP**4821A**+UI	58MV(B,C)080-20	36,600	29,400	12.9	16.5	1,010	810
3483840	24APA736A30	CAP**4821A**+UI	58MV(B,C)100-20	36,800	29,600	13.0	16.5	1,040	830
3563789	24APA736A30	CAP**4823A**	58HDV040-12	36,000	29,000	12.5	16.5	1,070	825
3563790	24APA736A30	CAP**4823A**	58HDV060-12	36,000	29,000	12.8	16.5	1,115	795
3563791	24APA736A30	CAP**4823A**	58HDV080-20	37,000	30,000	13.0	16.5	1,200	935
4213213	24APA736A30	CAP**4823A**	OVLAAB048112	36,400	29,600	12.5	16.5	1,085	880
3594967	24APA736A30	CAP**4823A**+TDR		36,200	29,200	12.0	14.5	1,050	840
3878006	24APA736A30	CAP**4824A**	58UVB120-20	36,800	29,600	13.1	17.0	1,010	810
4213209	24APA736A30	CAP**4824A**	OVLAAB048112	36,600	29,600	12.5	16.5	1,085	880
4213210	24APA736A30	CAP**4824A**	OVLAAB060154	37,400	30,200	12.7	17.0	1,250	1,020
3483842	24APA736A30	CAP**4824A**+TDR		36,200	29,200	12.0	14.5	1,050	840
3483844	24APA736A30	CAP**4824A**+UI	58CV(A,X)135-22	36,800	29,600	13.2	17.0	1,010	810
3483845	24APA736A30	CAP**4824A**+UI	58CV(A,X)155-22	36,800	29,600	13.3	17.0	1,015	810
3483843	24APA736A30	CAP**4824A**+UI	58MV(B,C)120-20	36,800	29,600	13.1	17.0	1,010	810
3594396	24APA736A30	CAP**6025A**	58HDV080-20	38,000	30,400	13.0	17.0	1,220	950
3594397	24APA736A30	CAP**6025A**	58HDV100-20	37,000	30,200	13.0	17.0	1,140	900
3483966	24APA736A30	CNPH*3617A**	58ME(B,C)060-12	35,800	29,600	12.6	16.0	1,055	935
3483967	24APA736A30	CNPH*3617A**	58ME(B,C)080-12	35,800	29,400	12.7	16.0	1,035	905
3483968	24APA736A30	CNPH*3617A**	58ME(B,C)080-16	35,800	29,600	12.6	16.0	1,055	965
3483880	24APA736A30	CNPH*3617A**	58PH*090-16	35,800	29,400	12.7	16.0	1,035	905
4213228	24APA736A30	CNPH*3617A**	OVLAAB048112	35,400	28,800	12.0	15.7	1,085	880
4213229	24APA736A30	CNPH*3617A**	OVLAAB060154	36,200	29,600	12.2	16.2	1,250	1,020
4213227	24APA736A30	CNPH*3617A**	OVMAAB042112	35,200	28,600	12.2	16.2	1,035	825
3483872	24APA736A30	CNPH*3617A**+TDR		35,400	28,600	11.8	14.5	1,050	840
4230281	24APA736A30	CNPH*3617A**+UI	58CV(A,X)070-12	35,400	28,600	12.2	16.2	1,050	840
3483878	24APA736A30	CNPH*3617A**+UI	58CV(A,X)090-16	35,600	28,800	12.7	16.5	1,005	805
3483879	24APA736A30	CNPH*3617A**+UI	58CV(A,X)155-22	35,800	29,000	12.8	16.5	1,015	810
3483873	24APA736A30	CNPH*3617A**+UI	58MV(B,C)060-14	35,800	29,000	12.5	16.0	1,055	845
3483874	24APA736A30	CNPH*3617A**+UI	58MV(B,C)080-14	35,600	29,000	12.4	16.0	1,030	825
3483875	24APA736A30	CNPH*3617A**+UI	58MV(B,C)080-20	35,600	28,800	12.5	16.0	1,010	810
3483876	24APA736A30	CNPH*3617A**+UI	58MV(B,C)100-20	35,800	29,000	12.6	16.0	1,040	830
3483877	24APA736A30	CNPH*3617A**+UI	58MV(B,C)120-20	35,800	29,000	12.7	16.5	1,010	810
3483969	24APA736A30	CNPH*4221A**	58ME(B,C)060-12	36,400	30,000	12.8	16.5	1,080	950
3483970	24APA736A30	CNPH*4221A**	58ME(B,C)080-12	36,400	29,800	12.8	16.5	1,055	920
3483971	24APA736A30	CNPH*4221A**	58ME(B,C)080-16	36,400	30,000	12.8	16.5	1,075	980
3483891	24APA736A30	CNPH*4221A**	58PH*090-16	36,400	29,800	12.9	16.5	1,055	925
4213231	24APA736A30	CNPH*4221A**	OVLAAB048112	35,800	29,200	12.2	16.2	1,085	880
4213232	24APA736A30	CNPH*4221A**	OVLAAB060154	36,800	29,800	12.5	16.5	1,250	1,020
4213230	24APA736A30	CNPH*4221A**	OVMAAB042112	35,800	29,000	12.2	16.2	1,035	825
3483883	24APA736A30	CNPH*4221A**+TDR		35,800	28,800	11.9	14.5	1,050	840
3483888	24APA736A30	CNPH*4221A**+UI	58CV(A,X)070-12	36,000	29,200	12.6	16.0	1,005	805
3483889	24APA736A30	CNPH*4221A**+UI	58CV(A,X)090-16	36,200	29,200	12.9	16.5	1,005	805
3483890	24APA736A30	CNPH*4221A**+UI	58CV(A,X)110-20	36,200	29,200	12.9	16.5	1,020	815
3483884	24APA736A30	CNPH*4221A**+UI	58MV(B,C)060-14	36,400	29,400	12.8	16.5	1,055	845
3483885	24APA736A30	CNPH*4221A**+UI	58MV(B,C)080-14	36,200	29,200	12.6	16.5	1,030	825
3483886	24APA736A30	CNPH*4221A**+UI	58MV(B,C)080-20	36,000	29,200	12.7	16.5	1,010	810
3483887	24APA736A30	CNPH*4221A**+UI	58MV(B,C)100-20	36,200	29,200	12.8	16.0	1,040	830
4213234	24APA736A30	CNPH*4321A**	OVLAAB048112	37,000	30,000	12.7	16.7	1,085	880
4213235	24APA736A30	CNPH*4321A**	OVLAAB060154	38,000	30,800	13.0	17.2	1,250	1,020
4213233	24APA736A30	CNPH*4321A**	OVMAAB042112	36,800	29,600	12.7	17.0	1,035	825
4230282	24APA736A30	CNPH*4321A**+UI	58CV(A,X)070-12	37,000	29,800	13.0	17.0	1,050	840
3483972	24APA736A30	CNPH*4821A**	58ME(B,C)060-12	37,200	30,600	13.1	17.0	1,115	985
3483973	24APA736A30	CNPH*4821A**	58ME(B,C)080-12	37,200	30,400	13.1	17.0	1,085	945
3483974	24APA736A30	CNPH*4821A**	58ME(B,C)080-16	37,200	30,600	13.1	16.5	1,110	1,010
4213237	24APA736A30	CNPH*4821A**	OVLAAB048112	36,600	29,600	12.5	16.5	1,085	880
4213238	24APA736A30	CNPH*4821A**	OVLAAB060154	37,400	30,400	12.7	17.0	1,250	1,020
4213236	24APA736A30	CNPH*4821A**	OVMAAB042112	36,400	29,400	12.7	16.7	1,035	825
3483893	24APA736A30	CNPH*4821A**+TDR		36,400	29,200	12.1	14.5	1,050	840
4230283	24APA736A30	CNPH*4821A**+UI	58CV(A,X)070-12	36,400	29,400	12.7	16.7	1,050	840
3483898	24APA736A30	CNPH*4821A**+UI	58CV(A,X)090-16	36,800	29,600	13.1	17.0	1,005	805
3483899	24APA736A30	CNPH*4821A**+UI	58CV(A,X)110-20	36,800	29,600	13.1	17.0	1,020	815
3483900	24APA736A30	CNPH*4821A**+UI	58CV(A,X)135-22	36,800	29,600	13.2	17.0	1,010	810
3483901	24APA736A30	CNPH*4821A**+UI	58CV(A,X)155-22	37,000	29,800	13.4	17.0	1,015	810

See notes on page 21

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3483894	24APA736A30	CNPH*4821A**+UI	58MV(B,C)080-14	36,800	29,800	12.9	16.5	1,030	825
3483895	24APA736A30	CNPH*4821A**+UI	58MV(B,C)080-20	36,800	29,600	13.0	16.5	1,010	810
3483896	24APA736A30	CNPH*4821A**+UI	58MV(B,C)100-20	36,800	29,800	13.0	16.5	1,040	830
3483897	24APA736A30	CNPH*4821A**+UI	58MV(B,C)120-20	36,800	29,600	13.2	17.0	1,010	810
3483957	24APA736A30	CNPV*3617A**	58ME(B,C)060-12	35,800	29,600	12.6	16.0	1,055	935
3483958	24APA736A30	CNPV*3617A**	58ME(B,C)080-12	35,800	29,400	12.7	16.0	1,035	905
3483959	24APA736A30	CNPV*3617A**	58ME(B,C)080-16	35,800	29,600	12.6	16.0	1,055	965
3878007	24APA736A30	CNPV*3617A**	58UVB060-14	35,800	29,000	12.5	16.0	1,055	845
3563765	24APA736A30	CNPV*3617A**	58VLR105-12	35,800	29,200	12.4	16.0	1,065	880
3563764	24APA736A30	CNPV*3617A**	58VMR105-12	35,400	28,800	12.4	16.0	975	800
4213214	24APA736A30	CNPV*3617A**	OVMAAB042112	35,200	28,600	12.2	16.2	1,035	825
3483846	24APA736A30	CNPV*3617A**+TDR		35,400	28,600	11.8	14.5	1,050	840
4230278	24APA736A30	CNPV*3617A**+UI	58CV(A,X)070-12	35,400	28,600	12.2	16.2	1,050	840
3483848	24APA736A30	CNPV*3617A**+UI	58CV(A,X)090-16	35,600	28,800	12.7	16.5	1,005	805
3483847	24APA736A30	CNPV*3617A**+UI	58MV(B,C)060-14	35,800	29,000	12.5	16.0	1,055	845
3483854	24APA736A30	CNPV*3621A**	58PH*090-16	36,000	29,400	12.8	16.0	1,045	910
3878008	24APA736A30	CNPV*3621A**	58UVB080-14	35,600	29,000	12.4	16.0	1,030	825
3878009	24APA736A30	CNPV*3621A**	58UVB080-20	35,600	28,800	12.5	16.0	1,010	810
3878010	24APA736A30	CNPV*3621A**	58UVB100-20	35,800	29,000	12.6	16.0	1,040	830
3563767	24APA736A30	CNPV*3621A**	58VLR105-12	35,800	29,200	12.4	16.0	1,065	880
3563766	24APA736A30	CNPV*3621A**	58VMR105-12	35,400	28,800	12.5	16.0	975	800
4213216	24APA736A30	CNPV*3621A**	OVLAAB048112	35,400	28,800	12.0	15.7	1,085	880
4213215	24APA736A30	CNPV*3621A**	OVMAAB042112	35,400	28,600	12.2	16.2	1,035	825
3483849	24APA736A30	CNPV*3621A**+TDR		35,400	28,600	11.8	14.5	1,050	840
3483853	24APA736A30	CNPV*3621A**+UI	58CV(A,X)110-20	35,800	29,000	12.7	16.5	1,020	815
3483850	24APA736A30	CNPV*3621A**+UI	58MV(B,C)080-14	35,600	29,000	12.4	16.0	1,030	825
3483851	24APA736A30	CNPV*3621A**+UI	58MV(B,C)080-20	35,600	28,800	12.5	16.0	1,010	810
3483852	24APA736A30	CNPV*3621A**+UI	58MV(B,C)100-20	35,800	29,000	12.6	16.0	1,040	830
3483960	24APA736A30	CNPV*3717A**	58ME(B,C)060-12	37,600	30,800	13.1	17.0	1,090	965
3483961	24APA736A30	CNPV*3717A**	58ME(B,C)080-12	37,400	30,600	13.2	17.0	1,060	930
3483962	24APA736A30	CNPV*3717A**	58ME(B,C)080-16	37,600	30,800	13.1	17.0	1,085	990
3878039	24APA736A30	CNPV*3717A**	58UVB060-14	37,400	30,200	13.1	17.0	1,055	845
3563769	24APA736A30	CNPV*3717A**	58VLR105-12	37,400	30,400	13.0	16.5	1,065	880
3563768	24APA736A30	CNPV*3717A**	58VMR105-12	36,800	29,800	13.0	16.5	975	800
4213217	24APA736A30	CNPV*3717A**	OVMAAB042112	36,800	29,600	12.7	16.7	1,035	825
3483855	24APA736A30	CNPV*3717A**+TDR		36,800	29,600	12.0	15.0	1,050	840
4230279	24APA736A30	CNPV*3717A**+UI	58CV(A,X)070-12	37,000	29,800	13.0	16.7	1,050	840
3484275	24APA736A30	CNPV*3717A**+UI	58CV(A,X)090-16	37,200	30,000	13.2	17.0	1,005	805
3484274	24APA736A30	CNPV*3717A**+UI	58MV(B,C)060-14	37,400	30,200	13.1	17.0	1,055	845
3483963	24APA736A30	CNPV*4217A**	58ME(B,C)060-12	36,800	30,200	12.9	16.5	1,075	950
3483964	24APA736A30	CNPV*4217A**	58ME(B,C)080-12	36,600	30,000	12.9	16.5	1,050	920
3483965	24APA736A30	CNPV*4217A**	58ME(B,C)080-16	36,800	30,200	12.9	16.5	1,075	980
3878011	24APA736A30	CNPV*4217A**	58UVB060-14	36,600	29,600	12.8	16.0	1,055	845
3563771	24APA736A30	CNPV*4217A**	58VLR105-12	36,600	29,800	12.5	16.5	1,065	880
3563770	24APA736A30	CNPV*4217A**	58VMR105-12	36,200	29,400	12.7	16.5	975	800
4213218	24APA736A30	CNPV*4217A**	OVMAAB042112	36,000	29,200	12.5	16.5	1,035	825
3483856	24APA736A30	CNPV*4217A**+TDR		36,000	29,000	12.0	14.5	1,050	840
4230280	24APA736A30	CNPV*4217A**+UI	58CV(A,X)070-12	36,200	29,200	12.5	16.5	1,050	840
3483858	24APA736A30	CNPV*4217A**+UI	58CV(A,X)090-16	36,400	29,400	12.9	16.5	1,005	805
3483857	24APA736A30	CNPV*4217A**+UI	58MV(B,C)060-14	36,600	29,600	12.8	16.0	1,055	845
3680497	24APA736A30	CNPV*4221A**	58CV(A,X)090-16	36,000	29,000	12.8	16.5	1,005	835
3878012	24APA736A30	CNPV*4221A**	58UVB080-14	36,200	29,400	12.6	16.0	1,030	840
3878013	24APA736A30	CNPV*4221A**	58UVB080-20	36,000	29,200	12.7	16.5	1,010	825
3878014	24APA736A30	CNPV*4221A**	58UVB100-20	36,200	29,200	12.8	16.5	1,040	810
3563775	24APA736A30	CNPV*4221A**	58VLR105-12	36,200	29,600	12.6	16.0	1,065	880
3563777	24APA736A30	CNPV*4221A**	58VLR120-20	36,800	30,200	12.7	16.5	1,170	1,005
3563774	24APA736A30	CNPV*4221A**	58VMR105-12	35,800	29,200	12.6	16.5	975	800
3563776	24APA736A30	CNPV*4221A**	58VMR120-20	36,600	30,000	12.5	16.0	1,155	1,000
4213220	24APA736A30	CNPV*4221A**	OVLAAB048112	35,800	29,200	12.2	16.2	1,085	880
4213219	24APA736A30	CNPV*4221A**	OVMAAB042112	35,800	29,000	12.2	16.2	1,035	825
3483859	24APA736A30	CNPV*4221A**+TDR		35,800	28,800	11.9	14.5	1,050	840
3747877	24APA736A30	CNPV*4221A**+UI	58CV(A,X)090-16	36,000	29,000	12.8	16.5	1,005	835
3483860	24APA736A30	CNPV*4221A**+UI	58MV(B,C)080-14	36,200	29,400	12.6	16.0	1,030	840
3483861	24APA736A30	CNPV*4221A**+UI	58MV(B,C)080-20	36,000	29,200	12.7	16.5	1,010	825
3483862	24APA736A30	CNPV*4221A**+UI	58MV(B,C)100-20	36,200	29,200	12.8	16.5	1,040	810
4213221	24APA736A30	CNPV*4324A**	OVLAAB048112	37,200	30,000	12.7	16.7	1,085	880
4213222	24APA736A30	CNPV*4324A**	OVLAAB060154	38,000	30,800	13.0	17.2	1,250	1,020
3483978	24APA736A30	CNPV*4821A**	58ME(B,C)060-12	37,200	29,800	13.1	17.0	1,115	835
3483975	24APA736A30	CNPV*4821A**	58ME(B,C)080-16	37,000	30,600	13.0	16.5	1,090	995
3878018	24APA736A30	CNPV*4821A**	58UVB080-14	36,800	29,600	12.9	16.5	1,030	820
3878015	24APA736A30	CNPV*4821A**	58UVB080-20	36,800	29,600	13.0	16.5	1,010	810

