

**24APA5**  
**Performance™ 15 Series Air Conditioner**  
**with Puron® Refrigerant**  
**1-1/2 to 5 Nominal Tons (Size 18-60)**



## Product Data



**Performance™**  
**SERIES**

Carrier's Air Conditioners with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 24APA5 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.

As an Energy Star® Partner, Carrier Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency. 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](http://www.ahridirectory.org)) for the most up-to-date ratings information.**

### INDUSTRY LEADING FEATURES / BENEFITS

#### Energy Efficiency

- 13.5 - 16.5 SEER/11.7-13.5 EER

#### New Aesthetic Design

- WeatherArmor Ultra™
  - Baked-on powder paint
  - Steel louver coil guard
  - Color matched cabinet screws

#### Extra Quiet Operation

- Silencer System II™ for sound as low as 66 dBA
  - Quiet mount split post compressor grommets
  - Exclusive Silencer top design
  - Forward-swept condenser fan blade
  - Compressor sound hood
  - Laminated compressor mounting plate

#### Reliability, Quality and Toughness

- Scroll compressor
- Field-installed 16 cu. in. filter drier
- 8-pole PSC ball-bearing condenser fan motor
- Back-seating service valves
- High-pressure switch
- Low-pressure switch
- Internal pressure relief valve
- Internal thermal overload

#### Controls and Diagnostics

- Infinity™ Control compatible
- Standard thermostat control with 3-wire or 2-wire 24v connection to outdoor unit. (2-wire capability starts with serial number 3006)
- Utility Interface Connection
- Up to 14 point diagnostic capability

#### Applications

- Longline - up to 250 ft. total equivalent length
- Low-ambient operation (down to 0°F) with complete Infinity™ System and crankcase heater
- Low-ambient operation (down to 0°F) with standard thermostat and additional accessories (see Accessory Usage Guideline in this document).

## 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	5	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	5=15 SEER Nominal		A=Standard	0=Not Defined	0=Not Defined	3=208/230-1	0, 1, 2...		

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



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

## STANDARD FEATURES

Feature	18-30	24-30	30-30	36-30	42-30	48-30	60-30
Puron® Refrigerant	X	X	X	X	X	X	X
Up to 16.5 SEER	X	X	X	X	X	X	X
Infinity Control Compatible	X	X	X	X	X	X	X
Standard thermostat w/ 3- or 2-wire 24v connections to outdoor unit.	X	X	X	X	X	X	X
Scroll Compressor	X	X	X	X	X	X	X
Silencer System II™ Design	X	X	X	X	X	X	X
WeatherArmor Ultra™ Cabinet	X	X	X	X	X	X	X
Field Installed 16 cu. in. Filter Drier	X	X	X	X	X	X	X
Back Seating Service Valves	X	X	X	X	X	X	X
High-pressure Switch	X	X	X	X	X	X	X
Low-pressure Switch	X	X	X	X	X	X	X
Internal Pressure Relief Valve	X	X	X	X	X	X	X
Internal Thermal Overload	X	X	X	X	X	X	X
Long Line capability	X	X	X	X	X	X	X
Low-ambient capability to 0° F w/Complete Infinity™ System	X	X	X	X	X	X	X
Up to 14 Diagnostic Check-Points	X	X	X	X	X	X	X
Utility Interface Connections	X	X	X	X	X	X	X

# PHYSICAL DATA

UNIT SIZE SERIES	18-30	24-30	30-30	36-30	42-30	48-30	60-30
Operating Weight lb (kg)	197 (89.4)	198 (89.8)	258 (117.0)	259 (117.5)	320 (145.1)	326 (147.9)	330 (149.7)
Shipping Weight lb (kg)	228 (103.4)	229 (103.9)	298 (135.2)	299 (135.6)	355 (161.0)	361 (163.7)	365 (165.6)
Compressor Type	Scroll						
REFRIGERANT	Puron® (R-410A)						
Control	TXV (Puron® Hard Shutoff)						
Charge lb (kg)	5.28 (2.39)	5.66 (2.57)	10.77 (4.89)	10.03 (4.55)	10.80 (4.90)	11.40 (5.17)	13.17 (5.97)
COND FAN	Forward Swept, Propeller Type, Direct Drive						
Air Discharge	Vertical						
Air Qty (CFM)	2140	2140	2595	3265	3265	3673	3673
Motor HP	1/12	1/12	1/10	1/6	1/6	1/4	1/4
Motor RPM	800	800	800	800	800	800	800
COND COIL							
Face Area (Sq ft)	16.08	16.08	18.30	18.30	24.40	24.40	24.40
Fins per In.	25	25	20	20	20	20	20
Rows	1	1	2	2	2	2	2
Circuits	4	4	6	6	8	8	8
VALVE CONNECT. (In. ID)							
Vapor	5/8	5/8	3/4	3/4	7/8	7/8	7/8
Liquid	3/8						
REFRIGERANT TUBES (In. OD)							
Rated Vapor*	5/8	5/8	3/4	3/4	7/8	7/8	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.