See notes on page 21

24APA7

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3878016	24APA736A30	CNPV*4821A**	58UVB100–20	36,800	29,800	13.0	16.5	1,040	830
3563783	24APA736A30	CNPV*4821A**	58VLR105–12	37,000	30,000	12.9	16.5	1,065	880
3563785	24APA736A30	CNPV*4821A**	58VLR120–20	37,600	30,600	13.0	16.5	1,170	1,005
3563782	24APA736A30	CNPV*4821A**	58VMR105–12	36,400	29,600	12.9	16.5	975	800
3563784	24APA736A30	CNPV*4821A**	58VMR120–20	37,400	30,600	13.0	16.5	1,155	1,000
4213224	24APA736A30	CNPV*4821A**	OVLAAB048112	36,600	29,600	12.5	16.5	1,085	880
4213223	24APA736A30	CNPV*4821A**	OVMAAB042112	36,400	29,400	12.7	16.7	1,035	825
3483864	24APA736A30	CNPV*4821A**+TDR		36,400	29,200	12.1	14.5	1,050	840
3483977	24APA736A30	CNPV*4821A**+UI	58CV(A,X)090–16	36,800	29,800	13.1	17.0	1,005	835
3483867	24APA736A30	CNPV*4821A**+UI	58CV(A,X)110–20	36,800	29,600	13.1	17.0	1,020	815
3483976	24APA736A30	CNPV*4821A**+UI	58MV(B,C)080–14	36,800	29,600	12.9	16.5	1,030	820
3483865	24APA736A30	CNPV*4821A**+UI	58MV(B,C)080–20	36,800	29,600	13.0	16.5	1,010	810
3483866	24APA736A30	CNPV*4821A**+UI	58MV(B,C)100–20	36,800	29,800	13.0	16.5	1,040	830
3878019	24APA736A30	CNPV*4824A**	58UVB080–14	36,800	29,600	12.9	16.5	1,030	820
3878020	24APA736A30	CNPV*4824A**	58UVB080–20	36,600	29,800	13.0	16.5	1,010	840
3878021	24APA736A30	CNPV*4824A**	58UVB100–20	36,800	29,600	13.1	16.5	1,040	800
3878017	24APA736A30	CNPV*4824A**	58UVB120–20	36,800	29,600	13.1	17.0	1,010	810
4213225	24APA736A30	CNPV*4824A**	OVLAAB048112	36,600	29,600	12.5	16.5	1,085	880
4213226	24APA736A30	CNPV*4824A**	OVLAAB060154	37,400	30,400	12.7	17.0	1,250	1,020
3483868	24APA736A30	CNPV*4824A**+TDR		36,400	29,200	12.1	14.5	1,050	840
3483870	24APA736A30	CNPV*4824A**+UI	58CV(A,X)135–22	36,800	29,600	13.2	17.0	1,010	810
3483871	24APA736A30	CNPV*4824A**+UI	58CV(A,X)155–22	37,000	29,800	13.4	17.0	1,015	810
3483979	24APA736A30	CNPV*4824A**+UI	58MV(B,C)080–14	36,800	29,600	12.9	16.5	1,030	820
3483980	24APA736A30	CNPV*4824A**+UI	58MV(B,C)080–20	36,600	29,800	13.0	16.5	1,010	840
3483981	24APA736A30	CNPV*4824A**+UI	58MV(B,C)100–20	36,800	29,600	13.1	16.5	1,040	800
3483869	24APA736A30	CNPV*4824A**+UI	58MV(B,C)120–20	36,800	29,600	13.1	17.0	1,010	810
3483920	24APA736A30	CSPH*3612A**	58HDV060–12	36,800	29,200	12.5	16.0	1,100	775
3483917	24APA736A30	CSPH*3612A**	58ME(B,C)060–12	37,000	29,600	13.0	17.0	1,080	805
3483918	24APA736A30	CSPH*3612A**	58ME(B,C)080–12	36,800	30,200	13.0	16.5	1,055	920
3483919	24APA736A30	CSPH*3612A**	58ME(B,C)080–16	37,000	30,400	12.9	16.5	1,080	980
3483916	24APA736A30	CSPH*3612A**	58PH*090–16	37,000	30,200	13.1	16.5	1,060	925
4213240	24APA736A30	CSPH*3612A**	OVLAAB048112	36,400	29,600	12.5	16.2	1,085	880
4213241	24APA736A30	CSPH*3612A**	OVLAAB060154	37,200	30,200	12.7	16.7	1,250	1,020
4213239	24APA736A30	CSPH*3612A**	OVMAAB042112	36,200	29,200	12.5	16.5	1,035	825
3483907	24APA736A30	CSPH*3612A**+TDR		36,200	29,200	12.1	14.5	1,050	840
3483911	24APA736A30	CSPH*3612A**+UI	58CV(A,X)070–12	36,400	29,400	12.8	16.5	1,005	805
3483912	24APA736A30	CSPH*3612A**+UI	58CV(A,X)090–16	36,600	29,600	13.0	16.5	1,005	805
3483913	24APA736A30	CSPH*3612A**+UI	58CV(A,X)110–20	36,600	29,600	13.0	16.5	1,020	815
3483914	24APA736A30	CSPH*3612A**+UI	58CV(A,X)135–22	36,600	29,600	13.1	17.0	1,010	810
3483915	24APA736A30	CSPH*3612A**+UI	58CV(A,X)155–22	36,800	29,600	13.2	17.0	1,015	810
3483908	24APA736A30	CSPH*3612A**+UI	58MV(B,C)080–20	36,600	29,600	12.9	16.5	1,010	810
3483909	24APA736A30	CSPH*3612A**+UI	58MV(B,C)100–20	36,800	29,600	12.9	16.5	1,040	830
3483910	24APA736A30	CSPH*3612A**+UI	58MV(B,C)120–20	36,600	29,600	13.0	16.5	1,010	810
3483935	24APA736A30	CSPH*4212A**	58HDV060–12	37,000	29,400	12.5	16.5	1,110	785
3483932	24APA736A30	CSPH*4212A**	58ME(B,C)060–12	37,200	29,800	13.1	17.0	1,095	815
3483933	24APA736A30	CSPH*4212A**	58ME(B,C)080–12	37,200	29,600	13.1	17.0	1,065	780
3483934	24APA736A30	CSPH*4212A**	58ME(B,C)080–16	37,200	30,600	13.0	16.5	1,090	990
3483931	24APA736A30	CSPH*4212A**	58PH*090–16	37,200	30,400	13.2	16.5	1,070	935
4213243	24APA736A30	CSPH*4212A**	OVLAAB048112	36,600	29,600	12.5	16.5	1,085	880
4213244	24APA736A30	CSPH*4212A**	OVLAAB060154	37,600	30,400	12.7	16.7	1,250	1,020
4213242	24APA736A30	CSPH*4212A**	OVMAAB042112	36,400	29,400	12.7	16.7	1,035	825
3483921	24APA736A30	CSPH*4212A**+TDR		36,400	29,400	12.1	15.0	1,050	840
3483926	24APA736A30	CSPH*4212A**+UI	58CV(A,X)070–12	36,800	29,600	12.9	16.5	1,005	805
3483927	24APA736A30	CSPH*4212A**+UI	58CV(A,X)090–16	36,800	29,600	13.1	17.0	1,005	805
3483928	24APA736A30	CSPH*4212A**+UI	58CV(A,X)110–20	37,000	29,800	13.1	17.0	1,020	815
3483929	24APA736A30	CSPH*4212A**+UI	58CV(A,X)135–22	36,800	29,800	13.2	17.0	1,010	810
3483930	24APA736A30	CSPH*4212A**+UI	58CV(A,X)155–22	37,000	29,800	13.3	17.0	1,015	810
3483922	24APA736A30	CSPH*4212A**+UI	58MV(B,C)080–14	36,800	29,800	12.9	16.5	1,030	825
3483923	24APA736A30	CSPH*4212A**+UI	58MV(B,C)080–20	36,800	29,600	13.0	16.5	1,010	810
3483924	24APA736A30	CSPH*4212A**+UI	58MV(B,C)100–20	37,000	29,800	13.0	16.5	1,040	830
3483925	24APA736A30	CSPH*4212A**+UI	58MV(B,C)120–20	36,800	29,800	13.1	17.0	1,010	810
3483950	24APA736A30	CSPH*4812A**	58HDV060–12	37,200	29,600	12.6	16.5	1,110	790
3483947	24APA736A30	CSPH*4812A**	58ME(B,C)060–12	37,400	30,000	13.1	17.0	1,095	820
3483948	24APA736A30	CSPH*4812A**	58ME(B,C)080–12	37,400	30,600	13.1	17.0	1,065	930
3483949	24APA736A30	CSPH*4812A**	58ME(B,C)080–16	37,400	30,800	13.1	16.5	1,090	990
3483946	24APA736A30	CSPH*4812A**	58PH*090–16	37,400	30,600	13.2	16.5	1,070	940
4213246	24APA736A30	CSPH*4812A**	OVLAAB048112	36,800	29,800	12.5	16.5	1,085	880
4213247	24APA736A30	CSPH*4812A**	OVLAAB060154	37,600	30,600	12.7	17.0	1,250	1,020
4213245	24APA736A30	CSPH*4812A**	OVMAAB042112	36,600	29,600	12.7	16.7	1,035	825
3483936	24APA736A30	CSPH*4812A**+TDR		36,600	29,400	12.2	15.0	1,050	840
3483941	24APA736A30	CSPH*4812A**+UI	58CV(A,X)070–12	36,800	29,800	12.9	16.5	1,005	805

See notes on page 21

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3483942	24APA736A30	CSPH*4812A**+UI	58CV(A,X)090-16	37,000	29,800	13.1	17.0	1,005	805
3483943	24APA736A30	CSPH*4812A**+UI	58CV(A,X)110-20	37,000	29,800	13.1	17.0	1,020	815
3483944	24APA736A30	CSPH*4812A**+UI	58CV(A,X)135-22	37,000	29,800	13.2	17.0	1,010	810
3483945	24APA736A30	CSPH*4812A**+UI	58CV(A,X)155-22	37,200	30,200	13.3	17.0	1,015	810
3483937	24APA736A30	CSPH*4812A**+UI	58MV(B,C)080-14	37,000	29,800	12.9	16.5	1,030	825
3483938	24APA736A30	CSPH*4812A**+UI	58MV(B,C)080-20	37,000	29,800	13.0	16.5	1,010	810
3483939	24APA736A30	CSPH*4812A**+UI	58MV(B,C)100-20	37,200	30,000	13.1	16.5	1,040	830
3483940	24APA736A30	CSPH*4812A**+UI	58MV(B,C)120-20	37,000	29,800	13.2	17.0	1,010	810
3483982	24APA736A30	FE4AN(B,F)003+UI		36,400	29,400	13.0	17.0	1,100	875
3483983	24APA736A30	FE4AN(B,F)005+UI		37,800	30,200	13.5	17.5	1,100	875
3483984	24APA736A30	FE4ANB006+UI		38,500	30,800	13.8	17.5	1,200	925
3850575	24APA736A30	FE4ANF002+UI		36,400	29,600	12.3	16.0	1,200	925
3483985	24APA736A30	FE5ANB004+UI		38,500	31,000	13.7	18.0	1,200	925
3483904	24APA736A30	FV4CN(B,F)003		36,200	29,200	13.0	17.0	1,050	840
3483905	24APA736A30	FV4CN(B,F)005		37,600	30,000	13.5	17.5	1,050	840
3483906	24APA736A30	FV4CNB006		38,000	30,200	13.7	17.5	1,050	840
3584911	24APA736A30	FV4CNF002		35,800	29,200	12.6	16.0	1,050	840
3638145	24APA748A**31	†CNPH*6124A**+UI	58MV(B,C)100-20	50,000	41,000	13.2	16.5	1,395	1,115
3638020	24APA748A**31	CAP**4817A**+TDR		47,500	39,000	12.0	14.5	1,400	1,120
3638039	24APA748A**31	CAP**4817A**+UI	58CV(A,X)090-16	47,500	39,000	12.5	16.0	1,345	1,075
3638117	24APA748A**31	CAP**4821A**	58ME(B,C)080-16	47,500	39,000	12.3	16.0	1,430	1,105
3638118	24APA748A**31	CAP**4821A**	58ME(B,C)100-20	47,500	39,000	12.6	16.0	1,385	1,050
3638042	24APA748A**31	CAP**4821A**	58PH*110-20	47,500	39,000	12.7	16.0	1,350	1,110
3877980	24APA748A**31	CAP**4821A**	58UVB080-20	47,000	38,500	12.3	15.5	1,310	1,050
3877981	24APA748A**31	CAP**4821A**	58UVB100-20	47,000	39,000	12.2	15.5	1,395	1,115
3638155	24APA748A**31	CAP**4821A**	58VLR120-20	47,000	39,000	12.2	15.5	1,350	1,170
3638154	24APA748A**31	CAP**4821A**	58VMR120-20	47,000	39,000	12.1	15.5	1,355	1,155
4213273	24APA748A**31	CAP**4821A**	OVLAAB048112	47,500	39,500	12.2	15.7	1,450	1,170
3638021	24APA748A**31	CAP**4821A**+TDR		48,000	38,500	12.0	14.5	1,600	1,120
3638040	24APA748A**31	CAP**4821A**+UI	58MV(B,C)080-20	47,000	38,500	12.3	15.5	1,310	1,050
3638041	24APA748A**31	CAP**4821A**+UI	58MV(B,C)100-20	47,000	39,000	12.2	15.5	1,395	1,115
3638171	24APA748A**31	CAP**4823A**	58HDV080--20	46,000	39,000	11.8	15.0	1,470	1,160
4213253	24APA748A**31	CAP**4823A**	OVLAAB048112	47,500	39,500	12.2	15.7	1,450	1,170
3638030	24APA748A**31	CAP**4823A**+TDR		46,000	38,000	11.8	14.5	1,400	1,120
3638119	24APA748A**31	CAP**4824A**	58ME(B,C)100-20	47,500	39,000	12.7	16.0	1,410	1,065
3638120	24APA748A**31	CAP**4824A**	58ME(B,C)120-20	48,000	40,000	12.8	16.0	1,425	1,260
3638046	24APA748A**31	CAP**4824A**	58PH*090-16	47,500	39,000	12.5	16.0	1,415	1,100
3638047	24APA748A**31	CAP**4824A**	58PH*110-20	47,500	39,500	12.8	16.0	1,375	1,130
3877982	24APA748A**31	CAP**4824A**	58UVB120-20	47,500	39,000	12.5	16.0	1,360	1,090
3638157	24APA748A**31	CAP**4824A**	58VLR120-20	47,000	39,000	12.2	15.5	1,350	1,170
3638156	24APA748A**31	CAP**4824A**	58VMR120-20	47,000	39,000	12.2	15.5	1,355	1,155
4213248	24APA748A**31	CAP**4824A**	OVLAAB048112	48,000	39,500	12.2	15.7	1,450	1,170
4213249	24APA748A**31	CAP**4824A**	OVLAAB060154	48,500	40,000	13.0	16.7	1,445	1,170
3638022	24APA748A**31	CAP**4824A**+TDR		47,000	38,500	12.0	14.5	1,400	1,120
3638044	24APA748A**31	CAP**4824A**+UI	58CV(A,X)110-20	47,500	39,000	12.6	16.0	1,355	1,085
3638045	24APA748A**31	CAP**4824A**+UI	58CV(A,X)135-22	47,500	39,000	12.8	16.0	1,355	1,085
3638043	24APA748A**31	CAP**4824A**+UI	58MV(B,C)120-20	47,500	39,000	12.5	16.0	1,360	1,090
3638051	24APA748A**31	CAP**6021A**	58PH*090-16	48,500	39,500	12.8	16.0	1,410	1,100
3638052	24APA748A**31	CAP**6021A**	58PH*110-20	48,500	39,500	13.0	16.5	1,370	1,125
3877983	24APA748A**31	CAP**6021A**	58UVB080-20	48,000	39,000	12.6	16.0	1,310	1,050
3877984	24APA748A**31	CAP**6021A**	58UVB100-20	48,500	39,500	12.5	16.0	1,395	1,115
3638159	24APA748A**31	CAP**6021A**	58VLR120-20	47,000	39,000	12.7	15.5	1,350	1,170
3638158	24APA748A**31	CAP**6021A**	58VMR120-20	48,000	39,000	12.4	15.5	1,355	1,155
4213250	24APA748A**31	CAP**6021A**	OVLAAB048112	49,000	40,000	12.5	16.0	1,450	1,170
3638023	24APA748A**31	CAP**6021A**+TDR		48,000	39,000	12.3	14.5	1,400	1,120
3638050	24APA748A**31	CAP**6021A**+UI	58CV(A,X)110-20	48,500	39,500	12.8	16.0	1,355	1,085
3638048	24APA748A**31	CAP**6021A**+UI	58MV(B,C)080-20	48,000	39,000	12.6	16.0	1,310	1,050
3638049	24APA748A**31	CAP**6021A**+UI	58MV(B,C)100-20	48,500	39,500	12.5	16.0	1,395	1,115
3638121	24APA748A**31	CAP**6024A**	58ME(B,C)100-20	48,500	39,500	12.9	16.5	1,410	1,070
3638122	24APA748A**31	CAP**6024A**	58ME(B,C)120-20	49,000	40,500	13.0	16.5	1,425	1,260
3638057	24APA748A**31	CAP**6024A**	58PH*110-20	48,500	40,000	13.1	16.5	1,380	1,130
3638058	24APA748A**31	CAP**6024A**	58PH*135-20	48,500	40,000	12.9	16.0	1,400	1,235
3877985	24APA748A**31	CAP**6024A**	58UVB120-20	48,500	39,500	12.8	16.0	1,360	1,090
4213251	24APA748A**31	CAP**6024A**	OVLAAB048112	49,000	40,000	12.5	16.0	1,450	1,170
4213252	24APA748A**31	CAP**6024A**	OVLAAB060154	49,500	40,500	13.2	16.7	1,445	1,170
3638054	24APA748A**31	CAP**6024A**+UI	58CV(A,X)110-20	48,500	39,500	12.8	16.0	1,355	1,085
3638055	24APA748A**31	CAP**6024A**+UI	58CV(A,X)135-22	48,500	39,500	13.0	16.5	1,355	1,085
3638056	24APA748A**31	CAP**6024A**+UI	58CV(A,X)155-22	48,500	39,500	13.1	16.5	1,365	1,090
3638053	24APA748A**31	CAP**6024A**+UI	58MV(B,C)120-20	48,500	39,500	12.8	16.0	1,360	1,090
3638170	24APA748A**31	CAP**6025A**	58HDV080--20	47,500	40,000	12.2	16.0	1,495	1,185

See notes on page 21

24APA7

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3638172	24APA748A**31	CAP**6025A**	58HDV100--20	47,000	39,000	12.2	15.5	1,430	1,120
4213254	24APA748A**31	CAP**6025A**	OVLAAB048112	49,000	40,000	12.5	16.0	1,450	1,170
4213255	24APA748A**31	CAP**6025A**	OVLAAB060154	49,500	40,500	13.2	16.7	1,445	1,170
3638031	24APA748A**31	CAP**6025A** + TDR		47,000	38,000	12.0	14.5	1,400	1,120
3638092	24APA748A**31	CNPH*4821A**	58HDV080--20	48,000	39,500	12.3	16.0	1,495	1,185
3638093	24APA748A**31	CNPH*4821A**	58HDV100--20	47,500	39,500	12.4	16.0	1,430	1,125
3638130	24APA748A**31	CNPH*4821A**	58ME(B,C)080-16	47,500	38,500	12.4	16.0	1,450	1,020
3638131	24APA748A**31	CNPH*4821A**	58ME(B,C)100-20	47,500	39,000	12.7	16.5	1,410	1,070
3638132	24APA748A**31	CNPH*4821A**	58ME(B,C)120-20	48,000	40,000	12.8	16.0	1,425	1,260
3638090	24APA748A**31	CNPH*4821A**	58PH*090-16	47,500	39,500	12.6	16.0	1,420	1,105
3638091	24APA748A**31	CNPH*4821A**	58PH*110-20	48,000	39,500	12.8	16.0	1,380	1,130
4213263	24APA748A**31	CNPH*4821A**	OVLAAB048112	48,000	40,000	12.2	15.7	1,450	1,170
4213264	24APA748A**31	CNPH*4821A**	OVLAAB060154	48,500	40,000	13.0	16.7	1,445	1,170
3638028	24APA748A**31	CNPH*4821A** + TDR		47,000	38,500	12.1	14.5	1,400	1,120
4000159	24APA748A**31	CNPH*4821A** + UI	58CV(A,X)090-16	47,500	39,500	13.0	16.0	1,400	1,120
3638089	24APA748A**31	CNPH*4821A** + UI	58CV(A,X)110-20	47,500	39,000	12.6	16.0	1,355	1,085
3638087	24APA748A**31	CNPH*4821A** + UI	58MV(B,C)080-20	47,000	39,000	12.4	16.0	1,310	1,050
3638088	24APA748A**31	CNPH*4821A** + UI	58MV(B,C)100-20	47,500	39,000	12.3	15.5	1,395	1,115
3638035	24APA748A**31	CNPH*6024A**	58HDV100--20	48,500	40,000	12.6	16.0	1,440	1,135
3638133	24APA748A**31	CNPH*6024A**	58ME(B,C)080-16	48,500	39,500	12.6	16.0	1,455	1,130
3638134	24APA748A**31	CNPH*6024A**	58ME(B,C)100-20	48,500	39,500	12.9	16.5	1,425	1,085
3638135	24APA748A**31	CNPH*6024A**	58ME(B,C)120-20	49,000	40,500	13.0	16.5	1,440	1,275
3638033	24APA748A**31	CNPH*6024A**	58PH*110-20	48,500	40,000	13.1	16.5	1,395	1,145
3638034	24APA748A**31	CNPH*6024A**	58PH*135-20	48,500	40,500	12.9	16.0	1,420	1,255
4213265	24APA748A**31	CNPH*6024A**	OVLAAB048112	49,000	40,000	12.5	16.2	1,450	1,170
4213266	24APA748A**31	CNPH*6024A**	OVLAAB060154	49,500	40,500	13.2	17.0	1,445	1,170
3638029	24APA748A**31	CNPH*6024A** + TDR		48,000	39,000	12.2	14.5	1,400	1,120
3638095	24APA748A**31	CNPH*6024A** + UI	58CV(A,X)135-22	48,500	39,500	13.0	16.5	1,355	1,085
3638096	24APA748A**31	CNPH*6024A** + UI	58CV(A,X)155-22	48,500	39,500	13.2	16.5	1,365	1,090
3638115	24APA748A**31	CNPH*6024A** + UI	58MV(B,C)080-20	48,000	39,000	12.7	16.0	1,310	1,050
3638116	24APA748A**31	CNPH*6024A** + UI	58MV(B,C)100-20	48,500	39,500	12.6	16.0	1,395	1,115
3638094	24APA748A**31	CNPH*6024A** + UI	58MV(B,C)120-20	48,000	39,500	12.8	16.5	1,360	1,090
3638038	24APA748A**31	CNPH*6124A**	58HDV100--20	50,500	41,500	13.3	17.0	1,420	1,115
3638136	24APA748A**31	CNPH*6124A**	58ME(B,C)080-16	50,500	40,500	13.2	17.0	1,445	1,010
3638137	24APA748A**31	CNPH*6124A**	58ME(B,C)100-20	50,500	41,000	13.6	17.5	1,400	1,060
3638138	24APA748A**31	CNPH*6124A**	58ME(B,C)120-20	50,500	42,000	13.7	17.0	1,420	1,250
3638111	24APA748A**31	CNPH*6124A**	58PH*090-16	50,500	41,000	13.4	17.0	1,410	1,095
3638036	24APA748A**31	CNPH*6124A**	58PH*110-20	50,500	41,500	13.7	17.5	1,370	1,120
3638037	24APA748A**31	CNPH*6124A**	58PH*135-20	50,500	42,000	13.5	17.0	1,390	1,220
4213267	24APA748A**31	CNPH*6124A**	OVLAAB048112	49,000	40,500	12.5	16.0	1,450	1,170
4213268	24APA748A**31	CNPH*6124A**	OVLAAB060154	49,500	40,500	13.2	17.0	1,445	1,170
3638152	24APA748A**31	CNPH*6124A** + UI	58CV(A,X)110-20	50,000	41,000	13.5	17.0	1,355	1,085
3638153	24APA748A**31	CNPH*6124A** + UI	58CV(A,X)135-22	50,500	41,000	13.6	17.0	1,355	1,085
3638151	24APA748A**31	CNPH*6124A** + UI	58MV(B,C)120-20	50,000	41,000	13.4	17.0	1,360	1,090
3638123	24APA748A**31	CNPV*4821A**	58ME(B,C)080-16	47,500	39,500	12.4	16.0	1,450	1,120
3638124	24APA748A**31	CNPV*4821A**	58ME(B,C)100-20	48,000	39,000	12.7	16.5	1,410	1,070
3638062	24APA748A**31	CNPV*4821A**	58PH*110-20	47,500	39,500	12.8	16.0	1,380	1,130
3877986	24APA748A**31	CNPV*4821A**	58UVB080-20	47,000	39,000	12.4	16.0	1,310	1,050
3877967	24APA748A**31	CNPV*4821A**	58UVB100-20	47,500	39,000	12.3	15.5	1,395	1,115
3638161	24APA748A**31	CNPV*4821A**	58VLR120-20	47,000	39,000	12.3	15.5	1,350	1,170
3638160	24APA748A**31	CNPV*4821A**	58VMR120-20	47,000	39,000	12.2	15.5	1,355	1,155
4213256	24APA748A**31	CNPV*4821A**	OVLAAB048112	48,000	40,000	12.2	15.7	1,450	1,170
3638024	24APA748A**31	CNPV*4821A** + TDR		47,000	38,500	12.1	14.5	1,400	1,120
3638061	24APA748A**31	CNPV*4821A** + UI	58CV(A,X)110-20	47,500	39,000	12.6	16.0	1,355	1,085
3638059	24APA748A**31	CNPV*4821A** + UI	58MV(B,C)080-20	47,000	39,000	12.4	16.0	1,310	1,050
3638060	24APA748A**31	CNPV*4821A** + UI	58MV(B,C)100-20	47,500	39,000	12.3	15.5	1,395	1,115
3638125	24APA748A**31	CNPV*4824A**	58ME(B,C)100-20	48,000	39,000	12.7	16.5	1,410	1,070
3638068	24APA748A**31	CNPV*4824A**	58ME(B,C)120-20	48,000	40,000	12.8	16.0	1,425	1,265
3638066	24APA748A**31	CNPV*4824A**	58PH*110-20	48,000	39,500	12.8	16.0	1,380	1,130
3638067	24APA748A**31	CNPV*4824A**	58PH*135-20	47,500	40,000	12.7	16.0	1,400	1,235
3638163	24APA748A**31	CNPV*4824A**	58VLR120-20	47,000	39,000	12.3	15.5	1,350	1,170
3638162	24APA748A**31	CNPV*4824A**	58VMR120-20	47,000	39,000	12.1	15.5	1,355	1,155
4213257	24APA748A**31	CNPV*4824A**	OVLAAB048112	48,000	40,000	12.2	15.7	1,450	1,170
4213258	24APA748A**31	CNPV*4824A**	OVLAAB060154	48,500	40,000	13.0	16.7	1,445	1,170
3638025	24APA748A**31	CNPV*4824A** + TDR		47,000	38,500	12.1	14.5	1,400	1,120
3638063	24APA748A**31	CNPV*4824A** + UI	58CV(A,X)110-20	47,500	39,000	12.6	16.0	1,355	1,085
3638064	24APA748A**31	CNPV*4824A** + UI	58CV(A,X)135-22	47,500	39,000	12.8	16.0	1,355	1,085
3638065	24APA748A**31	CNPV*4824A** + UI	58CV(A,X)155-22	47,500	39,500	12.9	16.5	1,365	1,090
4149555	24APA748A**31	CNPV*6024A**	58HDV100--20	48,500	40,000	12.6	16.0	1,440	1,115
3747710	24APA748A**31	CNPV*6024A**	58HDV100--20 (DWNFLWONLY)	48,500	40,000	12.6	16.0	1,440	1,115

See notes on page 21

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3638126	24APA748A**31	CNPV*6024A**	58ME(B,C)100-20	48,500	39,500	12.9	16.5	1,425	1,085
3638127	24APA748A**31	CNPV*6024A**	58ME(B,C)120-20	49,000	40,500	13.1	16.5	1,440	1,275
3638072	24APA748A**31	CNPV*6024A**	58PH*110-20	48,500	40,000	13.1	16.5	1,395	1,145
3638073	24APA748A**31	CNPV*6024A**	58PH*135-20	48,500	40,500	12.9	16.0	1,420	1,255
3877968	24APA748A**31	CNPV*6024A**	58UVB080-20	48,000	39,000	12.6	16.0	1,310	1,050
3877969	24APA748A**31	CNPV*6024A**	58UVB100-20	48,500	39,500	12.6	16.0	1,395	1,115
3877970	24APA748A**31	CNPV*6024A**	58UVB120-20	48,500	39,500	12.8	16.0	1,360	1,090
3638165	24APA748A**31	CNPV*6024A**	58VLR120-20	48,000	40,000	12.6	16.0	1,350	1,170
3638164	24APA748A**31	CNPV*6024A**	58VMR120-20	48,000	39,000	12.5	16.0	1,355	1,155
4213259	24APA748A**31	CNPV*6024A**	OVLAAB048112	49,000	40,000	12.5	16.2	1,450	1,170
4213260	24APA748A**31	CNPV*6024A**	OVLAAB060154	49,500	40,500	13.2	17.0	1,445	1,170
3638026	24APA748A**31	CNPV*6024A**+TDR		48,000	39,000	12.2	14.5	1,400	1,120
3638069	24APA748A**31	CNPV*6024A**+UI	58CV(A,X)110-20	48,500	39,500	12.9	16.5	1,355	1,085
3638070	24APA748A**31	CNPV*6024A**+UI	58CV(A,X)135-22	48,500	39,500	13.0	16.5	1,355	1,085
3638071	24APA748A**31	CNPV*6024A**+UI	58CV(A,X)155-22	48,500	39,500	13.2	16.5	1,365	1,090
3638112	24APA748A**31	CNPV*6024A**+UI	58MV(B,C)080-20	48,000	39,000	12.6	16.0	1,310	1,050
3638113	24APA748A**31	CNPV*6024A**+UI	58MV(B,C)100-20	48,500	39,500	12.6	16.0	1,395	1,115
3638114	24APA748A**31	CNPV*6024A**+UI	58MV(B,C)120-20	48,500	39,500	12.8	16.0	1,360	1,090
3638032	24APA748A**31	CNPV*6124A**	58CV(A,X)155-22	51,000	41,500	13.9	18.0	1,365	1,090
3638128	24APA748A**31	CNPV*6124A**	58ME(B,C)100-20	51,000	41,500	13.7	17.5	1,430	1,095
3638129	24APA748A**31	CNPV*6124A**	58ME(B,C)120-20	51,000	42,500	13.8	17.5	1,445	1,285
3638110	24APA748A**31	CNPV*6124A**	58PH*090-16	51,000	42,000	13.6	17.5	1,435	1,125
3638085	24APA748A**31	CNPV*6124A**	58PH*110-20	51,000	42,000	13.8	17.5	1,400	1,160
3638086	24APA748A**31	CNPV*6124A**	58PH*135-20	51,000	41,000	13.7	17.5	1,425	1,265
3877971	24APA748A**31	CNPV*6124A**	58UVB100-20	50,500	41,500	13.4	17.0	1,395	1,115
3877972	24APA748A**31	CNPV*6124A**	58UVB120-20	50,500	41,500	13.6	17.5	1,360	1,090
3638167	24APA748A**31	CNPV*6124A**	58VLR120-20	48,000	42,000	13.5	16.5	1,350	1,170
3638166	24APA748A**31	CNPV*6124A**	58VMR120-20	48,000	42,000	13.2	16.5	1,355	1,155
4213261	24APA748A**31	CNPV*6124A**	OVLAAB048112	49,500	41,000	12.7	16.2	1,450	1,170
4213262	24APA748A**31	CNPV*6124A**	OVLAAB060154	50,000	41,000	13.5	17.2	1,445	1,170
3638018	24APA748A**31	CNPV*6124A**+TDR		50,500	41,000	13.0	15.5	1,400	1,120
3638148	24APA748A**31	CNPV*6124A**+UI	58CV(A,X)110-20	50,500	41,500	13.7	17.5	1,355	1,085
3638149	24APA748A**31	CNPV*6124A**+UI	58CV(A,X)135-22	50,500	41,500	13.8	17.5	1,355	1,085
3638150	24APA748A**31	CNPV*6124A**+UI	58CV(A,X)155-22	51,000	41,500	13.9	17.0	1,365	1,090
3638146	24APA748A**31	CNPV*6124A**+UI	58MV(B,C)100-20	50,500	41,500	13.4	17.0	1,395	1,115
3638147	24APA748A**31	CNPV*6124A**+UI	58MV(B,C)120-20	50,500	41,500	13.6	17.5	1,360	1,090
3638080	24APA748A**31	CSPH*4812A**	58HDV080-20	48,000	40,000	12.3	16.0	1,465	1,160
3638081	24APA748A**31	CSPH*4812A**	58HDV100-20	48,000	39,500	12.5	16.0	1,400	1,100
3638139	24APA748A**31	CSPH*4812A**	58ME(B,C)080-16	48,000	39,500	12.4	16.0	1,425	1,100
3638140	24APA748A**31	CSPH*4812A**	58ME(B,C)100-20	48,000	39,000	12.8	16.5	1,380	1,045
3638141	24APA748A**31	CSPH*4812A**	58ME(B,C)120-20	48,000	40,500	12.9	16.0	1,395	1,230
3638077	24APA748A**31	CSPH*4812A**	58PH*090-16	48,000	39,500	12.6	16.0	1,390	1,080
3638078	24APA748A**31	CSPH*4812A**	58PH*110-20	48,000	39,500	12.9	16.5	1,340	1,105
3638079	24APA748A**31	CSPH*4812A**	58PH*135-20	48,000	40,000	12.7	16.0	1,360	1,200
3638168	24APA748A**31	CSPH*4812A**	58VMR120-20	47,000	40,000	12.2	15.5	1,355	1,155
4213269	24APA748A**31	CSPH*4812A**	OVLAAB048112	48,500	40,000	12.2	15.7	1,450	1,170
4213270	24APA748A**31	CSPH*4812A**	OVLAAB060154	49,000	40,500	13.0	16.7	1,445	1,170
3638019	24APA748A**31	CSPH*4812A**+TDR		47,500	39,000	12.2	14.5	1,400	1,120
3638074	24APA748A**31	CSPH*4812A**+UI	58CV(A,X)090-16	47,500	39,000	12.5	15.5	1,345	1,075
3638075	24APA748A**31	CSPH*4812A**+UI	58CV(A,X)110-20	48,000	39,500	12.6	15.5	1,355	1,085
3638076	24APA748A**31	CSPH*4812A**+UI	58CV(A,X)135-22	48,000	39,500	12.8	16.0	1,355	1,085
3638104	24APA748A**31	CSPH*6012A**	58HDV080-20	49,000	40,500	12.6	16.0	1,510	1,190
3638105	24APA748A**31	CSPH*6012A**	58HDV100-20	49,000	40,000	12.7	16.5	1,440	1,130
3638142	24APA748A**31	CSPH*6012A**	58ME(B,C)080-16	49,000	40,000	12.6	16.0	1,460	1,125
3638143	24APA748A**31	CSPH*6012A**	58ME(B,C)100-20	49,000	40,000	13.0	16.5	1,425	1,075
3638144	24APA748A**31	CSPH*6012A**	58ME(B,C)120-20	49,000	41,000	13.1	16.5	1,440	1,270
3638101	24APA748A**31	CSPH*6012A**	58PH*090-16	49,000	40,000	12.9	16.5	1,430	1,110
3638102	24APA748A**31	CSPH*6012A**	58PH*110-20	49,000	40,000	13.1	16.5	1,395	1,135
3638103	24APA748A**31	CSPH*6012A**	58PH*135-20	49,000	40,500	13.0	16.5	1,420	1,250
3638169	24APA748A**31	CSPH*6012A**	58VMR120-20	48,000	40,000	12.8	16.0	1,355	1,155
4213271	24APA748A**31	CSPH*6012A**	OVLAAB048112	49,000	40,500	12.7	16.2	1,450	1,170
4213272	24APA748A**31	CSPH*6012A**	OVLAAB060154	49,500	41,000	13.2	17.0	1,445	1,170
3638027	24APA748A**31	CSPH*6012A**+TDR		48,500	39,500	12.3	15.0	1,400	1,120
3638097	24APA748A**31	CSPH*6012A**+UI	58CV(A,X)090-16	48,500	39,500	12.8	16.5	1,345	1,075
3638098	24APA748A**31	CSPH*6012A**+UI	58CV(A,X)110-20	48,500	40,000	12.9	16.5	1,355	1,085
3638099	24APA748A**31	CSPH*6012A**+UI	58CV(A,X)135-22	48,500	40,000	13.1	16.5	1,355	1,085
3638100	24APA748A**31	CSPH*6012A**+UI	58CV(A,X)155-22	49,000	40,000	13.2	16.5	1,365	1,090
3638082	24APA748A**31	CSPH*6012A**+UI	58MV(B,C)080-20	48,000	39,500	12.7	16.0	1,310	1,050
3638083	24APA748A**31	CSPH*6012A**+UI	58MV(B,C)100-20	48,500	40,000	12.6	16.0	1,395	1,115
3638084	24APA748A**31	CSPH*6012A**+UI	58MV(B,C)120-20	48,500	40,000	12.9	16.5	1,360	1,090
3638106	24APA748A**31	FE4AN(B,F)005+UI		48,500	40,000	13.1	16.5	1,400	1,120

See notes on page 21

24APA7

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3638107	24APA748A**31	FE4ANB006+UI		49,500	40,500	13.4	17.0	1,400	1,120
3638108	24APA748A**31	FV4CN(B,F)005		48,500	40,000	13.1	16.5	1,400	1,120
3638109	24APA748A**31	FV4CNB006		49,500	40,500	13.4	17.0	1,400	1,120
3638181	24APA760A**31	†CNPH*6124A**	58PH*110–20	59,000	47,000	13.0	16.5	1,675	1,245
3638211	24APA760A**31	CAP**6021A**	58ME(B,C)100–20	58,000	46,500	12.9	16.0	1,620	1,255
3638185	24APA760A**31	CAP**6021A**	58PH*110–20	58,500	46,500	13.0	16.5	1,670	1,250
3877973	24APA760A**31	CAP**6021A**	58UVB080–20	58,000	46,500	12.0	15.5	1,730	1,310
3877974	24APA760A**31	CAP**6021A**	58UVB100–20	58,000	47,000	12.3	15.5	1,660	1,395
3638243	24APA760A**31	CAP**6021A**	58VLR120–20	58,500	47,000	12.5	16.0	1,735	1,350
3638242	24APA760A**31	CAP**6021A**	58VMR120–20	57,500	47,000	12.0	15.5	1,740	1,355
3638173	24APA760A**31	CAP**6021A**+TDR		58,500	46,500	12.6	15.0	1,750	1,400
3638184	24APA760A**31	CAP**6021A**+UI	58CV(A,X)110–20	58,500	47,000	12.7	16.0	1,695	1,355
3638182	24APA760A**31	CAP**6021A**+UI	58MV(B,C)080–20	58,000	46,500	12.0	15.5	1,730	1,310
3638183	24APA760A**31	CAP**6021A**+UI	58MV(B,C)100–20	58,000	47,000	12.3	15.5	1,660	1,395
3638190	24APA760A**31	CAP**6024A**	58HDV100–20	58,500	47,500	12.4	15.5	1,775	1,415
3638212	24APA760A**31	CAP**6024A**	58ME(B,C)100–20	58,500	46,500	12.9	16.0	1,630	1,260
3638213	24APA760A**31	CAP**6024A**	58ME(B,C)120–20	58,500	47,000	13.1	16.5	1,640	1,280
3638189	24APA760A**31	CAP**6024A**	58PH*135–20	58,500	46,500	12.9	16.0	1,650	1,260
3877975	24APA760A**31	CAP**6024A**	58UVB120–20	58,000	47,000	12.6	15.5	1,680	1,360
3638245	24APA760A**31	CAP**6024A**	58VLR120–20	58,000	47,000	12.7	16.0	1,735	1,350
3638244	24APA760A**31	CAP**6024A**	58VMR120–20	58,000	47,000	12.2	15.5	1,740	1,355
4213274	24APA760A**31	CAP**6024A**	OVLAAB060154	58,000	47,000	11.5	15.2	2,110	1,675
3638174	24APA760A**31	CAP**6024A**+TDR		58,500	46,500	12.6	15.0	1,750	1,400
3638187	24APA760A**31	CAP**6024A**+UI	58CV(A,X)135–22	58,500	47,000	13.0	16.0	1,685	1,355
3638188	24APA760A**31	CAP**6024A**+UI	58CV(A,X)155–22	59,000	47,500	13.1	16.5	1,705	1,365
3638186	24APA760A**31	CAP**6024A**+UI	58MV(B,C)120–20	58,000	47,000	12.6	15.5	1,680	1,360
3638251	24APA760A**31	CAP**6025A**	58HDV080–20	56,500	46,000	11.6	15.5	1,845	1,445
3638252	24APA760A**31	CAP**6025A**	58HDV100–20	56,500	46,500	11.8	15.5	1,775	1,415
4213275	24APA760A**31	CAP**6025A**	OVLAAB060154	58,000	47,000	11.5	15.2	2,110	1,675
3638180	24APA760A**31	CAP**6025A**+TDR		57,000	46,000	11.8	14.5	1,750	1,400
3638226	24APA760A**31	CNPH*6024A**	58ME(B,C)100–20	58,500	47,000	13.0	16.5	1,645	1,275
3638227	24APA760A**31	CNPH*6024A**	58ME(B,C)120–20	58,500	47,000	13.0	16.5	1,655	1,290
3638217	24APA760A**31	CNPH*6024A**	58PH*110–20	58,500	47,000	13.0	16.5	1,700	1,275
3638218	24APA760A**31	CNPH*6024A**	58PH*135–20	58,500	47,000	12.9	16.0	1,670	1,280
4213278	24APA760A**31	CNPH*6024A**	OVLAAB060154	58,000	47,000	11.5	15.2	2,110	1,675
3638177	24APA760A**31	CNPH*6024A**+TDR		58,500	46,500	12.6	15.0	1,750	1,400
3638198	24APA760A**31	CNPH*6024A**+UI	58CV(A,X)110–20	58,500	47,000	12.8	16.0	1,695	1,355
3638199	24APA760A**31	CNPH*6024A**+UI	58CV(A,X)135–22	58,500	47,000	13.0	16.0	1,685	1,355
3638200	24APA760A**31	CNPH*6024A**+UI	58CV(A,X)155–22	58,500	47,500	13.1	16.5	1,705	1,365
3638196	24APA760A**31	CNPH*6024A**+UI	58MV(B,C)100–20	57,500	47,000	12.3	15.5	1,660	1,395
3638197	24APA760A**31	CNPH*6024A**+UI	58MV(B,C)120–20	58,000	47,000	12.6	16.0	1,680	1,360
3638220	24APA760A**31	CNPH*6124A**	58HDV100–20	58,500	47,500	12.4	15.5	1,765	1,410
3638228	24APA760A**31	CNPH*6124A**	58ME(B,C)100–20	58,500	47,000	13.0	16.5	1,625	1,255
3638229	24APA760A**31	CNPH*6124A**	58ME(B,C)120–20	58,500	47,000	13.1	16.5	1,630	1,270
3638219	24APA760A**31	CNPH*6124A**	58PH*135–20	58,500	47,000	12.9	16.0	1,640	1,245
4213279	24APA760A**31	CNPH*6124A**	OVLAAB060154	58,500	47,500	11.5	15.2	2,110	1,675
3638178	24APA760A**31	CNPH*6124A**+TDR		59,000	47,000	12.7	15.0	1,750	1,400
3638235	24APA760A**31	CNPH*6124A**+UI	58CV(A,X)110–20	58,500	47,500	12.8	16.0	1,695	1,355
3638236	24APA760A**31	CNPH*6124A**+UI	58CV(A,X)135–22	59,000	47,500	13.0	16.0	1,685	1,355
3638237	24APA760A**31	CNPH*6124A**+UI	58CV(A,X)155–22	59,000	47,500	13.2	16.5	1,705	1,365
3638233	24APA760A**31	CNPH*6124A**+UI	58MV(B,C)100–20	58,000	47,500	12.3	15.5	1,660	1,395
3638234	24APA760A**31	CNPH*6124A**+UI	58MV(B,C)120–20	58,500	47,500	12.6	15.5	1,680	1,360
3638214	24APA760A**31	CNPV*6024A**	58ME(B,C)100–20	58,500	47,000	13.0	16.5	1,645	1,275
3638215	24APA760A**31	CNPV*6024A**	58ME(B,C)120–20	58,500	47,000	13.1	16.5	1,655	1,290
3638210	24APA760A**31	CNPV*6024A**	58PH*110–20	58,500	47,500	13.0	16.0	1,700	1,425
3638194	24APA760A**31	CNPV*6024A**	58PH*135–20	58,500	47,000	12.9	16.0	1,670	1,280
3877977	24APA760A**31	CNPV*6024A**	58UVB100–20	57,500	47,000	12.3	15.5	1,660	1,395
3877976	24APA760A**31	CNPV*6024A**	58UVB120–20	58,000	47,000	12.6	16.0	1,680	1,360
3638247	24APA760A**31	CNPV*6024A**	58VLR120–20	58,500	47,000	12.7	16.0	1,735	1,350
3638246	24APA760A**31	CNPV*6024A**	58VMR120–20	57,500	47,000	12.2	15.5	1,740	1,355
4213276	24APA760A**31	CNPV*6024A**	OVLAAB060154	58,000	47,000	11.5	15.2	2,110	1,675
3638175	24APA760A**31	CNPV*6024A**+TDR		58,500	46,500	12.6	15.0	1,750	1,400
3638209	24APA760A**31	CNPV*6024A**+UI	58CV(A,X)110–20	58,500	47,000	12.8	16.0	1,695	1,355
3638192	24APA760A**31	CNPV*6024A**+UI	58CV(A,X)135–22	58,500	47,000	13.0	16.0	1,685	1,355
3638193	24APA760A**31	CNPV*6024A**+UI	58CV(A,X)155–22	58,500	47,500	13.1	16.5	1,705	1,365
3638208	24APA760A**31	CNPV*6024A**+UI	58MV(B,C)100–20	57,500	47,000	12.3	15.5	1,660	1,395
3638191	24APA760A**31	CNPV*6024A**+UI	58MV(B,C)120–20	58,000	47,000	12.6	16.0	1,680	1,360
3638216	24APA760A**31	CNPV*6124A**	58ME(B,C)100–20	59,000	47,500	13.1	16.5	1,650	1,285
3638225	24APA760A**31	CNPV*6124A**	58ME(B,C)120–20	58,500	47,000	13.0	16.5	1,660	1,300
3638207	24APA760A**31	CNPV*6124A**	58PH*110–20	59,500	48,500	13.2	16.5	1,710	1,435