NOTE: See unit Installation Instruction for proper installation.

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## VAPOR LINE SIZING AND COOLING CAPACITY LOSS

**LONG LINE APPLICATION:** An application is considered "Long line" when the total equivalent tubing length exceeds 80 ft. (24.38 m) or when there is more than 20 ft. (6.09 m) vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation. The maximum allowable total equivalent length is up to 250 ft. (76.2 m). The maximum

vertical separation is 200 ft. (60.96 m) when outdoor unit is above indoor unit, and up to 80 ft. (24.38 m) when the outdoor unit is below the indoor unit. Refer to Accessory Usage Guideline below for required accessories. See Longline Application Guideline for required piping and system modifications. Also, refer to the table below for the vapor tube diameters based on the total length to minimize the cooling capacity loss.

Unit Nominal Size (Btuh)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In. OD)	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			Standard Application		Long Line Application Requires Accessories						
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-53.3)	176-200 (53.6-61.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
18000 1 Stage Puron AC	3/8	1/2	1	2	3	4	6	7	8	9	10
		5/8	0	0	1	1	1	2	2	3	3
24000 1 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
		7/8	0	0	0	0	0	0	0	0	0
30000 1 Stage Puron AC	3/8	5/8	1	2	3	3	4	5	6	7	8
		3/4	0	0	1	1	1	2	2	2	3
		7/8	0	0	0	0	1	1	1	1	1
36000 1 Stage Puron AC	3/8	5/8	1	2	4	5	6	8	9	10	12
		3/4	0	1	1	2	2	3	3	4	4
		7/8	0	0	0	0	1	1	1	2	2
42000 1 Stage Puron AC	3/8	3/4	0	1	2	2	3	4	4	5	6
		7/8	0	0	1	1	1	2	2	2	3
		1 1/8	0	0	0	0	0	0	0	0	0
48000 1 Stage Puron AC	3/8	3/4	0	1	2	3	4	5	5	6	7
		7/8	0	0	1	1	2	2	2	3	3
		1 1/8	0	0	0	0	0	0	0	1	1
60000 1 Stage 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 are long line. Accessories are required as shown recommended on Long Line Application Guidelines

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

# ACCESSORIES

KIT NUMBER	KIT NAME	18-30	24-30	30-30	36-30	42-30	48-30	60-30
KAACH1201AAA	CRANKCASE HTR					X	X	X
KAACH1401AAA	CRANKCASE HTR	X	X	X	X			
KSACY0101AAA	CYCLE PROTECTOR	S	S	S	S	S	S	S
KAFT0101AAA	FREEZE THERMOSTAT	X	X	X	X	X	X	X
KSAHS1701AAA	HARD START (CAP/RELAY)	X	X	X	X	X	X	X
KSALA0301410	LOW-AMBIENT PRESSURE SWITCH	X	X	X	X	X	X	X
KAACS0201PTC	PTC START ASSIST	X	X	X	X	X	X	X
KAALS0201LLS	SOLENOID VALVE	X	X	X	X	X	X	X
KSASF0101AAA	SUPPORT FEET	X	X	X	X	X	X	X
KAATD0101TDR	TIME DELAY	X	X	X	X	X	X	X
KSATX0201PUR	TXV (HSO)	X	X	X				
KSATX0301PUR	TXV (HSO)				X	X		
KSATX0401PUR	TXV (HSO)						X	
KSATX0501PUR	TXV (HSO)							X
KAAWS0101AAA	WINTER START	X	X	X	X	X	X	X