See notes on page 21

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity		EER	SEER	ID CFM	
				High	Low			High	Low
3638195	24APA760A**31	CNPV*6124A**	58PH*135–20	59,000	47,500	13.1	16.5	1,675	1,290
3877978	24APA760A**31	CNPV*6124A**	58UVB100–20	58,500	47,500	12.5	15.5	1,660	1,395
3877979	24APA760A**31	CNPV*6124A**	58UVB120–20	59,000	47,500	12.8	16.0	1,680	1,360
3638249	24APA760A**31	CNPV*6124A**	58VLR120–20	59,500	47,500	12.9	16.5	1,735	1,350
3638248	24APA760A**31	CNPV*6124A**	58VMR120–20	59,000	47,500	12.5	16.0	1,740	1,355
4213277	24APA760A**31	CNPV*6124A**	OVLAAB060154	59,000	48,000	11.7	15.5	2,110	1,675
3638176	24APA760A**31	CNPV*6124A**+TDR		59,500	47,500	12.8	15.0	1,750	1,400
3638239	24APA760A**31	CNPV*6124A**+UI	58CV(A,X)110–20	59,000	48,000	13.0	16.0	1,695	1,355
3638241	24APA760A**31	CNPV*6124A**+UI	58CV(A,X)135–22	59,500	48,000	13.2	16.5	1,685	1,355
3638232	24APA760A**31	CNPV*6124A**+UI	58CV(A,X)155–22	59,500	48,000	13.3	16.5	1,705	1,365
3638238	24APA760A**31	CNPV*6124A**+UI	58MV(B,C)100–20	58,500	47,500	12.5	15.5	1,660	1,395
3638240	24APA760A**31	CNPV*6124A**+UI	58MV(B,C)120–20	59,000	47,500	12.8	16.0	1,680	1,360
3638230	24APA760A**31	CSPH*6012A**	58ME(B,C)100–20	58,500	47,000	13.1	16.5	1,650	1,270
3638231	24APA760A**31	CSPH*6012A**	58ME(B,C)120–20	59,000	47,000	13.2	16.5	1,660	1,290
3638203	24APA760A**31	CSPH*6012A**	58PH*110–20	59,000	47,000	13.1	16.5	1,710	1,270
3638204	24APA760A**31	CSPH*6012A**	58PH*135–20	58,500	47,000	13.0	16.5	1,675	1,275
3638250	24APA760A**31	CSPH*6012A**	58VMR120–20	58,500	47,500	12.4	16.0	1,740	1,355
4213280	24APA760A**31	CSPH*6012A**	OVLAAB060154	58,500	47,500	11.7	15.2	2,110	1,675
3638179	24APA760A**31	CSPH*6012A**+TDR		59,000	47,000	12.7	15.0	1,750	1,400
3638224	24APA760A**31	CSPH*6012A**+UI	58CV(A,X)110–20	58,500	47,500	12.9	16.0	1,695	1,355
3638201	24APA760A**31	CSPH*6012A**+UI	58CV(A,X)135–22	59,000	47,500	13.1	16.5	1,685	1,355
3638202	24APA760A**31	CSPH*6012A**+UI	58CV(A,X)155–22	59,000	47,500	13.2	16.5	1,705	1,365
3638221	24APA760A**31	CSPH*6012A**+UI	58MV(B,C)080–20	58,000	47,000	12.2	15.5	1,730	1,310
3638222	24APA760A**31	CSPH*6012A**+UI	58MV(B,C)100–20	58,000	47,500	12.4	15.5	1,660	1,395
3638223	24APA760A**31	CSPH*6012A**+UI	58MV(B,C)120–20	58,500	47,500	12.7	16.0	1,680	1,360
3638205	24APA760A**31	FE4ANB006+UI		59,500	48,000	13.4	17.0	1,750	1,400
3638206	24APA760A**31	FV4CNB006		59,500	48,000	13.4	16.5	1,750	1,400

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 Carrier furnaces are equipped with TDR.

TXV — Thermostatic Expansion Valve

UI — User Interface

NOTES:

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

24APA7

DETAILED COOLING CAPACITIES#

24AP47

EVAPORATOR AIR			CONDENSER ENTERING AIR TEMPERATURES °F (°C)											
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)		
		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		
		Total	Sens†	Total	Sys. KW**	Total	Sys. KW**	Total	Sys. KW**	Total	Sys. KW**	Total	Sys. KW**	
24AP4724 HIGH Outdoor Section With CNPVP4217 Indoor Section														
600	57 (13.9)	22.73	22.73	22.01	22.01	21.22	21.22	18.6	20.36	20.36	19.43	19.43	18.40	
		24.15	20.31	19.64	17.0	22.12	18.95	1.86	20.99	18.24	2.05	18.49	16.78	
		24.66	16.79	23.66	16.15	22.58	15.49	1.87	21.42	14.82	2.05	18.83	13.42	
		26.66	17.43	25.58	16.77	24.52	16.11	1.88	23.17	15.43	2.06	21.85	14.74	
715	62 (16.7)	29.46	14.50	1.58	28.27	13.87	1.73	27.00	13.23	1.90	25.65	12.59	2.09	
		24.27	24.27	23.46	23.46	22.58	22.58	1.89	21.64	21.64	2.07	20.61	20.61	
		25.08	22.43	1.57	24.03	21.72	1.72	22.91	20.98	1.89	21.73	20.23	2.07	
		25.57	18.25	1.57	24.48	17.57	1.73	23.32	16.88	1.89	22.08	16.18	2.08	
750	67 (19.4)	27.62	18.98	1.59	26.45	18.30	1.74	25.20	17.60	1.91	23.87	16.89	2.09	
		30.50	15.50	1.61	29.22	14.84	1.76	27.85	14.18	1.93	26.40	13.51	2.11	
		24.68	24.68	1.57	23.85	23.85	1.73	22.95	22.95	1.90	21.97	20.92	2.08	
		25.32	23.05	1.58	24.25	22.33	1.73	23.12	21.58	1.90	22.01	22.01	2.08	
800	63 (17.2)††	25.79	18.67	1.58	24.69	17.99	1.74	23.50	17.29	1.90	22.24	16.58	2.08	
		27.85	19.44	1.59	26.66	18.74	1.75	25.39	18.04	1.92	24.04	17.33	2.10	
		30.75	15.79	1.62	29.44	15.13	1.77	28.06	14.46	1.94	26.58	13.78	2.12	
		25.23	25.23	1.59	24.36	24.36	1.74	23.43	23.43	1.91	22.42	22.42	2.09	
	57 (13.9)	25.63	23.93	1.59	24.55	23.46	1.74	23.46	23.46	1.91	22.45	22.45	2.10	
		26.08	19.27	1.59	24.94	18.57	1.75	23.73	17.86	1.91	22.45	17.15	2.10	
		28.15	20.08	1.61	26.93	19.37	1.76	25.63	18.66	1.93	24.26	17.94	2.11	
		31.08	16.19	1.63	29.73	15.52	1.78	28.31	14.84	1.95	26.81	14.16	2.13	
CONDENSER ENTERING AIR TEMPERATURES °F (°C)														
24AP4724 LOW Outdoor Section With CNPVP4217 Indoor Section														
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)		
		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		
		Total	Sens†	Total	Sys. KW**	Total	Sys. KW**	Total	Sys. KW**	Total	Sys. KW**	Total	Sys. KW**	
450	57 (13.9)	16.08	16.08	15.50	15.50	14.87	13.5	14.19	1.56	13.45	13.45	12.84	12.84	
		17.21	13.77	16.42	13.42	15.57	13.04	1.35	14.66	12.65	1.56	13.67	12.23	
		17.63	11.41	16.83	11.06	15.96	10.68	1.35	15.03	10.29	1.56	14.01	9.87	
		19.26	11.92	18.39	11.56	17.45	11.19	1.36	16.45	10.80	1.57	15.37	9.93	
500	62 (16.7)	21.55	10.03	1.04	20.58	9.67	1.19	19.55	9.30	1.37	18.47	8.91	1.58	
		16.84	16.84	1.01	16.22	16.22	1.17	15.55	15.55	1.36	14.82	14.82	1.57	
		14.66	14.66	1.02	16.87	14.29	1.18	15.98	13.91	1.36	15.03	13.50	1.57	
		18.12	12.03	1.02	17.27	11.67	1.18	16.36	11.29	1.36	15.38	10.88	1.57	
585	67 (19.4)	19.78	12.58	1.03	18.87	12.22	1.19	17.89	11.84	1.37	16.83	11.43	1.58	
		22.13	10.48	1.05	21.12	10.11	1.20	20.05	9.73	1.38	18.90	9.32	1.59	
		17.95	17.95	1.03	17.27	17.27	1.19	16.53	16.53	1.37	15.73	15.73	1.58	
		16.11	16.11	1.04	17.49	15.73	1.19	16.58	16.53	1.37	15.76	15.76	1.58	
640	63 (17.2)††	18.78	13.04	1.04	17.86	12.67	1.20	16.89	12.27	1.38	15.84	11.84	1.59	
		20.49	13.66	1.05	19.51	13.29	1.20	18.46	12.89	1.38	17.34	12.47	1.59	
		11.19	11.19	1.06	21.83	10.81	1.22	20.68	10.41	1.39	19.45	10.00	1.60	
		18.58	18.58	1.04	17.86	17.86	1.20	17.08	17.08	1.38	16.25	16.25	1.59	
	57 (13.9)	18.74	17.02	1.05	17.89	17.89	1.20	17.11	17.11	1.38	16.28	16.28	1.59	
		19.11	13.67	1.05	18.17	13.29	1.20	17.17	12.88	1.38	16.10	12.46	1.59	
		20.85	14.34	1.06	19.83	13.95	1.21	18.76	13.55	1.39	17.60	13.12	1.60	
		23.30	11.62	1.07	22.18	21.00	1.23	21.00	10.83	1.40	19.75	10.41	1.61	
	57 (13.9)	16.08	16.08	15.50	15.50	14.87	13.5	14.19	1.56	13.45	13.45	12.84	12.84	
		17.21	13.77	16.42	13.42	15.57	13.04	1.35	14.66	12.65	1.56	13.67	12.23	
		17.63	11.41	16.83	11.06	15.96	10.68	1.35	15.03	10.29	1.56	14.01	9.87	
		19.26	11.92	18.39	11.56	17.45	11.19	1.36	16.45	10.80	1.57	15.37	9.93	
	62 (16.7)	21.55	10.03	1.04	20.58	9.67	1.19	19.55	9.30	1.37	18.47	8.91	1.58	
		16.84	16.84	1.01	16.22	16.22	1.17	15.55	15.55	1.36	14.82	14.82	1.57	
		14.66	14.66	1.02	16.87	14.29	1.18	15.98	13.91	1.36	15.03	13.50	1.57	
		18.12	12.03	1.02	17.27	11.67	1.18	16.36	11.29	1.36	15.38	10.88	1.57	
	67 (19.4)	19.78	12.58	1.03	18.87	12.22	1.19	17.89	11.84	1.37	16.83	11.43	1.58	
		22.13	10.48	1.05	21.12	10.11	1.20	20.05	9.73	1.38	18.90	9.32	1.59	
		17.95	17.95	1.03	17.27	17.27	1.19	16.53	16.53	1.37	15.73	15.73	1.58	
		16.11	16.11	1.04	17.49	15.73	1.19	16.58	16.53	1.37	15.76	15.76	1.58	
	63 (17.2)††	18.78	13.04	1.04	17.86	12.67	1.20	16.89	12.27	1.38	15.84	11.84	1.59	
		20.49	13.66	1.05	19.51	13.29	1.20	18.46	12.89	1.38	17.34	12.47	1.59	
		11.19	11.19	1.06	21.83	10.81	1.22	20.68	10.41	1.39	19.45	10.00	1.60	
		18.58	18.58	1.04	17.86	17.86	1.20	17.08	17.08	1.38	16.25	16.25	1.59	
	57 (13.9)	18.74	17.02	1.05	17.89	17.89	1.20	17.11	17.11	1.38	16.28	16.28	1.59	
		19.11	13.67	1.05	18.17	13.29	1.20	17.17	12.88	1.38	16.10	12.46	1.59	
		20.85	14.34	1.06	19.83	13.95	1.21	18.76	13.55	1.39	17.60	13.12	1.60	
		23.30	11.62	1.07	22.18	21.00	1.23	21.00	10.83	1.40	19.75	10.41	1.61	
	57 (13.9)	16.08	16.08	15.50	15.50	14.87	13.5	14.19	1.56	13.45	13.45	12.84	12.84	
		17.21	13.77	16.42	13.42	15.57	13.04	1.35	14.66	12.65	1.56	13.67	12.23	
		17.63	11.41	16.83	11.06	15.96	10.68	1.35	15.03	10.29	1.56	14.01	9.87	
		19.26	11.92	18.39	11.56	17.45	11.19	1.36	16.45	10.80	1.57	15.37	9.93	
	62 (16.7)	21.55	10.03	1.04	20.58	9.67	1.19	19.55	9.30	1.37	18.47	8.91	1.58	
		16.84	16.84	1.01	16.22	16.22	1.17	15.55	15.55	1.36	14.82	14.82	1.57	
		14.66	14.66	1.02	16.87	14.29	1.18	15.98	13.91	1.36	15.03	13.50	1.57	
		18.12	12.03	1.02	17.27	11.67	1.18	16.36	11.29	1.36	15.38	10.88	1.57	
	67 (19.4)	19.78	12.58	1.03	18.87	12.22	1.19	17.89	11.84	1.37	16.83	11.43	1.58	
		22.13	10.48	1.05	21.12	10.11	1.20	20.05	9.73	1.38	18.90	9.32	1.59	
		17.95	17.95	1.03	17.27	17.27	1.19	16.53	16.53	1.37	15.73	15.73	1.58	
		16.11	16.11	1.04	17.49	15.73	1.19	16.58	16.53	1.37	15.76	15.76	1.58	
	63 (17.2)††	18.78	13.04	1.04	17.86	12.67	1.20	16.89	12.27	1.38	15.84	11.84	1.59	
		20.49	13.66	1.05	19.51	13.29	1.20	18.46	12.89	1.38	17.34	12.47	1.59	
		11.19	11.19	1.06	21.83	10.81	1.22	20.68	10.41	1.39	19.45	10.00	1.60	
		18.58	18.58	1.04	17.86	17.86	1.20	17.08	17.08	1.38	16.25	16.25	1.59	
	57 (13.9)	18.74	17.02	1.05	17.89	17.89	1.20	17.11	17.11	1.38	16.28	16.28	1.59	
		19.11	13.67	1.05	18.17	13.29	1.20	17.17	12.88	1.38	16.10	12.46	1.59	
		20.85	14.34	1.06	19.83	13.95	1.21	18.76	13.55	1.39	17.60	13.12	1.60	
		23.30	11.62	1.07	22.18	21.00	1.23	21.00	10.83	1.40	19.75	10.41	1.61	
	57 (13.9)	16.08	16.08	15.50	15.50	14.87	13.5	14.19	1.56	13.45	13.45	12.84	12.84	
		17.21	13.77	16.42	13.42	15.57	13.04	1.35	14.66	12.65	1.56	13.67	12.23	
		17.63	11.41	16.83	11.06	15.96	10.68	1.35	15.03	10.29	1.56	14.01	9.87	
		19.26	11.92	18.39	11.56	17.45	11.19	1.36	16.45	10.80	1.57	15.37	9.93	
	62 (16.7)	21.55	10.03	1.04	20.58	9.67	1.19	19.55	9.30	1.37	18.47	8.91	1.58	
		16.84	16.84	1.01	16.22	16.22	1.17	15.55	15.55	1.36	14.82	14.82	1.57	
		14.66	14.66	1.02	16.87	14.29	1.18	15.98	13.91	1.36	15.03	13.50	1.57	
		18.12	12.03	1.02	17.27	11.67	1.18	16.36	11.29	1.36	15.38	10.88	1.57	
	67 (19.4)	19.78	12.58	1.03	18.87	12.22	1.19	17.89	11.84	1.37	16.83	11.43	1.58	
		22.13	10.48	1.05	21.12	10.11	1.20	20.05	9.73	1.38	18.90	9.32	1.59	
		17.95	17.95	1.03	17.27	17.27	1.19	16.53	16.53	1.37	15.73	15.73	1.58	
		16.11	16.11	1.04	17.49	15.73	1.19	16.58	16.53	1.37	15.76	15.76	1.58	
	63 (17.2)††	18.78	13.04	1.04	17.									

24APA724 Outdoor Section With CNPVP4821 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CSPH**2412A**	0.98	1.02	0.98	1.01	58HDV040--12
CSPH**3012A**	0.99	1.02	0.98	1.00	58HDV040--12
CSPH**3612A**	1.02	1.00	1.00	1.00	58HDV040--12
CAP**3619A**	1.01	1.02	1.00	1.01	58HDV060--12
CAP**3619A**	0.99	1.01	1.00	1.01	58HDV060--12
CNPH**3017A**	1.00	1.02	1.00	1.01	58HDV060--12
CNPH**3617A**	1.00	1.02	1.00	1.01	58HDV060--12
CSPH**2412A**	0.99	1.02	0.99	1.02	58HDV060--12
CSPH**3012A**	1.00	1.02	0.99	1.01	58HDV060--12
CSPH**3612A**	1.02	1.02	1.02	1.01	58HDV060--12
CAP**2417A**	1.00	0.99	1.00	0.99	58ME(B,C)060--12
CAP**3014A**	1.00	0.99	0.99	0.98	58ME(B,C)060--12
CAP**3017A**	1.01	0.99	1.01	0.99	58ME(B,C)060--12
CAP**3614A**	1.01	0.99	1.00	0.98	58ME(B,C)060--12
CAP**3617A**	1.02	0.99	1.01	0.98	58ME(B,C)060--12
CAP**3621A**	1.02	0.99	1.02	0.99	58ME(B,C)060--12
CNPH**2417A**	0.99	0.99	0.99	0.98	58ME(B,C)060--12
CNPH**3017A**	1.01	0.99	1.01	0.99	58ME(B,C)060--12
CNPH**3617A**	1.00	0.99	1.01	0.99	58ME(B,C)060--12
CNPF**2414A**	0.99	0.99	0.99	0.98	58ME(B,C)060--12
CNPV**2417A**	0.99	1.00	0.99	0.98	58ME(B,C)060--12
CNPV**3014A**	1.00	0.99	0.99	0.98	58ME(B,C)060--12
CNPV**3017A**	1.01	0.99	1.01	0.99	58ME(B,C)060--12
CNPV**3117A**	1.02	0.98	1.03	0.99	58ME(B,C)060--12
CNPF**3621A**	1.01	0.99	1.01	0.99	58ME(B,C)060--12
CNPF**3717A**	1.04	0.99	1.05	0.99	58ME(B,C)060--12
CSPH**2412A**	1.00	1.00	0.98	0.97	58ME(B,C)060--12
CSPH**3012A**	1.01	0.99	1.00	0.98	58ME(B,C)060--12
CSPH**3612A**	1.03	0.99	1.03	0.99	58ME(B,C)060--12
CAP**2417A**	1.00	0.99	1.01	1.00	58MEB040--12
CAP**3014A**	1.00	0.99	1.01	1.00	58MEB040--12
CAP**3017A**	1.01	0.99	1.01	0.99	58MEB040--12
CAP**3614A**	1.01	0.99	1.01	0.99	58MEB040--12
CAP**3617A**	1.01	0.99	1.02	0.99	58MEB040--12
CNPH**2417A**	0.99	0.99	1.00	0.99	58MEB040--12
CNPH**3017A**	1.01	0.99	1.01	0.99	58MEB040--12
CNPF**2414A**	0.99	0.99	1.00	0.99	58MEB040--12
CNPV**2417A**	0.99	0.99	1.00	0.99	58MEB040--12
CNPV**3014A**	1.00	0.99	1.00	0.99	58MEB040--12
CNPV**3014A**	1.01	0.99	1.02	1.00	58MEB040--12
CNPV**3621A**	1.01	0.99	1.02	1.00	58MEB040--12
CSPH**2412A**	1.00	0.99	1.00	0.99	58MEB040--12
CSPH**3012A**	1.01	0.99	1.01	0.99	58MEB040--12
CSPH**3612A**	1.02	0.99	1.04	1.00	58MEB040--12
CAP**2417A**	0.98	0.98	0.98	0.99	58MV(B,C)060--14
CAP**2417A**	0.99	0.98	0.98	0.98	58MV(B,C)060--14
CAP**3017A**	0.99	0.98	0.98	0.98	58MV(B,C)060--14
CAP**3617A**	1.00	0.99	0.99	0.99	58MV(B,C)060--14
CNPH**2417A**	0.98	0.99	0.98	0.99	58MV(B,C)060--14
CNPH**3017A**	0.99	0.98	0.98	0.98	58MV(B,C)060--14
CNPH**3617A**	0.99	0.98	0.98	0.98	58MV(B,C)060--14
CNPV**2417A**	0.98	1.00	0.98	0.99	58MV(B,C)060--14
CNPV**3017A**	0.99	0.98	0.98	0.98	58MV(B,C)060--14
CNPV**3117A**	1.02	0.99	1.01	0.99	58MV(B,C)060--14
CNPV**3617A**	0.99	0.98	0.98	0.98	58MV(B,C)060--14
CNPV**3717A**	1.02	0.99	1.02	0.98	58MV(B,C)060--14
CSPH**2412A**	1.00	1.01	0.99	1.00	58MV(B,C)060--14

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CSPH*3012A**	1.00	0.99	0.99	1.00	58MV(B,C)060-14
CSPH*3612A**	1.02	0.99	1.00	0.99	58MV(B,C)080-14
CAP**3621A**	0.98	0.98	0.97	0.96	58MV(B,C)060-14
CNPH*2417A**	0.98	0.99	0.97	0.98	58MV(B,C)080-14
CNPH*3017A**	0.98	0.98	0.96	0.96	58MV(B,C)080-14
CNPH*3617A**	0.98	0.98	0.96	0.96	58MV(B,C)080-14
CSPH*3612A**	1.00	0.99	0.98	0.97	58MV(B,C)080-14
CAP**3621A**	0.98	0.98	0.96	0.97	58MV(B,C)060-20
CAP**3621A**	0.98	0.98	0.97	0.96	58MV(B,C)100-20
CNPV*3621A**	0.98	0.99	0.99	0.98	58MV(B,C)100-20
CNPH*2417A**	0.98	1.00	0.97	0.99	58MV(B)040-14
CNPH*3017A**	0.98	0.99	0.97	0.98	58MV(B)040-14
CNPH*3617A**	0.98	0.99	0.97	0.98	58MV(B)040-14
CSPH*2412A**	0.98	1.00	0.98	1.00	58PH*045-08
CAP**3614A**	0.99	1.00	0.99	1.00	58PH*045-08
CNPH*2417A**	0.98	1.00	0.99	1.00	58PH*045-08
CNPH*3617A**	0.99	1.00	0.99	1.00	58PH*045-08
CNPV*2414A**	0.98	1.00	0.98	1.00	58PH*045-08
CNPV*3014A**	0.98	1.00	0.98	1.00	58PH*045-08
CSPH*2412A**	0.98	1.00	0.98	1.00	58PH*045-08
CSPH*3012A**	0.99	1.00	0.99	1.00	58PH*045-08
CSPH*3612A**	1.01	1.00	1.01	1.00	58PH*045-08
CAP**2414A**	0.98	1.00	0.98	0.98	58VLR105-12
CAP**2417A**	0.98	0.98	0.98	0.98	58VLR105-12
CAP**3017A**	0.99	1.01	0.98	0.97	58VLR105-12
CNPV*2417A**	0.98	1.00	0.99	0.99	58VLR105-12
CNPV*3017A**	0.99	1.01	0.99	0.98	58VLR105-12
CNPH*3117A**	1.02	0.99	1.01	0.98	58VLR105-12
CNPH*3617A**	0.99	1.01	0.99	0.98	58VLR105-12
CNPV*3717A**	1.02	1.00	1.02	0.98	58VLR105-12
CAP**2414A**	0.97	0.98	0.96	0.98	58VLR105-12
CAP**2417A**	0.98	0.99	0.96	0.97	58VLR105-12
CAP**3017A**	0.98	0.99	0.96	0.97	58VLR105-12
CNPV*2417A**	0.97	1.00	0.96	0.98	58VLR105-12
CNPV*3017A**	0.98	0.99	0.96	0.97	58VLR105-12
CNPH*3117A**	1.00	1.02	0.98	0.97	58VLR105-12
CNPV*3617A**	0.98	0.99	0.96	0.97	58VLR105-12
CNPV*3717A**	1.01	0.99	0.99	0.97	58VLR105-12
CSPH*2412A**	0.98	1.00	0.97	0.98	58VLR105-12
CSPH*3012A**	0.98	1.00	0.96	0.97	58VLR105-12
CSPH*3612A**	1.00	1.02	0.98	0.97	58VLR105-12
CAP**2417A**	0.98	1.04	0.94	0.95	OVLAA(B)36098
CAP**3017A**	0.99	1.03	0.94	0.95	OVLAA(B)36098
CAP**3617A**	1.00	1.04	0.95	0.95	OVLAA(B)36098
CAP**3619A**	1.00	1.04	0.95	0.95	OVLAA(B)36098
CAP**3621A**	1.00	1.04	0.95	0.95	OVLAA(B)36098
CNPH*2417A**	0.98	1.06	0.95	0.97	OVLAA(B)36098
CNPH*3017A**	1.00	1.04	0.95	0.95	OVLAA(B)36098
CNPH*3117A**	1.02	1.03	0.97	0.95	OVLAA(B)36098
CNPH*3617A**	1.00	1.04	0.95	0.95	OVLAA(B)36098
CNPV*2417A**	0.98	1.06	0.95	0.97	OVLAA(B)36098

DETAILED COOLING CAPACITIES# (CONTINUED)

24APA724 Outdoor Section With CNPVP4821 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CNPV*3017A**	1.00	1.04	0.95	0.95	OVLAA036098
CNPV*3117A**	1.02	1.03	0.97	0.96	OVLAA036098
CNPV*3617A**	1.00	1.04	0.95	0.95	OVLAA036098
CNPV*3621A**	1.00	1.04	0.95	0.95	OVLAA036098
CNPV*3717A**	1.03	1.03	0.98	0.95	OVLAA036098
CSPH*2412A**	0.99	1.07	0.96	0.97	OVLAA036098
CSPH*3012A**	1.00	1.04	0.96	0.96	OVLAA036098
CSPH*3612A**	1.02	1.03	0.96	0.95	OVLAA036098
CAP**2417A**	0.97	1.01	0.95	0.95	OVLAA036098
CAP**3017A**	0.98	1.01	0.95	0.95	OWMAAB036098
CAP**3617A**	0.98	1.01	0.96	0.96	OWMAAB036098
CAP**3619A**	0.98	1.01	0.96	0.96	OWMAAB036098
CAP**3621A**	0.98	0.99	0.96	0.95	OWMAAB036098
CNPV*2417A**	0.97	1.02	0.95	0.96	OWMAAB036098
CNPV*3017A**	0.98	1.01	0.95	0.95	OWMAAB036098
CNPV*3117A**	0.99	1.01	0.97	0.95	OWMAAB036098
CNPV*3617A**	0.98	1.01	0.95	0.95	OWMAAB036098
CNPV*3621A**	0.98	1.01	0.95	0.95	OWMAAB036098
CNPV*3717A**	1.01	1.01	0.98	0.95	OWMAAB036098
CSPH*2412A**	0.98	1.01	0.96	0.97	OWMAAB036098
CSPH*3012A**	0.98	1.02	0.97	0.96	OWMAAB036098
CSPH*3612A**	0.99	1.01	0.97	0.96	OWMAAB036098
CAP**2417A**	0.97	0.98	0.96	0.96	OWMAAB042112
CAP**3017A**	0.97	0.98	0.96	0.95	OWMAAB042112
CAP**3617A**	0.98	0.98	0.97	0.95	OWMAAB042112
CAP**3619A**	0.98	0.98	0.97	0.95	OWMAAB042112
CAP**3621A**	0.98	0.98	0.97	0.95	OWMAAB042112
CNPV*2417A**	0.96	1.00	0.97	0.97	OWMAAB042112
CNPV*3017A**	0.97	0.98	0.97	0.96	OWMAAB042112
CNPV*3117A**	0.99	0.99	0.99	0.96	OWMAAB042112
CNPV*3617A**	0.97	0.98	0.97	0.96	OWMAAB042112
CNPV*3621A**	0.97	0.98	0.97	0.96	OWMAAB042112
CNPV*3717A**	1.00	0.98	1.00	0.95	OWMAAB042112
CSPH*2412A**	0.98	1.01	0.98	0.98	OWMAAB042112
CSPH*3012A**	0.98	0.99	0.98	0.96	OWMAAB042112
CSPH*3612A**	0.99	0.99	0.98	0.95	OWMAAB042112

See notes on page 32

DETAILED COOLING CAPACITIES# (CONTINUED)

EVAPORATOR AIR			CONDENSER ENTERING AIR TEMPERATURES °F (°C)																
CFM	EWB °F (°C)	75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
		Capacity MBTuh		Total Sys. KW**	Capacity MBTuh		Total Sys. KW**	Capacity MBTuh		Total Sys. KW**	Capacity MBTuh		Total Sys. KW**	Capacity MBTuh		Total Sys. KW**			
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	
24APAZ36 HIGH Outdoor Section With CNPVP4821 Indoor Section																			
900	57 (13.9)	33.33	33.33	2.24	32.15	32.15	2.46	30.88	30.88	2.70	29.56	28.14	3.26	26.61	26.61	3.59			
	62 (16.7)	35.31	29.54	2.26	33.74	28.47	2.48	32.09	27.39	2.72	30.37	26.30	3.27	26.70	26.52	3.59			
	63 (17.2)††	36.04	24.41	2.26	34.43	23.39	2.48	32.74	22.37	2.72	30.96	21.34	3.28	27.10	19.26	3.60			
	67 (19.4)	38.95	25.33	2.29	37.22	24.31	2.51	35.42	23.28	2.75	33.52	22.24	3.02	29.38	20.15	3.63			
	72 (22.2)	42.96	21.05	2.34	41.08	20.07	2.56	39.11	19.10	2.80	37.05	18.12	3.35	32.53	16.13	3.68			
1090	57 (13.9)	35.76	35.76	2.29	34.44	34.44	2.51	33.04	33.04	2.75	31.56	29.98	3.31	28.28	28.28	3.64			
	62 (16.7)	36.78	32.85	2.30	35.11	31.71	2.52	33.37	30.55	2.76	31.63	31.49	3.02	28.33	28.33	3.64			
	63 (17.2)††	37.44	26.68	2.30	35.70	25.61	2.52	33.89	24.55	2.76	31.96	23.46	3.32	27.89	21.29	3.64			
	67 (19.4)	40.41	27.76	2.34	38.54	26.68	2.56	36.60	25.60	2.79	34.57	24.52	3.34	30.19	22.33	3.67			
	72 (22.2)	44.50	22.59	2.38	42.46	21.58	2.60	40.37	20.57	2.84	38.15	19.55	3.39	33.36	17.49	3.72			
1200	57 (13.9)	36.91	36.91	2.32	35.51	35.51	2.55	34.05	34.05	2.79	32.47	30.83	3.35	29.05	29.05	3.68			
	62 (16.7)	37.46	34.64	2.33	35.76	33.44	2.55	34.08	34.08	2.79	32.51	32.51	3.05	29.09	29.09	3.68			
	63 (17.2)††	38.02	27.90	2.33	36.23	26.81	2.55	34.36	25.72	2.79	32.37	24.61	3.34	28.21	22.39	3.66			
	67 (19.4)	41.01	29.06	2.37	39.08	27.96	2.58	37.09	26.86	2.82	35.00	25.76	3.37	30.51	23.52	3.70			
	72 (22.2)	45.14	23.41	2.41	43.08	22.39	2.63	40.87	21.35	2.87	38.60	20.31	3.42	33.67	18.21	3.75			
1350	57 (13.9)	38.32	38.32	2.35	36.83	36.83	2.57	35.27	35.27	2.81	33.62	33.62	3.37	29.99	29.99	3.70			
	62 (16.7)	38.43	38.13	2.35	36.88	36.88	2.57	35.32	35.32	2.81	33.66	33.66	3.37	30.03	30.03	3.70			
	63 (17.2)††	38.73	29.56	2.35	36.87	28.44	2.57	34.94	27.32	2.81	32.94	26.19	3.36	28.64	23.89	3.71			
	67 (19.4)	41.73	30.84	2.38	39.74	29.71	2.60	37.67	28.58	2.84	35.54	27.44	3.39	30.89	25.11	3.71			
	72 (22.2)	45.89	24.52	2.43	43.73	23.47	2.65	41.48	22.42	2.89	39.13	21.36	3.44	34.06	19.21	3.76			

EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)																
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)								
		Capacity MBTuh		Capacity MBTuh		Capacity MBTuh		Capacity MBTuh		Capacity MBTuh		Capacity MBTuh								
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†							
24APAZ36 HIGH Outdoor Section With CNPVP4821 Indoor Section																				
700	57 (13.9)	23.87	23.87	1.49	22.84	22.84	1.67	21.77	21.77	1.86	20.65	19.47	19.47	2.34	18.23	18.23	2.64			
	62 (16.7)	24.93	19.49	1.49	23.58	18.94	1.66	22.19	18.38	1.86	20.78	17.80	19.51	19.51	2.34	18.26	2.64			
	63 (17.2)††	25.49	15.95	1.48	24.11	15.40	1.66	22.67	14.84	1.86	21.19	14.27	19.65	19.65	2.34	18.05	2.64			
	67 (19.4)	27.75	16.65	1.47	26.25	16.10	1.65	24.71	15.54	1.84	23.11	14.97	2.06	2.06	21.47	14.39	2.31	19.75	13.79	2.61
	72 (22.2)	30.87	13.76	1.46	29.23	13.21	1.63	27.54	12.65	1.82	25.80	12.08	2.03	2.03	24.00	11.50	2.28	22.12	10.91	2.57
840	57 (13.9)	25.59	25.59	1.51	24.45	24.45	1.68	23.26	23.26	1.87	22.01	22.01	2.09	2.09	20.71	20.71	2.34	19.34	19.34	2.64
	62 (16.7)	25.95	21.71	1.50	24.55	24.32	1.68	23.30	23.30	1.87	22.05	22.05	2.09	2.09	20.75	20.75	2.34	19.37	19.37	2.64
	63 (17.2)††	26.45	17.47	1.50	24.95	16.90	1.68	23.42	16.32	1.87	21.84	15.73	2.10	2.10	20.22	15.13	2.35	18.54	14.52	2.66
	67 (19.4)	28.75	18.28	1.49	27.14	17.71	1.66	25.49	17.13	1.86	23.80	16.54	2.07	2.07	22.06	15.94	2.33	20.26	15.33	2.62
	72 (22.2)	31.95	14.80	1.48	30.19	14.23	1.65	28.38	13.65	1.84	26.52	13.06	2.05	2.05	24.61	12.47	2.30	22.64	11.87	2.59
960	57 (13.9)	26.80	26.80	1.52	25.57	25.57	1.69	24.29	24.29	1.88	22.95	22.95	2.10	2.10	21.56	21.56	2.35	20.10	20.10	2.64
	62 (16.7)	26.85	26.85	1.52	25.61	25.61	1.69	24.33	24.33	1.88	22.99	22.99	2.10	2.10	21.60	21.60	2.35	20.13	20.13	2.64
	63 (17.2)††	27.05	18.71	1.52	25.49	18.13	1.69	23.89	17.53	1.89	22.26	16.93	2.11	2.11	20.59	16.32	2.37	18.86	15.68	2.67
	67 (19.4)	29.37	19.61	1.51	27.70	19.02	1.68	25.98	18.43	1.87	24.23	17.83	2.09	2.09	22.43	17.22	2.34	20.58	16.59	2.64
	72 (22.2)	32.61	15.63	1.50	30.77	15.05	1.67	28.89	14.46	1.85	26.96	13.86	2.07	2.07	24.98	13.26	2.31	22.94	12.65	2.60
1020	57 (13.9)	27.33	27.33	1.53	26.06	26.06	1.70	24.74	24.74	1.89	23.37	23.37	2.11	2.11	21.93	21.93	2.36	20.43	20.43	2.65
	62 (16.7)	27.38	27.38	1.53	26.10	26.10	1.70	24.77	24.77	1.89	23.40	23.40	2.11	2.11	21.96	21.96	2.36	20.46	20.46	2.65
	63 (17.2)††	27.30	19.31	1.53	25.71	18.72	1.70	24.09	18.12	1.90	22.44	17.51	2.12	2.12	20.74	16.88	2.37	19.02	16.22	2.67
	67 (19.4)	29.63	20.25	1.52	27.93	19.66	1.69	26.19	19.07	1.88	24.41	18.46	2.10	2.10	22.59	17.84	2.35	20.73	17.19	2.64
	72 (22.2)	32.88	16.03	1.51	31.00	15.44	1.68	29.09	14.85	1.86	27.13	14.25	2.07	2.07	25.13	13.84	2.32	23.05	13.02	2.61

See notes on page 32



24APAZ7

24APA7

24APA736 Outdoor Section With CNPVP4821 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CNPH*4221A**	1.01	1.01	0.97	0.98	58CV(A)X090-16
CNPH*4821A**	1.02	1.01	0.99	0.97	58CV(A)X090-16
CNPV*3617A**	0.99	1.01	0.96	0.98	58CV(A)X090-16
CNPV*3717A**	1.03	1.02	1.00	0.98	58CV(A)X090-16
CNPV*4217A**	1.01	1.02	0.98	0.98	58CV(A)X090-16
CNPV*4221A**	1.00	1.02	0.97	0.97	58CV(A)X090-16
CNPV*4821A**	1.02	1.01	0.99	0.98	58CV(A)X090-16
CSPH*3612A**	1.02	1.02	0.99	0.98	58CV(A)X090-16
CSPH*4212A**	1.03	1.02	0.99	0.97	58CV(A)X110-20
CSPH*4821A**	1.01	1.01	0.97	0.98	58CV(A)X110-20
CNPV*3621A**	0.99	1.02	0.99	0.97	58CV(A)X110-20
CNPV*4821A**	1.02	1.01	0.99	0.97	58CV(A)X110-20
CSPH*3612A**	1.02	1.02	0.99	0.98	58CV(A)X110-20
CSPH*4212A**	1.03	1.02	0.99	0.98	58CV(A)X110-20
CSPH*4821A**	1.03	1.02	0.99	0.98	58CV(A)X110-20
CAP**4224A**	1.01	1.01	0.97	0.97	58CV(A)X135-22
CAP**4824A**	1.02	1.01	0.99	0.97	58CV(A)X135-22
CNPV*4821A**	1.02	1.01	0.99	0.96	58CV(A)X135-22
CNPV*4824A**	1.02	1.01	0.99	0.96	58CV(A)X135-22
CSPH*3612A**	1.02	1.01	0.99	0.98	58CV(A)X135-22
CSPH*4212A**	1.02	1.01	0.99	0.98	58CV(A)X135-22
CSPH*4812A**	1.03	1.01	0.99	0.97	58CV(A)X135-22
CAP**4224A**	1.01	0.99	0.97	0.96	58CV(A)X155-22
CAP**4824A**	1.02	1.00	0.99	0.96	58CV(A)X155-22
CNPV*3617A**	0.99	1.01	0.97	0.98	58CV(A)X155-22
CNPV*4824A**	1.03	1.00	0.99	0.96	58CV(A)X155-22
CSPH*3612A**	1.02	1.01	0.99	0.96	58CV(A)X155-22
CSPH*4212A**	1.03	1.00	0.99	0.97	58CV(A)X155-22
CSPH*4812A**	1.03	1.01	1.01	0.97	58CV(A)X155-22
CAP**3619A**	0.99	1.07	0.96	1.03	58HDV040--12
CAP**3619A**	0.97	1.05	0.93	0.96	58HDV040--12
CAP**4823A**	1.01	1.08	0.98	1.02	58HDV060--12
CAP**4823A**	1.00	1.04	0.97	0.97	58HDV060--12
CAP**3619A**	0.99	1.08	0.96	1.00	58HDV060--12
CAP**3619A**	0.97	1.01	0.93	0.93	58HDV060--12
CAP**4823A**	1.02	1.06	0.98	0.99	58HDV060--12
CAP**4823A**	1.00	1.02	0.97	0.94	58HDV060--12
CSPH*3612A**	1.02	1.06	0.97	1.00	58HDV060--12
CSPH*4212A**	1.03	1.07	0.98	0.99	58HDV060--12
CSPH*4812A**	1.03	1.07	0.99	1.00	58HDV060--12
CAP**4823A**	1.04	1.08	1.01	1.01	58HDV080--20
CAP**4823A**	1.03	1.03	1.00	0.96	58HDV080--20
CAP**6025A**	1.06	1.06	1.01	1.00	58HDV080--20
CAP**4224A**	1.02	1.03	0.99	0.99	58HDV100--20
CAP**6025A**	1.03	1.03	1.00	0.99	58HDV100--20
CNPV*4324A**	1.06	1.04	1.02	0.98	58HDV100--20
CNPV*4824A**	1.04	1.04	1.01	0.99	58HDV100--20
CAP**3617A**	1.00	1.02	0.99	1.01	58ME(B)C060-12
CAP**4817A**	1.04	1.04	1.02	1.01	58ME(B)C060-12