X = Accessory, S = Standard

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
TP-PRH-01	Programmable Thermostat
TP-NRH-01	Non-programmable Thermostat
TP-PAC-01	Performance Series Programmable AC Stat
TP-NAC-01	Performance Series Non-programmable AC Stat
TSTATCCPRH01-B	Thermostat Control - Programmable / Non-Programmable Thermostat with Humidity control
TSTATCCPAC01-B	Thermostat - Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCNAC01-C	Thermostat - Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCBAC01-B	Builder's Thermostat - Manual Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCSEN01-B	Outdoor Air Temperature Sensor
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXNBP01	Backplate for Non-Programmable Thermostat
TSTATXXBP01	Backplate for Programmable Thermostat
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 wires) - 10 Pack

INFINITY™ * CONTROLS	DESCRIPTION
SYSTXCCUID01-A	Infinity Control Deluxe 7-Day Programmable (Wall-mounted system control.)
SYSTXCCUIZ01-A	Infinity Control Deluxe Zoning 7-Day Programmable (Wall-mounted control for a multi-zone system.)
SYSTXCC4ZC01	Infinity 4-Zone Damper Control Module (Wall-mounted control for a 4-zone system.)
SYSTXCCSMS01	Infinity Smart Sensor (Optional wall control used to monitor temperature and/or fan control in an individual zone.)
SYSTXCCRRS01	Infinity Remote Room Sensor (Monitors temperature in an individual zone.)
SYSTXCCSAM01	Infinity System Access Module (Hardware for wireless access and control via phone or internet.)
SYSTXCCNIM01	Infinity Network Interface Module (Connects Heat Recovery and Energy Recovery Ventilators or older two-speed outdoor models to system.)
SYSTXXXBPU01	Decorative Back Plate for Infinity Control (Decorative wall plate.)

\* When applied with Carrier's IdealHumidity™ series variable speed Indoor Models.

# ACCESSORY USAGE GUIDELINE

ACCESSORY	REQUIRED FOR LOW-AMBI- ENT 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)
Ball Bearing Fan Motor	Yes†	No	No
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Hard Shut-Off TXV	Yes	Yes	Yes
Liquid Line Solenoid Valve	No	No	No
Motor Master® Control or Low-ambient Pressure Switch	Yes	No	No
Support Feet	Recommended	No	Recommended
Winter Start Control	Yes	No	No

\* For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 20 ft. (6.09 m) vertical differential, refer to Residential Split-System Longline Application Guideline.

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

## Accessory Description and Usage (Listed Alphabetically)

### 1. Ball-Bearing Fan Motor

A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication.

Usage Guideline:

Required on all units when MotorMaster® —

### 2. Compressor Start Assist - Capacitor and Relay

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

Usage Guideline:

Required for reciprocating compressors in the following applications:

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

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

- Long line
- Low ambient cooling

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

### 3. Compressor Start Assist — PTC Type

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

Usage Guideline:

Suggested in installations with marginal power supply.

### 4. 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.

### 5. Cycle Protector

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

### 6. Evaporator Freeze Thermostat

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

Usage Guideline:

Required when low ambient kit has been added.

### 7. Low-Ambient Pressure Switch Kit

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 100 psig/689.5 KpA to 225 psig/1551.3 KpA). The control will maintain working head pressure at low-ambient temperatures down to 0°F (-17.8°C) when properly installed.

Usage Guideline:

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

### 8. MotorMaster® Low-Ambient Controller

A fan-speed control device activated by a temperature sensor, designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. For outdoor temperatures down to -20°F (-28.9°C), it maintains condensing temperature at 100°F ±10°F (37.8°C ± 6.5°C).

Usage Guideline:

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

Suggested for all commercial applications.

### 9. Outdoor Air Temperature Sensor

Designed for use with Carrier Thermostats listed in this publication. This device enables the thermostat to display the outdoor temperature. This device also

is required to enable special thermostat features such as auxiliary heat lock out.

Usage Guideline:

Suggested for all Carrier thermostats listed in this publication.

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## Accessory Description and Usage (Listed Alphabetically) (Continued)

### 10. Sound Hood

Wraparound sound reducing cover for the compressor. Reduces the sound level by about 2 dBA.

Usage Guideline:

Suggested when unit is installed closer than 15 ft (4.57 m) to quiet areas, bedrooms, etc.

Suggested when unit is installed between two houses less than 10 ft (3.05 m) apart.

### 11. 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.

### 12. 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 ARI ratings in certain equipment combinations. Refer to combination ratings.

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

Required for use on all zoning systems.