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CNPH*3617A**	0.99	1.03	0.99	1.02	58ME(B,C)060-12
CNPH*4221A**	1.01	1.03	1.00	1.02	58ME(B,C)060-12
CNPH*4821A**	1.03	1.03	1.02	1.01	58ME(B,C)060-12
CNPV*3617A**	0.99	1.03	0.99	1.02	58ME(B,C)060-12
CNPV*3717A**	1.04	1.04	1.03	1.01	58ME(B,C)060-12
CNPV*4821A**	1.02	1.03	1.01	1.01	58ME(B,C)060-12
CNPV*4821A**	1.03	1.03	0.99	0.97	58ME(B,C)060-12
CSPH*3612A**	1.03	1.03	0.99	0.97	58ME(B,C)060-12
CSPH*4812A**	1.04	1.03	1.00	0.97	58ME(B,C)060-12
CAP**3617A**	1.00	1.02	0.99	1.01	58ME(B,C)060-12
CAP**4817A**	1.04	1.04	1.02	1.02	58ME(B,C)060-12
CNPV*4217A**	1.02	1.02	1.00	1.00	58ME(B,C)060-12
CSPH*3612A**	1.02	1.02	1.01	1.01	58ME(B,C)060-12
CSPH*4212A**	1.03	1.03	0.99	0.97	58ME(B,C)060-12
CSPH*4812A**	1.04	1.03	1.02	1.01	58ME(B,C)060-12
CAP**3617A**	1.00	1.02	0.99	1.03	58ME(B,C)060-16
CAP**4817A**	1.04	1.04	1.02	1.02	58ME(B,C)060-16
CNPV*3617A**	0.99	1.03	0.99	1.03	58ME(B,C)060-16
CNPV*4217A**	1.01	1.03	1.00	1.03	58ME(B,C)060-16
CNPV*4821A**	1.03	1.03	1.02	1.02	58ME(B,C)060-16
CNPV*3617A**	0.99	1.03	0.99	1.03	58ME(B,C)060-16
CNPV*3717A**	1.04	1.04	1.03	1.02	58ME(B,C)060-16
CNPV*4217A**	1.02	1.03	1.01	1.03	58ME(B,C)060-16
CNPV*4821A**	1.03	1.03	1.02	1.02	58ME(B,C)060-16
CSPH*3612A**	1.03	1.03	1.01	1.02	58ME(B,C)060-16
CSPH*4212A**	1.03	1.03	1.02	1.02	58ME(B,C)060-16
CSPH*4812A**	1.04	1.03	1.03	1.03	58ME(B,C)060-16
CAP**3617A**	1.00	1.02	0.97	0.99	58MV(B,C)060-14
CAP**4817A**	1.03	1.03	1.00	0.98	58MV(B,C)060-14
CNPV*3617A**	0.99	1.03	0.97	0.99	58MV(B,C)060-14
CNPV*4217A**	1.01	1.03	0.98	0.99	58MV(B,C)060-14
CNPV*4821A**	0.99	1.03	0.97	0.99	58MV(B,C)060-14
CNPV*3717A**	1.04	1.03	1.01	0.98	58MV(B,C)060-14
CNPV*4217A**	1.02	1.03	0.99	0.99	58MV(B,C)060-14
CAP**4821A**	1.02	1.03	0.99	0.99	58MV(B,C)060-14
CNPV*4821A**	1.02	1.03	0.99	0.98	58MV(B,C)060-14
CNPV*4824A**	1.02	1.03	0.99	0.98	58MV(B,C)060-14
CSPH*4212A**	1.02	1.03	0.99	1.00	58MV(B,C)060-14
CSPH*4812A**	1.03	1.04	0.99	0.99	58MV(B,C)060-14
CAP**3621A**	0.99	1.03	0.97	0.99	58MV(B,C)060-20
CAP**4221A**	1.00	1.02	0.97	0.99	58MV(B,C)060-20
CAP**4821A**	1.02	1.02	0.98	0.98	58MV(B,C)060-20
CNPV*3617A**	0.99	1.03	0.96	0.99	58MV(B,C)060-20
CNPV*4221A**	1.00	1.02	0.97	0.99	58MV(B,C)060-20

DETAILED COOLING CAPACITIES# (CONTINUED)

24APA736 Outdoor Section With CNPVP4821 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CNPV*4217A**	1.00	1.04	0.97	0.98	OVMAAB042112
CNPV*4221A**	0.99	1.06	0.97	0.98	OVMAAB042112
CNPV*4821A**	1.01	1.03	0.98	0.96	OVMAAB042112
CSPH*3612A**	1.01	1.05	0.97	0.97	OVMAAB042112
CSPH*4212A**	1.01	1.03	0.98	0.97	OVMAAB042112
CSPH*4812A**	1.02	1.04	0.99	0.97	OVMAAB042112

See notes on page 32

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CAP**4817A**	1.02	1.02	0.99	0.98	58VMR105-12
CAP**4821A**	1.01	1.03	0.98	0.98	58VMR105-12
CNPV**3617A**	0.98	1.03	0.96	1.00	58VMR105-12
CNPV**3621A**	0.98	1.02	0.96	0.98	58VMR105-12
CNPV**3717A**	1.02	1.02	0.99	0.98	58VMR105-12
CNPV**4217A**	1.01	1.03	0.98	0.99	58VMR105-12
CNPV**4221A**	0.99	1.03	0.97	0.99	58VMR105-12
CAP**4821A**	1.01	1.02	0.99	0.98	58VMR105-12
CAP**4823A**	1.01	1.05	0.99	1.03	58VMR120-20
CAP**4821A**	1.02	1.04	1.00	1.03	58VMR120-20
CNPV**4221A**	1.04	1.06	1.00	1.04	58VMR120-20
CNPV**4821A**	1.04	1.04	1.02	1.02	58VMR120-20
CAP**3619A**	0.99	1.05	0.97	1.00	OVLAAB048112
CAP**3621A**	0.99	1.05	0.97	0.99	OVLAAB048112
CAP**4221A**	0.99	1.06	0.97	0.99	OVLAAB048112
CAP**4224A**	1.00	1.04	0.97	0.99	OVLAAB048112
CAP**4821A**	1.01	1.05	0.99	1.00	OVLAAB048112
CNPV**3617A**	0.98	1.07	0.96	1.01	OVLAAB048112
CNPV**4221A**	0.99	1.06	0.97	1.00	OVLAAB048112
CNPV**4321A**	1.03	1.05	1.00	0.99	OVLAAB048112
CNPV**4821A**	1.02	1.06	0.99	0.99	OVLAAB048112
CNPV**3621A**	0.98	1.07	0.96	1.01	OVLAAB048112
CNPV**4221A**	0.99	1.06	0.97	1.00	OVLAAB048112
CNPV**4324A**	1.03	1.06	1.00	0.98	OVLAAB048112
CNPV**4821A**	1.02	1.06	0.99	0.99	OVLAAB048112
CNPV**4824A**	1.02	1.06	0.99	0.99	OVLAAB048112
CSPH**3612A**	1.01	1.05	0.99	1.00	OVLAAB048112
CSPH**4212A**	1.02	1.06	0.99	0.99	OVLAAB048112
CAP**4224A**	1.02	1.04	0.99	0.99	OVLAAB048112
CAP**4824A**	1.04	1.06	1.01	0.99	OVLAAB060154
CNPV**3617A**	1.01	1.07	0.99	1.01	OVLAAB060154
CNPV**4221A**	1.02	1.06	0.99	1.00	OVLAAB060154
CNPV**4321A**	1.06	1.06	1.03	0.99	OVLAAB060154
CNPV**4821A**	1.04	1.06	1.01	0.99	OVLAAB060154
CNPV**4324A**	1.06	1.06	1.03	0.98	OVLAAB060154
CNPV**4824A**	1.04	1.06	1.01	0.99	OVLAAB060154
CSPH**3612A**	1.03	1.06	1.01	1.00	OVLAAB060154
CSPH**4212A**	1.04	1.07	1.01	1.00	OVLAAB060154
CSPH**4812A**	1.04	1.07	1.02	1.00	OVLAAB060154
CAP**3617A**	0.98	1.05	0.95	0.97	OVMAAB042112
CAP**3619A**	0.98	1.05	0.95	0.96	OVMAAB042112
CAP**3621A**	0.98	1.05	0.95	0.96	OVMAAB042112
CAP**4221A**	0.99	1.03	0.96	0.96	OVMAAB042112
CAP**4817A**	1.02	1.04	0.98	0.97	OVMAAB042112
CAP**4821A**	1.01	1.05	0.97	0.96	OVMAAB042112
CNPV**3617A**	0.98	1.04	0.95	0.98	OVMAAB042112
CNPV**4221A**	0.99	1.06	0.97	0.98	OVMAAB042112
CNPV**4321A**	1.02	1.05	0.99	0.96	OVMAAB042112
CNPV**4821A**	1.01	1.03	0.98	0.96	OVMAAB042112
CNPV**3617A**	0.98	1.04	0.95	0.98	OVMAAB042112
CNPV**3621A**	0.98	1.05	0.95	0.98	OVMAAB042112
CNPV**3717A**	1.02	1.05	0.99	0.96	OVMAAB042112

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CNPH*4821A**	1.02	1.02	0.99	0.98	58MV(B/C)080-20
CNPV*3621A**	0.99	1.02	0.96	0.99	58MV(B/C)080-20
CNPV*4221A**	1.00	1.03	0.97	0.99	58MV(B/C)080-20
CNPV*4821A**	1.02	1.02	0.99	0.98	58MV(B/C)080-20
CNPV*4824A**	1.02	1.02	0.99	0.99	58MV(B/C)080-20
CSPH*3612A**	1.02	1.02	0.99	0.99	58MV(B/C)080-20
CSPH*4212A**	1.02	1.02	0.99	0.98	58MV(B/C)080-20
CNPV*3617A**	0.99	1.03	0.97	1.01	58MV(B/C)100-20
CNPV*4821A**	1.01	1.02	0.97	1.00	58MV(B/C)100-20
CNPV*4824A**	1.02	1.01	0.99	0.98	58MV(B/C)100-20
CSPH*3612A**	1.02	1.03	0.99	1.00	58MV(B/C)100-20
CSPH*4212A**	1.03	1.03	0.99	1.00	58MV(B/C)100-20
CSPH*4812A**	1.03	1.03	1.00	1.00	58MV(B/C)100-20
CAP*4224A**	1.01	1.01	0.97	0.97	58MV(B/C)120-20
CNPV*3617A**	0.99	1.02	0.97	0.99	58MV(B/C)120-20
CNPV*4821A**	1.02	1.01	0.99	0.97	58MV(B/C)120-20
CNPV*4824A**	1.02	1.01	0.99	0.97	58MV(B/C)120-20
CSPH*3612A**	1.02	1.02	0.99	0.98	58MV(B/C)120-20
CSPH*4212A**	1.02	1.01	0.99	0.98	58MV(B/C)120-20
CSPH*4812A**	1.03	1.01	0.99	0.97	58MV(B/C)120-20
CAP*3621A**	1.01	1.01	0.99	1.01	58PH*090-16
CAP*4221A**	1.01	1.01	0.99	1.01	58PH*090-16
CNPV*3617A**	0.99	1.02	0.98	1.02	58PH*090-16
CNPV*4221A**	1.01	1.02	0.99	1.02	58PH*090-16
CNPV*3621A**	1.00	1.02	0.98	1.02	58PH*090-16
CSPH*3612A**	1.03	1.02	1.01	1.02	58PH*090-16
CSPH*4212A**	1.03	1.02	1.01	1.02	58PH*090-16
CSPH*4812A**	1.04	1.02	1.02	1.02	58PH*090-16
CAP*3617A**	1.00	1.04	0.98	1.01	58VLR105-12
CAP*3621A**	1.00	1.04	0.98	1.01	58VLR105-12
CAP*4221A**	1.01	1.05	0.99	1.01	58VLR105-12
CAP*4817A**	1.03	1.04	1.00	1.00	58VLR105-12
CAP*4821A**	1.02	1.04	0.99	1.00	58VLR105-12
CNPV*3617A**	0.99	1.04	0.97	1.02	58VLR105-12
CNPV*3621A**	0.99	1.04	0.97	1.02	58VLR105-12
CNPV*3717A**	1.04	1.04	1.01	1.01	58VLR105-12
CNPV*4217A**	1.02	1.06	0.99	1.01	58VLR105-12
CNPV*4221A**	1.01	1.04	0.99	1.02	58VLR105-12
CNPV*4821A**	1.03	1.04	1.00	1.00	58VLR105-12
CAP*3621A**	1.01	1.05	1.00	1.01	58VLR120-20
CAP*4221A**	1.02	1.04	1.01	1.01	58VLR120-20
CNPV*4821A**	1.02	1.05	1.01	1.02	58VLR120-20
CNPV*4217A**	0.99	1.04	0.97	1.02	58VLR120-20
CAP*3617A**	0.99	1.02	0.96	0.98	58VMR105-12
CAP*3621A**	0.99	1.03	0.97	0.98	58VMR105-12
CAP*4221A**	0.99	1.03	0.97	0.98	58VMR105-12

DETAILED COOLING CAPACITIES# (CONTINUED)

EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)											
CFM	EWB ° F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)			
		Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**		
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†		
1100	57 (13.9)	44.11	44.11	2.98	42.88	42.88	3.26	41.49	41.49	3.57	39.91	39.91	3.91		
	62 (16.7)	47.19	37.81	3.01	45.48	36.75	3.29	43.59	35.65	3.59	41.47	34.47	3.92		
	63 (17.2)††	48.16	31.42	3.01	46.41	30.39	3.30	44.46	29.30	3.60	42.27	28.15	3.93		
	67 (19.4)	52.08	32.59	3.05	50.18	31.55	3.33	48.05	30.44	3.64	45.85	29.25	3.97		
	72 (22.2)	57.49	27.28	3.10	55.36	26.24	3.38	52.80	25.07	3.68	50.34	23.98	4.02		
1225	57 (13.9)	45.88	45.88	3.06	44.56	44.56	3.35	43.06	43.06	3.66	41.36	41.36	3.99		
	62 (16.7)	48.28	39.97	3.09	46.49	38.89	3.37	44.50	37.75	3.67	42.31	36.53	4.00		
	63 (17.2)††	49.24	32.90	3.09	47.38	31.84	3.37	45.32	30.72	3.68	43.02	29.53	4.01		
	67 (19.4)	53.21	34.17	3.13	51.18	33.08	3.41	48.95	31.95	3.71	46.45	30.74	4.05		
	72 (22.2)	58.71	28.28	3.18	56.43	27.20	3.46	53.95	26.08	3.77	51.17	24.89	4.10		
1400	57 (13.9)	48.10	48.10	3.15	46.66	46.66	3.43	45.03	45.03	3.74	43.17	43.17	4.07		
	62 (16.7)	49.64	42.97	3.16	47.76	41.83	3.44	45.70	40.63	3.75	43.44	39.31	4.08		
	63 (17.2)††	50.51	34.94	3.17	48.55	33.85	3.45	46.35	32.69	3.75	43.94	31.47	4.08		
	67 (19.4)	54.55	36.35	3.21	52.38	35.23	3.49	50.03	34.06	3.79	47.39	32.82	4.12		
	72 (22.2)	60.12	29.67	3.26	57.73	28.57	3.54	55.08	27.41	3.84	52.04	26.15	4.17		
1600	57 (13.9)	50.24	50.24	3.24	48.67	48.67	3.52	46.90	46.90	3.83	44.88	44.88	4.16		
	62 (16.7)	50.97	46.17	3.25	49.03	44.96	3.53	46.92	46.83	3.83	44.95	44.95	4.17		
	63 (17.2)††	51.64	37.15	3.25	49.57	36.02	3.53	47.27	34.82	3.83	44.74	33.58	4.16		
	67 (19.4)	55.73	38.71	3.29	53.45	37.55	3.57	50.96	36.35	3.87	48.22	35.09	4.20		
	72 (22.2)	61.38	31.16	3.34	58.85	30.03	3.62	56.08	28.84	3.92	53.02	27.59	4.26		
EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)											
CFM	EWB ° F (°C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)			
		Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**	Capacity MBtuh	Total Sys. KW**		
880	57 (13.9)	32.76	32.76	2.04	31.62	31.62	2.30	30.36	30.36	2.59	28.98	28.98	2.91		
	62 (16.7)	34.58	28.44	2.04	33.05	27.76	2.29	31.40	27.03	2.58	29.61	26.24	2.90		
	63 (17.2)††	35.34	23.42	2.03	33.77	22.73	2.29	32.06	22.00	2.57	30.21	21.21	2.90		
	67 (19.4)	38.47	24.43	2.02	36.75	23.73	2.27	34.90	22.99	2.55	32.88	22.19	2.87		
	72 (22.2)	42.82	20.36	2.01	40.90	19.65	2.25	38.84	18.90	2.53	36.60	18.09	2.83		
1050	57 (13.9)	35.07	35.07	2.06	33.79	33.79	2.32	32.38	32.38	2.60	30.84	30.84	2.91		
	62 (16.7)	35.99	31.46	2.06	34.36	30.73	2.31	32.63	29.95	2.59	30.89	30.89	2.91		
	63 (17.2)††	36.67	25.49	2.06	34.97	24.78	2.31	33.13	24.01	2.59	31.15	23.20	2.91		
	67 (19.4)	39.88	26.65	2.05	38.02	25.92	2.29	36.02	25.15	2.57	33.87	24.32	2.88		
	72 (22.2)	44.36	21.79	2.04	42.29	21.05	2.28	40.06	20.27	2.55	37.53	19.39	2.85		
1145	57 (13.9)	36.17	36.17	2.07	34.81	34.81	2.32	33.33	33.33	2.60	31.71	31.71	2.92		
	62 (16.7)	36.66	33.05	2.07	35.02	32.29	2.32	33.39	33.39	2.60	31.77	29.93	2.93		
	63 (17.2)††	37.25	26.59	2.07	35.49	25.86	2.32	33.60	25.09	2.60	31.56	24.26	2.92		
	67 (19.4)	40.49	27.83	2.06	38.57	27.09	2.31	36.51	26.30	2.58	34.29	25.47	2.90		
	72 (22.2)	45.02	22.54	2.05	42.89	21.79	2.29	40.58	20.99	2.56	38.01	20.11	2.86		
1250	57 (13.9)	37.25	37.25	2.09	35.82	35.82	2.34	34.27	34.27	2.61	32.57	32.57	2.93		
	62 (16.7)	37.39	34.70	2.09	35.88	35.88	2.34	34.32	34.32	2.61	32.62	32.62	2.93		
	63 (17.2)††	37.79	27.77	2.09	35.98	27.03	2.34	34.04	26.24	2.62	31.95	25.40	2.94		
	67 (19.4)	41.06	29.09	2.08	39.08	28.33	2.32	36.97	27.54	2.60	34.69	26.69	2.91		
	72 (22.2)	45.64	23.33	2.07	43.43	22.57	2.31	41.06	21.76	2.57	38.51	20.90	2.88		

See notes on page 32

DETAILED COOLING CAPACITIES# (CONTINUED)

24APA748 Outdoor Section With CNPVP4821 Indoor Section

24APA748 Outdoor Section With CNPVP4821 Indoor Section							24APA7											
Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	High Speed Cap.	Cooling Indoor Model	Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Cooling Indoor Model	Furnace Model					
*CNPV*6124A**	1.00	1.00	1.00	1.00	1.00	58MV(B,C)100-20	CAP**6025A**	0.94	1.02	0.95	0.94	58HDV100--20	CNPV*6124A**	1.00	0.99	1.00	0.97	58MV(B,C)120-20
CAP**4817A**	0.95	1.05	0.95	1.05			CAP**6025A**	0.92	0.98	0.98	0.93	58HDV100--20	CNPV*6024A**	0.97	1.00	0.96	0.94	58MV(B,C)120-20
CAP**4821A**	0.96	1.06	0.94	1.05			CNPV*4824A**	0.98	1.00	0.99	0.98	58HDV100--20	CNPV*6124A**	1.01	0.98	1.01	0.96	58MV(B,C)120-20
CAP**4823A**	0.92	1.03	0.93	1.04			CNPV*6024A**	0.97	1.00	0.98	0.95	58HDV100--20	CSPH*6012A**	0.97	0.99	0.98	0.94	58MV(B,C)120-20
CAP**4824A**	0.94	1.03	0.93	1.04			CNPV*6124A**	1.02	1.00	1.02	0.98	58HDV100--20	CAP**4824A**	0.95	1.00	0.95	0.93	58PH*090-16
CAP**6021A**	0.96	1.03	0.95	1.05			CSPH*4812A**	0.96	1.01	0.96	0.95	58HDV100--20	CAP**6021A**	0.97	1.00	0.96	0.93	58PH*090-16
CAP**6025A**	0.94	1.03	0.93	1.03			CSPH*6012A**	0.98	1.02	0.98	0.95	58HDV100--20	CNPH*4821A**	0.95	1.00	0.96	0.94	58PH*090-16
CNPV*4821A**	0.94	1.03	0.94	1.04			CAP**4821A**	0.95	1.02	0.95	0.95	58ME(B,C)080-16	CNPV*6124A**	1.01	0.99	1.00	0.97	58PH*090-16
CNPV*6024A**	0.96	1.04	0.95	1.05			CNPV*4821A**	0.95	1.01	0.94	0.92	58ME(B,C)080-16	CNPV*6124A**	1.02	0.99	1.02	0.97	58PH*110-20
CNPV*4821A**	0.94	1.03	0.94	1.04			CNPV*6024A**	0.97	1.02	0.96	0.94	58ME(B,C)080-16	CSPH*4812A**	0.96	1.01	0.96	0.94	58PH*090-16
CNPV*4821A**	0.94	1.03	0.94	1.04			CNPV*6124A**	1.01	1.01	0.99	0.96	58ME(B,C)080-16	CSPH*6012A**	0.98	1.00	0.98	0.93	58PH*090-16
CNPV*4824A**	0.94	1.03	0.94	1.04			CNPV*4821A**	0.95	1.01	0.96	0.96	58ME(B,C)080-16	CAP**4824A**	0.95	0.99	0.95	0.93	58PH*110-20
CNPV*6024A**	0.96	1.04	0.95	1.05			CSPH*4812A**	0.96	1.02	0.96	0.95	58ME(B,C)080-16	CAP**6024A**	0.95	0.98	0.96	0.94	58PH*110-20
CNPV*6124A**	0.97	1.03	0.96	1.05			CNPV*6012A**	0.98	1.03	0.98	0.95	58ME(B,C)080-16	CAP**6021A**	0.97	0.98	0.96	0.93	58PH*110-20
CSPH*4812A**	0.95	1.03	0.95	1.05			CAP**4821A**	0.95	1.00	0.95	0.93	58ME(B,C)100-20	CNPV*4821A**	0.97	0.98	0.98	0.94	58PH*110-20
CSPH*6012A**	0.97	1.04	0.96	1.05			CAP**4824A**	0.95	0.99	0.95	0.92	58ME(B,C)100-20	CNPV*4821A**	0.96	0.99	0.96	0.94	58PH*110-20
FE4AN(B,F)005	0.97	0.98	0.98	0.93			CAP**6024A**	0.97	0.99	0.96	0.92	58ME(B,C)100-20	CNPV*6024A**	0.97	0.98	0.98	0.93	58PH*110-20
FE4AN(B,F)005	0.99	0.98	0.99	0.91			CNPV*4821A**	0.95	0.99	0.95	0.92	58ME(B,C)100-20	CNPV*6124A**	1.01	0.97	1.01	0.97	58PH*110-20
FV4CN(B,F)005	0.97	0.98	0.98	0.93			CNPV*6024A**	0.97	0.99	0.96	0.92	58ME(B,C)100-20	CNPV*4821A**	0.95	0.98	0.96	0.94	58PH*110-20
FV4CN(B,F)005	0.99	0.98	0.99	0.91			CNPV*6124A**	1.01	0.98	1.00	0.95	58ME(B,C)100-20	CNPV*4824A**	0.96	0.99	0.96	0.94	58PH*110-20
CAP**4817A**	0.95	1.00	0.95	0.94			CNPV*4821A**	0.96	1.00	0.95	0.92	58ME(B,C)100-20	CNPV*6024A**	0.97	0.98	0.98	0.93	58PH*110-20
CNPV*4821A**	0.95	0.96	0.96	0.95			CNPV*4824A**	0.96	1.00	0.95	0.92	58ME(B,C)100-20	CNPV*6024A**	0.97	0.98	0.98	0.93	58PH*110-20
CSPH*4812A**	0.95	1.00	0.95	0.96			CNPV*6024A**	0.96	1.00	0.95	0.92	58ME(B,C)100-20	CNPV*6024A**	0.97	0.98	0.98	0.93	58PH*110-20
CSPH*6012A**	0.97	1.00	0.96	0.93			CNPV*6124A**	1.02	0.98	1.01	0.95	58ME(B,C)100-20	CNPV*6024A**	0.98	0.99	0.98	0.93	58PH*110-20
CAP**6021A**	0.95	1.00	0.95	0.94			CNPV*4812A**	0.96	0.99	0.95	0.92	58ME(B,C)100-20	CNPV*6024A**	0.97	0.99	0.98	0.96	58PH*135-20
CAP**4821A**	0.97	1.00	0.96	0.94			CSPH*6012A**	0.98	1.00	0.98	0.92	58ME(B,C)100-20	CNPV*6024A**	0.97	0.99	0.99	0.97	58PH*135-20
CAP**6024A**	0.97	1.00	0.96	0.94			CAP**4824A**	0.96	0.99	0.98	0.96	58ME(B,C)120-20	CNPV*6124A**	1.01	0.99	1.02	1.01	58PH*135-20
CNPV*6024A**	0.95	1.00	0.95	0.94			CAP**6024A**	0.98	1.00	0.99	0.96	58ME(B,C)120-20	CNPV*4824A**	0.95	0.99	0.98	0.97	58PH*135-20
CNPV*4821A**	1.00	0.98	1.00	0.97			CNPV*4821A**	0.96	0.99	0.98	0.96	58ME(B,C)120-20	CNPV*6024A**	0.97	0.99	0.99	0.97	58PH*135-20
CNPV*4821A**	0.95	1.00	0.95	0.92			CNPV*6024A**	0.98	1.00	0.99	0.95	58ME(B,C)120-20	CNPV*6124A**	1.02	0.98	1.00	0.96	58PH*135-20
CNPV*4824A**	0.95	1.00	0.95	0.94			CNPV*6124A**	1.01	0.97	1.02	0.99	58ME(B,C)120-20	CSPH*4812A**	0.96	1.00	0.98	0.97	58PH*135-20
CNPV*6024A**	0.97	0.99	0.96	0.93			CNPV*4824A**	0.96	0.99	0.98	0.96	58ME(B,C)120-20	CSPH*6012A**	0.98	1.00	0.99	0.96	58PH*135-20
CNPV*6124A**	1.01	0.98	1.00	0.96			CNPV*4824A**	0.96	0.99	0.98	0.96	58ME(B,C)120-20	CNPV*6024A**	0.98	1.00	0.99	0.96	58PH*135-20
CNPV*4821A**	0.95	0.98	0.95	0.92			CNPV*4821A**	0.94	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6124A**	0.96	0.94	1.02	0.98	58VLR120-20
CNPV*4824A**	0.95	0.98	0.95	0.92			CNPV*4821A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CAP**4821A**	0.94	1.03	0.95	0.96	58VLR120-20
CNPV*6024A**	0.97	0.98	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.94	58MV(B,C)080-20	CAP**4824A**	0.94	1.02	0.95	0.96	58VLR120-20
CNPV*6124A**	1.01	0.97	1.01	0.94			CNPV*4821A**	0.94	1.00	0.95	0.94	58MV(B,C)080-20	CNPV*4821A**	0.94	1.02	0.95	0.95	58VLR120-20
CSPH*6012A**	0.96	0.99	0.96	0.92			CNPV*6024A**	0.96	1.01	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*6124A**	0.97	0.98	0.96	0.92			CNPV*4821A**	0.94	1.01	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*624A**	0.98	0.99	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*642A**	0.99	1.00	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*662A**	1.00	1.01	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*682A**	1.01	1.02	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*702A**	1.02	1.03	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*722A**	1.03	1.04	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*742A**	1.04	1.05	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*762A**	1.05	1.06	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*782A**	1.06	1.07	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*802A**	1.07	1.08	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*822A**	1.08	1.09	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*842A**	1.09	1.10	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*862A**	1.10	1.11	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*882A**	1.11	1.12	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*902A**	1.12	1.13	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*922A**	1.13	1.14	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*942A**	1.14	1.15	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*962A**	1.15	1.16	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*982A**	1.16	1.17	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*1002A**	1.17	1.18	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*1022A**	1.18	1.19	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*1042A**	1.19	1.20	0.96	0.92			CNPV*4821A**	0.94	1.00	0.94	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20
CSPH*1062A**	1.20	1.21	0.96	0.92			CNPV*6024A**	0.96	1.00	0.95	0.95	58MV(B,C)080-20	CNPV*6024A**	0.96	1.01	0.98	0.95	58VLR120-20

DETAILED COOLING CAPACITIES# (CONTINUED)

24APA748 Outdoor Section With CNPVP4821 Indoor Section

Cooling Indoor Model	High Speed Cap.	Power	Low Speed Cap.	Power	Furnace Model
CNPH*6024A**	0.98	1.03	0.98	0.99	OVLAAAB048112
CNPH*6124A**	0.98	1.03	0.99	1.01	OVLAAAB048112
CNPV*4821A**	0.96	1.04	0.98	1.01	OVLAAAB048112
CNPV*4824A**	0.96	1.04	0.98	1.01	OVLAAAB048112
CNPV*6024A**	0.98	1.03	0.98	0.99	OVLAAAB048112
CNPV*6124A**	0.99	1.03	1.00	1.00	OVLAAAB048112
CSPH*4812A**	0.97	1.05	0.98	1.01	OVLAAAB048112
CSPH*6012A**	0.98	1.02	0.99	1.00	OVLAAAB048112
CAP**4824A**	0.97	0.98	0.98	0.96	OVLAAAB060154
CAP**6024A**	0.99	0.99	0.99	0.96	OVLAAAB060154
CAP**6025A**	0.99	0.99	0.99	0.96	OVLAAAB060154
CNPH*4821A**	0.97	0.98	0.98	0.95	OVLAAAB060154
CNPH*6024A**	0.99	0.99	0.99	0.95	OVLAAAB060154
CNPH*6124A**	0.99	0.99	0.99	0.95	OVLAAAB060154
CNPV*4824A**	0.97	0.98	0.98	0.95	OVLAAAB060154
CNPV*6024A**	0.99	0.99	0.99	0.95	OVLAAAB060154
CNPV*6124A**	1.00	0.98	1.00	0.94	OVLAAAB060154
CSPH*4812A**	0.98	1.00	0.99	0.97	OVLAAAB060154
CSPH*6012A**	0.99	0.99	1.00	0.96	OVLAAAB060154

See notes on page 32

DETAILED COOLING CAPACITIES# (CONTINUED)

EVAPORATOR AIR				CONDENSER ENTERING AIR TEMPERATURES °F (°C)															
CFM	EWB °F (°C)	75 (23.9)		85 (29.4)		95 (35)			105 (40.6)			115 (46.1)			125 (51.7)				
		Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**				
		Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†		
1500	57 (13.9)	54.27	54.27	3.61	52.74	52.74	3.98	50.95	50.95	4.38	49.05	49.05	4.82	46.81	46.81	5.30	44.25	44.25	5.83
	62 (16.7)	57.18	48.11	3.64	47.35	55.08	47.35	4.01	52.75	46.48	4.40	50.22	45.51	4.83	47.39	44.39	5.31	44.31	5.84
	63 (17.2)††	58.34	39.49	3.65	38.66	60.17	38.66	4.02	53.77	37.73	4.41	50.96	36.64	4.84	48.16	35.56	5.32	44.84	5.84
	67 (19.4)	63.05	41.02	3.70	40.18	60.68	40.18	4.07	58.06	39.24	4.47	55.17	38.22	4.90	51.93	37.06	5.38	48.34	5.90
	72 (22.2)	69.52	33.78	3.78	32.88	66.88	32.88	4.15	63.98	31.88	4.55	60.75	30.78	4.98	57.17	29.57	5.46	53.18	5.99
1710	57 (13.9)	56.76	56.76	3.70	55.08	55.08	4.07	53.17	53.17	4.47	51.02	51.02	4.91	48.63	48.63	5.40	45.87	45.87	5.93
	62 (16.7)	58.63	51.57	3.72	50.77	56.42	50.77	4.09	54.01	49.87	4.48	51.39	48.81	4.92	48.70	45.93	5.40	45.93	5.93
	63 (17.2)††	59.71	41.82	3.73	40.98	57.41	40.98	4.10	54.85	40.03	4.49	52.06	38.99	4.93	48.95	37.84	5.40	45.51	5.92
	67 (19.4)	64.47	43.51	3.79	42.66	61.97	42.66	4.16	59.19	41.71	4.55	56.13	40.67	4.98	52.75	39.51	5.46	48.99	5.98
	72 (22.2)	71.04	35.32	3.87	32.22	68.25	34.40	4.23	65.17	33.38	4.63	61.79	32.27	5.07	58.01	31.02	5.54	53.89	6.07
1835	57 (13.9)	58.06	58.06	3.76	56.29	56.29	4.13	54.30	54.30	4.53	52.08	52.08	4.97	49.55	49.55	5.45	46.68	46.68	5.98
	62 (16.7)	59.38	53.53	3.77	57.14	52.72	4.14	54.70	51.76	4.53	52.14	52.14	4.97	49.58	49.58	5.45	46.74	46.74	5.98
	63 (17.2)††	60.37	43.15	3.78	42.29	58.00	42.29	4.15	55.37	41.34	4.54	52.51	40.30	4.97	49.24	39.10	5.44	45.83	5.96
	67 (19.4)	65.16	44.93	3.84	44.07	62.57	44.07	4.20	59.71	43.12	4.60	56.59	42.08	5.03	53.13	40.91	5.50	49.31	6.03
	72 (22.2)	71.76	36.19	3.92	35.26	68.89	35.26	4.28	65.74	34.24	4.68	62.28	33.12	5.11	58.42	31.86	5.59	54.21	6.11
2000	57 (13.9)	59.59	59.59	3.83	57.72	57.72	4.20	55.62	55.62	4.60	53.28	53.28	5.04	50.62	50.62	5.52	47.63	47.63	6.05
	62 (16.7)	60.30	55.99	3.83	58.01	55.08	4.20	55.69	55.69	4.60	53.35	53.35	5.04	50.69	50.69	5.52	47.68	47.68	6.05
	63 (17.2)††	61.09	44.84	3.84	43.97	58.64	43.97	4.21	55.94	43.02	4.60	53.00	41.98	5.03	49.50	40.70	5.50	46.17	6.02
	67 (19.4)	65.91	46.75	3.90	45.88	63.22	45.88	4.26	60.31	44.93	4.66	57.09	43.89	5.09	53.55	42.72	5.56	49.66	6.09
	72 (22.2)	72.57	37.29	3.98	36.36	69.61	36.36	4.34	66.35	35.32	4.74	62.79	34.19	5.17	58.84	32.94	5.65	54.49	6.17
CONDENSER ENTERING AIR TEMPERATURES °F (°C)																			
EVAPORATOR AIR		75 (23.9)		85 (29.4)		95 (35)			105 (40.6)			115 (46.1)			125 (51.7)				
		Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**	Capacity MBTuh	Total Sys. KW**				
CFM	EWB °F (°C)	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†		
1100	57 (13.9)	49.86	23.91	2.40	47.66	23.10	2.70	45.29	22.25	3.03	42.73	21.34	3.41	39.96	20.38	3.85	36.97	19.36	4.36
	62 (16.7)	44.89	28.95	2.41	42.92	28.16	2.72	40.78	27.32	3.06	38.45	26.41	3.45	35.95	25.45	3.90	33.27	24.43	4.42
	63 (17.2)††	41.27	27.74	2.43	39.43	26.95	2.74	37.48	26.12	3.09	35.35	25.23	3.48	33.05	24.28	3.94	30.59	23.28	4.47
	67 (19.4)	40.39	33.88	2.43	38.64	33.10	2.74	36.73	32.25	3.09	34.69	31.33	3.49	32.55	32.36	3.95	30.57	30.57	4.47
	72 (22.2)	38.60	38.60	2.44	37.27	37.27	2.75	35.79	35.79	3.10	34.18	34.18	3.49	32.43	32.43	3.95	30.51	30.51	4.47
1250	57 (13.9)	51.05	25.10	2.43	48.73	24.28	2.72	46.25	23.41	3.05	43.54	22.47	3.43	40.66	21.49	3.87	37.55	20.44	4.38
	62 (16.7)	46.00	30.83	2.44	43.91	30.02	2.74	41.67	29.15	3.08	39.23	28.22	3.47	36.62	27.24	3.91	33.83	26.20	4.44
	63 (17.2)††	42.33	29.50	2.45	40.40	28.69	2.76	38.35	27.84	3.11	36.05	26.90	3.50	33.72	25.95	3.96	31.15	24.92	4.49
	67 (19.4)	41.54	36.44	2.45	39.68	35.60	2.76	37.75	34.70	3.11	35.78	35.78	3.50	33.89	33.89	3.95	31.81	31.81	4.47
	72 (22.2)	40.50	40.50	2.46	39.05	39.05	2.77	37.46	37.46	3.11	35.73	35.73	3.50	33.84	33.84	3.95	31.76	31.76	4.47
1400	57 (13.9)	51.99	26.23	2.45	49.57	25.39	2.75	46.98	24.50	3.08	44.19	23.56	3.45	41.20	22.55	3.89	37.99	21.49	4.40
	62 (16.7)	46.87	32.63	2.46	44.69	31.80	2.76	42.36	30.92	3.10	39.84	29.97	3.49	37.15	28.97	3.93	34.27	27.90	4.45
	63 (17.2)††	43.18	31.19	2.47	41.18	30.37	2.78	39.04	29.50	3.13	36.72	28.56	3.52	34.24	27.56	3.98	31.59	26.49	4.51
	67 (19.4)	42.54	38.84	2.48	40.71	40.48	2.78	38.96	38.96	3.13	37.09	37.09	3.51	35.06	35.06	3.96	32.84	32.84	4.48
	72 (22.2)	42.13	42.13	2.48	40.58	40.58	2.78	38.89	38.89	3.13	37.02	37.02	3.51	35.01	35.01	3.96	32.80	32.80	4.48
1500	57 (13.9)	52.50	26.95	2.47	50.03	26.11	2.76	47.39	25.21	3.09	44.54	24.25	3.47	41.49	23.24	3.90	38.22	22.17	4.41
	62 (16.7)	47.35	33.80	2.48	45.12	32.96	2.78	42.74	32.06	3.12	40.18	31.10	3.50	37.44	30.08	3.95	34.52	28.99	4.47
	63 (17.2)††	43.66	32.29	2.49	41.61	31.45	2.80	39.42	30.56	3.14	37.05	29.60	3.53	34.53	28.59	3.99	31.85	27.50	4.52
	67 (19.4)	43.23	43.01	2.49	41.55	41.55	2.80	39.79	39.79	3.14	37.85	37.85	3.52	35.74	35.74	3.97	33.45	33.45	4.48
	72 (22.2)	43.11	43.11	2.49	41.49	41.49	2.80	39.73	39.73	3.14	37.79	37.79	3.52	35.69	35.69	3.97	33.40	33.40	4.48

24APAZ7

DETAILED COOLING CAPACITIES# (CONTINUED)

24APA7

24APA760 Outdoor Section With CNPVP4821 Indoor Section

Cooling Indoor Model				High Speed Cap.	Power	Low Speed Cap.	Power	High Speed Cap.	Cooling Indoor Model	Low Speed Cap.	Power	Furnace Model
*CNPV*6124A**				1.00	1.00	1.00	1.00					58PH*110-20
CAP**6021A**				0.99	1.02	0.99	1.12					
CAP**6024A**				0.99	1.02	0.99	1.12					
CAP**6025A**				0.97	1.06	0.98	1.14					
CNPV*6024A**				0.99	1.02	0.99	1.12					
CNPV*6124A**				1.00	1.02	1.00	1.12					
CNPV*6024A**				0.99	1.02	0.99	1.12					
CNPV*6124A**				1.01	1.02	1.01	1.13					
CSPH*6012A**				1.00	1.02	1.00	1.12					
FE4ANB06				1.01	0.98	1.02	1.00					
FV4CNB06				1.01	0.98	1.02	1.00					
CAP**6021A**				0.99	1.01	1.00	1.04					58CV(A,X)110-20
CNPV*6024A**				0.99	1.01	1.00	1.03					58CV(A,X)110-20
CNPV*6124A**				0.99	1.01	1.01	1.05					58CV(A,X)110-20
CNPV*6024A**				0.99	1.01	1.00	1.03					58CV(A,X)110-20
CNPV*6124A**				1.00	1.00	1.02	1.03					58CV(A,X)110-20
CSPH*6012A**				0.99	1.00	1.01	1.03					58CV(A,X)110-20
CAP**6024A**				0.99	0.99	1.00	1.02					58CV(A,X)135-22
CNPV*6024A**				0.99	0.99	1.00	1.01					58CV(A,X)135-22
CNPV*6124A**				1.00	1.00	1.01	1.03					58CV(A,X)135-22
CNPV*6024A**				0.99	0.99	1.01	1.01					58CV(A,X)155-22
CNPV*6124A**				1.00	0.98	1.01	1.01					58CV(A,X)155-22
CNPV*6024A**				1.00	0.98	1.01	1.02					58CV(A,X)155-22
CNPV*6124A**				1.01	0.98	1.01	1.01					58CV(A,X)155-22
CSPH*6012A**				1.01	0.98	1.01	1.01					58CV(A,X)155-22
CAP**6021A**				0.99	1.02	0.99	1.12					
CAP**6024A**				0.99	1.02	0.99	1.12					
CAP**6025A**				0.97	1.06	0.98	1.14					
CNPV*6024A**				0.99	1.04	1.03	1.05					58HDV100-20
CNPV*6124A**				1.00	1.04	1.03	1.05					58HDV100-20
CAP**6024A**				0.99	1.00	0.99	1.00					58ME(B,C)100-20
CNPV*6024A**				0.99	0.99	1.00	1.01					58ME(B,C)100-20
CNPV*6124A**				1.00	0.99	1.00	1.01					58ME(B,C)100-20
CNPV*6024A**				0.99	0.99	1.00	1.01					58ME(B,C)100-20
CNPV*6124A**				1.00	0.99	1.01	1.00					58ME(B,C)100-20
CSPH*6012A**				0.99	0.98	1.00	1.00					58ME(B,C)100-20
CAP**6024A**				0.99	0.99	1.00	1.00					58ME(B,C)120-20
CNPV*6024A**				0.99	0.98	1.00	1.00					58ME(B,C)120-20
CNPV*6124A**				1.00	0.98	1.00	1.00					58ME(B,C)120-20
CSPH*6012A**				1.00	0.98	1.00	0.99					58ME(B,C)120-20
CAP**6021A**				0.98	1.06	0.99	1.05					58MV(B,C)080-20
CSPH*6012A**				0.98	1.05	1.00	1.04					58MV(B,C)080-20
CAP**6021A**				0.98	1.04	1.00	1.08					58MV(B,C)100-20
CNPV*6024A**				0.97	1.03	1.00	1.07					58MV(B,C)100-20
CNPV*6124A**				0.98	1.04	1.01	1.09					58MV(B,C)100-20
CNPV*6024A**				0.97	1.03	1.00	1.07					58MV(B,C)100-20
CNPV*6124A**				0.99	1.03	1.01	1.07					58MV(B,C)100-20
CSPH*6012A**				0.98	1.03	1.01	1.08					58MV(B,C)100-20
CAP**6024A**				0.98	1.01	1.00	1.05					58MV(B,C)120-20
CNPV*6024A**				0.98	1.01	1.00	1.04					58MV(B,C)120-20
CNPV*6124A**				0.99	1.02	1.01	1.06					58MV(B,C)120-20
CNPV*6024A**				0.98	1.01	1.00	1.04					58MV(B,C)120-20
CSPH*6012A**				0.99	1.01	1.00	1.05					58VLR120-20
CAP**6021A**				0.97	1.06	1.00	1.06					58VLR120-20
CAP**6024A**				0.98	1.05	1.00	1.06					58VLR120-20
CNPV*6024A**				0.97	1.04	1.00	1.05					58VLR120-20
CNPV*6124A**				1.00	1.04	1.01	1.05					58VLR120-20
CSPH*6012A**				0.99	1.04	1.01	1.05					58VLR120-20
CAP**6024A**				0.98	1.11	1.00	1.09					OVLAAB060154
CAP**6025A**				0.98	1.11	1.00	1.09					OVLAAB060154
CNPV*6024A**				0.98	1.11	1.00	1.09					OVLAAB060154
CNPV*6124A**				0.98	1.12	1.01	1.10					OVLAAB060154
CNPV*6024A**				0.98	1.11	1.00	1.09					OVLAAB060154
CNPV*6124A**				1.00	1.11	1.02	1.09					OVLAAB060154
CSPH*6012A**				0.99	1.10	1.01	1.09					OVLAAB060154

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

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

(245 kw) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btuh (245 kw) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C).

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

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

EWB — Entering Wet Bulb

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

CONDENSER ONLY RATINGS*

SST °F (°C)		CONDENSER ENTERING AIR TEMPERATURES °F (°C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
24APA724 HI									
30 (-1.11)	TCG	22.50	21.30	20.20	18.90	17.60	16.30	14.90	13.40
	SDT	67.50	77.40	87.20	97.00	106.80	116.70	126.60	136.70
	KW	1.00	1.16	1.33	1.50	1.69	1.91	2.15	2.44
35 (1.67)	TCG	24.90	23.60	22.30	20.90	19.50	18.10	16.50	15.00
	SDT	68.70	78.50	88.20	98.00	107.80	117.60	127.50	137.60
	KW	1.02	1.18	1.35	1.52	1.72	1.93	2.18	2.47
40 (4.44)	TCG	27.40	26.00	24.60	23.10	21.50	20.00	18.30	16.60
	SDT	70.00	79.70	89.40	99.10	108.80	118.50	128.40	138.50
	KW	1.05	1.20	1.37	1.55	1.74	1.96	2.21	2.50
45 (7.22)	TCG	30.10	28.60	27.00	25.40	23.70	22.00	20.30	18.50
	SDT	71.30	80.90	90.50	100.20	109.80	119.60	129.40	139.40
	KW	1.07	1.23	1.39	1.57	1.76	1.99	2.24	2.53
50 (10.0)	TCG	33.10	31.40	29.70	27.90	26.10	24.20	22.40	20.40
	SDT	72.60	82.10	91.70	101.30	111.00	120.60	130.40	140.40
	KW	1.09	1.25	1.41	1.59	1.79	2.01	2.27	2.57
55 (12.78)	TCG	36.20	34.40	32.50	30.60	28.60	26.60	24.60	22.50
	SDT	74.00	83.50	93.00	102.50	112.10	121.80	131.50	141.40
	KW	1.12	1.28	1.44	1.62	1.82	2.04	2.30	2.61
60 (15.56)	TCG	39.60	37.60	35.50	33.50	31.30	29.20	27.00	24.70
	SDT	75.50	84.90	94.30	103.80	113.40	122.90	132.60	142.40
	KW	1.15	1.31	1.47	1.65	1.85	2.08	2.34	2.64
24APA724 LO									
30 (-1.11)	TCG	14.10	13.30	12.50	11.6	10.70	9.80	8.80	7.70
	SDT	61.60	71.30	81.00	90.8	100.50	110.20	119.90	129.50
	KW	0.64	0.78	0.93	1.10	1.26	1.47	1.71	1.99
35 (1.67)	TCG	16.00	15.10	14.20	13.20	12.20	11.20	10.10	9.00
	SDT	62.40	72.10	81.80	91.50	101.20	110.80	120.50	130.10
	KW	0.65	0.79	0.94	1.10	1.27	1.48	1.72	2.01
40 (4.44)	TCG	17.90	17.00	16.00	14.90	13.80	12.70	11.50	10.30
	SDT	63.30	72.90	82.60	92.20	101.90	111.50	121.10	130.70
	KW	0.67	0.81	0.95	1.11	1.29	1.49	1.73	2.02
45 (7.22)	TCG	20.10	19.00	17.90	16.80	15.60	14.40	13.10	11.70
	SDT	64.20	73.80	83.50	93.10	102.60	112.20	121.80	131.40
	KW	0.68	0.82	0.96	1.12	1.30	1.50	1.75	2.03
50 (10.0)	TCG	22.40	21.30	20.10	18.80	17.50	16.20	14.70	13.30
	SDT	65.30	74.80	84.40	93.90	103.50	113.00	122.50	132.00
	KW	0.70	0.84	0.98	1.13	1.31	1.51	1.76	2.04
55 (12.78)	TCG	24.90	23.70	22.40	21.00	19.60	18.10	16.60	15.00
	SDT	66.40	75.90	85.30	94.90	104.30	113.70	123.20	132.70
	KW	0.73	0.86	1.00	1.15	1.32	1.53	1.77	2.05
60 (15.56)	TCG	27.70	26.30	24.80	23.30	21.80	20.20	18.50	16.80
	SDT	67.60	77.00	86.40	95.80	105.20	114.60	124.00	133.40
	KW	0.75	0.88	1.01	1.16	1.34	1.54	1.78	2.06
24APA736 HI									
30 (-1.11)	TCG	32.00	30.20	28.40	26.50	24.50	22.50	20.50	18.40
	SDT	71.10	80.40	89.80	99.20	108.60	118.00	127.40	137.00
	KW	1.51	1.72	1.95	2.18	2.44	2.73	3.06	3.43
35 (1.67)	TCG	35.60	33.60	31.60	29.50	27.40	25.20	23.00	20.80
	SDT	72.60	81.80	91.20	100.50	109.80	119.20	128.60	138.10
	KW	1.55	1.76	1.98	2.22	2.48	2.77	3.11	3.49
40 (4.44)	TCG	39.40	37.30	35.10	32.80	30.50	28.20	25.80	23.40
	SDT	74.20	83.40	92.60	101.90	111.20	120.50	129.80	139.30
	KW	1.59	1.80	2.02	2.26	2.52	2.82	3.16	3.54
45 (7.22)	TCG	43.60	41.20	38.80	36.40	33.90	31.40	28.80	26.30
	SDT	76.00	85.10	94.20	103.40	112.60	121.90	131.10	140.50
	KW	1.63	1.84	2.06	2.30	2.57	2.87	3.21	3.60
50 (10.0)	TCG	48.00	45.40	42.80	40.20	37.50	34.80	32.10	29.30
	SDT	77.80	86.80	95.90	105.00	114.10	123.30	132.50	141.70
	KW	1.68	1.89	2.11	2.35	2.62	2.93	3.27	3.66
55 (12.78)	TCG	52.70	49.90	47.10	44.30	41.40	38.50	35.60	32.60
	SDT	79.80	88.70	97.70	106.70	115.70	124.80	133.80	143.00
	KW	1.73	1.94	2.16	2.40	2.68	2.98	3.33	3.72
60 (15.56)	TCG	57.80	54.70	51.70	48.70	45.60	42.50	39.30	36.10
	SDT	81.90	90.70	99.50	108.40	117.30	126.30	135.20	144.20
	KW	1.79	1.99	2.21	2.46	2.73	3.04	3.39	3.79

See notes on page 31

24APA7

CONDENSER ONLY RATINGS*

SST ° F (° C)		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
24APA736 LO									
30 (-1.11)	TCG	20.70	19.30	18.00	16.50	15.10	13.70	12.20	10.70
	SDT	65.30	74.80	84.40	93.90	103.50	113.00	122.60	132.20
	KW	1.04	1.21	1.39	1.58	1.79	2.04	2.32	2.66
35 (1.67)	TCG	23.40	21.80	20.30	18.70	17.20	15.60	14.00	12.40
	SDT	66.50	76.00	85.40	94.90	104.40	113.90	123.40	133.00
	KW	1.04	1.20	1.38	1.56	1.77	2.01	2.29	2.62
40 (4.44)	TCG	26.20	24.50	22.80	21.10	19.40	17.70	15.90	14.20
	SDT	67.80	77.20	86.60	96.00	105.40	114.80	124.30	133.80
	KW	1.03	1.20	1.37	1.55	1.75	1.99	2.26	2.59
45 (7.22)	TCG	29.30	27.40	25.50	23.70	21.80	19.90	18.00	16.10
	SDT	69.20	78.50	87.70	97.00	106.40	115.80	125.10	134.60
	KW	1.03	1.19	1.36	1.53	1.73	1.96	2.23	2.55
50 (10.0)	TCG	32.70	30.60	28.50	26.40	24.40	22.30	20.30	18.20
	SDT	70.60	79.60	88.80	98.10	107.40	116.70	126.10	135.50
	KW	1.04	1.19	1.35	1.52	1.71	1.94	2.21	2.52
55 (12.78)	TCG	36.20	33.90	31.70	29.40	27.20	25.00	22.70	20.50
	SDT	72.00	81.00	90.10	99.40	108.60	117.80	127.10	136.40
	KW	1.04	1.19	1.34	1.51	1.70	1.92	2.18	2.48
60 (15.56)	TCG	40.10	37.50	35.00	32.60	30.20	27.80	25.40	23.00
	SDT	73.60	82.50	91.60	100.70	109.80	118.90	128.10	137.40
	KW	1.05	1.19	1.34	1.50	1.69	1.90	2.15	2.45
24APA748 HI									
30 (-1.11)	TCG	40.30	38.40	36.30	34.20	31.90	29.50	27.00	24.30
	SDT	68.50	77.90	87.20	96.60	106.00	115.30	124.60	133.90
	KW	2.39	2.68	2.99	3.31	3.65	4.02	4.43	4.88
35 (1.67)	TCG	44.80	42.60	40.40	38.10	35.60	33.00	30.20	27.40
	SDT	69.90	79.20	88.50	97.80	107.10	116.30	125.60	134.70
	KW	2.43	2.73	3.03	3.35	3.69	4.07	4.48	4.94
40 (4.44)	TCG	49.60	47.20	44.80	42.20	39.60	36.70	33.80	30.70
	SDT	71.40	80.60	89.80	99.00	108.20	117.40	126.60	135.70
	KW	2.49	2.78	3.08	3.40	3.74	4.12	4.54	5.00
45 (7.22)	TCG	54.80	52.20	49.50	46.80	43.80	40.80	37.60	34.20
	SDT	73.00	82.10	91.20	100.30	109.50	118.60	127.60	136.60
	KW	2.54	2.83	3.13	3.45	3.79	4.17	4.59	5.06
50 (10.0)	TCG	60.40	57.60	54.60	51.60	48.40	45.10	41.60	38.00
	SDT	74.60	83.70	92.70	101.60	110.80	119.80	128.80	137.70
	KW	2.60	2.89	3.19	3.50	3.85	4.23	4.66	5.12
55 (12.78)	TCG	66.40	63.30	60.10	56.80	53.30	49.70	46.00	42.00
	SDT	76.40	85.30	94.10	103.10	112.10	121.10	130.00	138.80
	KW	2.67	2.95	3.24	3.56	3.91	4.30	4.72	5.19
60 (15.56)	TCG	72.80	69.40	65.90	62.30	58.60	54.70	50.60	46.20
	SDT	78.30	87.10	96.00	104.80	113.70	122.50	131.30	139.90
	KW	2.75	3.03	3.32	3.64	3.98	4.37	4.79	5.26
24APA748 LO									
30 (-1.11)	TCG	27.40	26.00	24.50	23.00	21.30	19.60	17.70	15.70
	SDT	63.50	73.20	82.80	92.40	102.00	111.50	121.00	130.50
	KW	1.36	1.61	1.85	2.12	2.42	2.75	3.15	3.61
35 (1.67)	TCG	30.80	29.30	27.70	25.90	24.10	22.20	20.20	18.00
	SDT	64.60	74.10	83.70	93.30	102.80	112.30	121.70	131.20
	KW	1.36	1.59	1.84	2.10	2.39	2.72	3.10	3.56
40 (4.44)	TCG	34.60	32.90	31.10	29.20	27.20	25.10	22.80	20.50
	SDT	65.70	75.20	84.70	94.20	103.60	113.10	122.50	131.90
	KW	1.35	1.58	1.82	2.07	2.36	2.68	3.06	3.50
45 (7.22)	TCG	38.70	36.80	34.80	32.70	30.50	28.20	25.80	23.20
	SDT	66.90	76.30	85.80	95.20	104.60	113.90	123.30	132.60
	KW	1.35	1.58	1.81	2.05	2.33	2.65	3.02	3.45
50 (10.0)	TCG	43.10	41.00	38.70	36.40	34.00	31.50	28.90	26.10
	SDT	68.30	77.60	86.90	96.30	105.50	114.80	124.10	133.30
	KW	1.35	1.57	1.79	2.04	2.30	2.61	2.97	3.40
55 (12.78)	TCG	47.90	45.50	43.00	40.50	37.90	35.10	32.30	29.30
	SDT	69.70	78.90	88.10	97.40	106.60	115.80	125.00	134.10
	KW	1.36	1.57	1.79	2.02	2.28	2.58	2.93	3.35
60 (15.56)	TCG	53.00	50.40	47.70	44.90	42.00	39.00	35.90	32.60
	SDT	71.20	80.30	89.40	98.60	107.70	116.80	125.90	135.00
	KW	1.37	1.57	1.78	2.01	2.26	2.55	2.90	3.30

See notes on page 31

24APA7

CONDENSER ONLY RATINGS*

SST ° F (° C)		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
24APA760 HI									
30 (-1.11)	TCG	52.30	49.80	47.20	44.50	41.60	38.60	35.40	32.00
	SDT	70.40	79.70	89.00	98.30	107.60	116.80	126.00	135.20
	KW	2.27	2.61	2.97	3.34	3.74	4.18	4.67	5.21
35 (1.67)	TCG	58.00	55.20	52.40	49.40	46.20	42.90	39.50	35.80
	SDT	72.00	81.20	90.40	99.60	108.80	117.90	127.00	136.10
	KW	2.33	2.67	3.02	3.40	3.80	4.24	4.73	5.27
40 (4.44)	TCG	64.10	61.10	57.90	54.70	51.20	47.70	43.90	39.90
	SDT	73.70	82.70	91.80	101.00	110.10	119.10	128.20	137.20
	KW	2.40	2.73	3.09	3.46	3.87	4.31	4.81	5.35
45 (7.22)	TCG	70.60	67.40	63.90	60.30	56.60	52.70	48.60	44.20
	SDT	75.40	84.20	93.30	102.20	111.50	120.50	129.40	138.20
	KW	2.47	2.80	3.15	3.52	3.94	4.39	4.88	5.42
50 (10.0)	TCG	77.70	74.10	70.30	66.40	62.30	58.10	53.60	48.80
	SDT	77.30	85.90	94.90	103.90	112.90	121.90	130.70	139.40
	KW	2.55	2.87	3.22	3.60	4.01	4.47	4.96	5.51
55 (12.78)	TCG	85.30	81.30	77.20	72.90	68.40	63.70	58.90	53.70
	SDT	79.30	88.10	96.90	105.70	114.50	123.20	132.00	140.70
	KW	2.64	2.96	3.31	3.69	4.10	4.55	5.05	5.60
60 (15.56)	TCG	93.30	89.00	84.40	79.70	74.90	69.70	64.40	58.70
	SDT	81.40	90.10	98.80	107.40	116.10	124.80	133.40	141.90
	KW	2.74	3.06	3.40	3.78	4.19	4.64	5.14	5.70
24APA760 LO									
30 (-1.11)	TCG	34.80	33.30	31.50	29.60	27.50	25.30	23.00	20.60
	SDT	64.40	74.00	83.60	93.10	102.70	112.20	121.60	131.10
	KW	1.65	1.96	2.27	2.60	2.98	3.41	3.90	4.49
35 (1.67)	TCG	39.00	37.30	35.30	33.20	30.90	28.50	25.90	23.30
	SDT	65.50	75.00	84.50	94.00	103.50	112.90	122.40	131.80
	KW	1.64	1.94	2.25	2.57	2.94	3.36	3.85	4.42
40 (4.44)	TCG	43.60	41.60	39.40	37.10	34.60	31.90	29.20	26.30
	SDT	66.70	76.10	85.60	95.00	104.40	113.80	123.20	132.50
	KW	1.64	1.93	2.23	2.55	2.90	3.31	3.79	4.35
45 (7.22)	TCG	48.50	46.30	43.90	41.30	38.50	35.60	32.60	29.40
	SDT	68.00	77.30	86.70	96.10	105.40	114.70	124.00	133.20
	KW	1.64	1.92	2.21	2.52	2.87	3.27	3.74	4.28
50 (10.0)	TCG	53.80	51.30	48.70	45.80	42.80	39.60	36.30	32.80
	SDT	69.30	78.60	87.90	97.20	106.40	115.60	124.80	134.00
	KW	1.64	1.91	2.20	2.50	2.84	3.23	3.68	4.22
55 (12.78)	TCG	59.50	56.70	53.80	50.70	47.40	43.90	40.20	36.30
	SDT	70.80	80.00	89.20	98.30	107.50	116.60	125.80	134.80
	KW	1.65	1.91	2.19	2.48	2.81	3.19	3.64	4.16
60 (15.56)	TCG	65.60	62.50	59.30	55.90	52.20	48.40	44.30	40.00
	SDT	72.30	81.40	90.50	99.60	108.60	117.70	126.70	135.70
	KW	1.66	1.92	2.18	2.47	2.79	3.16	3.59	4.10

24APA7

* AHRI listing applies only to systems shown in Combination Ratings table.

KW – Outdoor Unit Kilowatts Only.

SDT – Saturated Temperature Leaving Compressor (° F)

SST – Saturated Temperature Entering Compressor (° F/° C)

TCG – Gross Cooling Capacity (1000 Btuh)

GUIDE SPECIFICATIONS

GENERAL

System Description

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

Quality Assurance

- Unit will be rated in accordance with the latest edition of AHRI Standard 210.
- Unit will be certified for capacity and efficiency, and listed in the latest AHRI directory.
- Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.
- Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have c-UL approval.
- Unit cabinet will be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 500-hr salt spray test.
- Air-cooled condenser coils will be leak tested and pressure tested.
- Unit constructed in ISO9001 approved facility.

Delivery, Storage, and Handling

- Unit will be shipped as single package only and is stored and handled per unit manufacturer's recommendations.

Warranty (for inclusion by specifying engineer)

- U.S. and Canada only.

PRODUCTS

Equipment

- Factory assembled, single piece, air-cooled air conditioner unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge Puron® (R-410A), and special features required prior to field start-up.

Unit Cabinet

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

Fans

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

AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER

24APPA7

2 TO 5 NOMINAL TONS

- Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings. Shafts will be corrosion resistant.
- Fan blades will be statically and dynamically balanced.
- Condenser fan openings will be equipped with coated steel wire safety guards.

Compressor

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

Condenser Coil

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

Refrigeration Components

- Refrigeration circuit components will include liquid-line shutoff valve with sweat connections, vapor-line shutoff valve with sweat connections, system charge of Puron® (R-410A) refrigerant, and compressor oil.
- Unit will be equipped with high-pressure switch, low pressure switch and filter drier for Puron refrigerant.

Operating Characteristics

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

Electrical Requirements

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

Special Features

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

SYSTEM DESIGN SUMMARY

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. w.c.
2. This product is qualified for low ambient cooling operation (below 55°F/12.8°C) when used with an Infinity User Interface ONLY.
3. The maximum outdoor operating ambient in cooling mode is 125°F (51.67°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. For interconnecting refrigerant tube lengths greater than 80 ft (23.4 m) and/or 35 ft (10.7 m) vertical differential, consult Residential Piping and Longline Guideline and Service Manual available from equipment distributor.
6. If any refrigerant tubing is buried, provide a 6 in. (152.4 mm) vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. (914.4 mm) may be buried without further consideration. Do not bury refrigerant lines longer than 36 in. (914.4 mm).
7. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
8. Do not apply capillary tube indoor coils to these units.
9. Factory-supplied filter drier must be installed.