### 13. Time-Delay Relay

An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off.

**NOTE:** Most indoor unit controls include this feature. For those that do not, use the guideline below.

Usage Guideline:

For improved efficiency ratings for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory.

### 14. Winter Start Control

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

# ELECTRICAL DATA

UNIT SIZE - 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
		MAX	MIN	LRA	RLA	FLA		60° C	75° C	60° C	75° C	
18-30	208/230/1	253	187	48.0	9.0	0.5	11.7	14	14	67 (20.4)	64 (19.5)	20
24-30				58.3	13.5	0.7	17.5	14	14	45 (13.7)	43 (13.1)	25
30-30				73.0	14.1	0.7	18.3	14	14	43 (13.1)	41 (12.5)	25
36-30				79.0	16.7	1.1	21.9	12	12	57 (17.4)	54 (16.5)	35
42-30				112.0	17.9	1.3	23.7	10	10	84 (25.6)	80 (24.4)	40
48-30				117.0	21.8	1.3	28.5	10	10	70 (21.3)	67 (20.4)	45
60-30				134.0	26.4	1.3	34.3	8	8	91 (27.7)	86 (26.2)	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 (ANSI/NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60° C conditions, per the NEC (ANSI/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 (ANSI/NFPA 70).

‡ Length shown is as measured 1 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 2001 requirements of ASHRAE Standards 90.1

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## A-WEIGHTED SOUND POWER (dBA)

UNIT SIZE - SERIES	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18-30	67	51.0	58.0	60.5	60.0	59.5	52.5	47.0
24-30	66	55.0	55.5	59.5	61.0	59.0	54.5	47.0
30-30	68	56.0	58.5	63.0	61.0	60.0	52.5	45.0
36-30	70	62.5	62.0	64.5	63.0	60.5	55.5	49.0
42-30	70	61.5	60.5	62.0	63.5	61.0	55.5	51.0
48-30	71	61.5	62.5	63.0	64.0	62.0	57.5	51.5
60-30	73	59.5	63.0	64.0	67.0	63.0	58.0	53.5

NOTE: Tested in accordance with ARI Standard 270-95. (Not listed with ARI).

## CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE - SERIES	REQUIRED SUBCOOLING °F (°C)
18-30	9 (5.0)
24-30	9 (5.0)
30-30	13 (7.2)
36-30	8 (4.4)
42-30	10 (5.6)
48-30	8 (4.4)
60-30	14 (7.8)


**DIMENSIONS - ENGLISH**

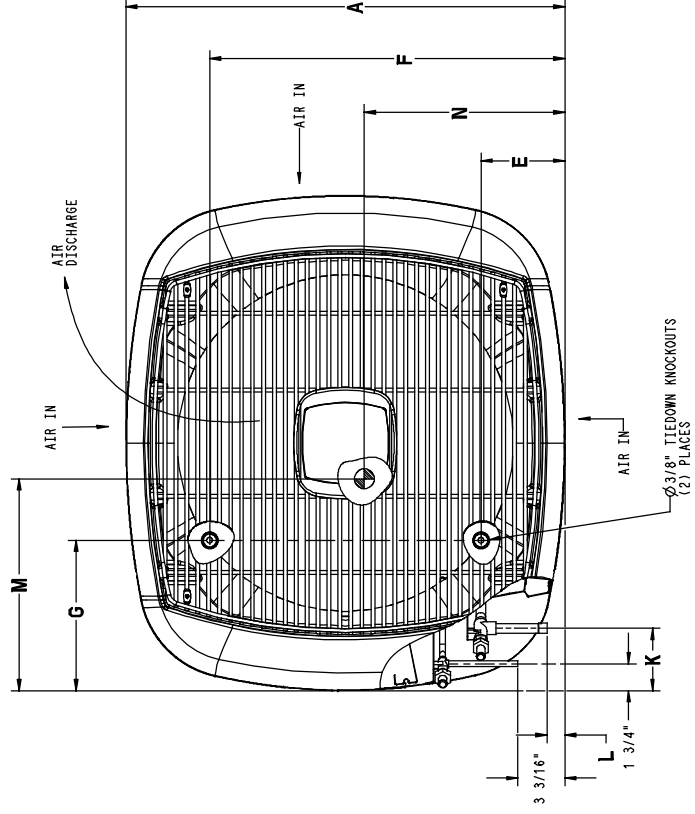
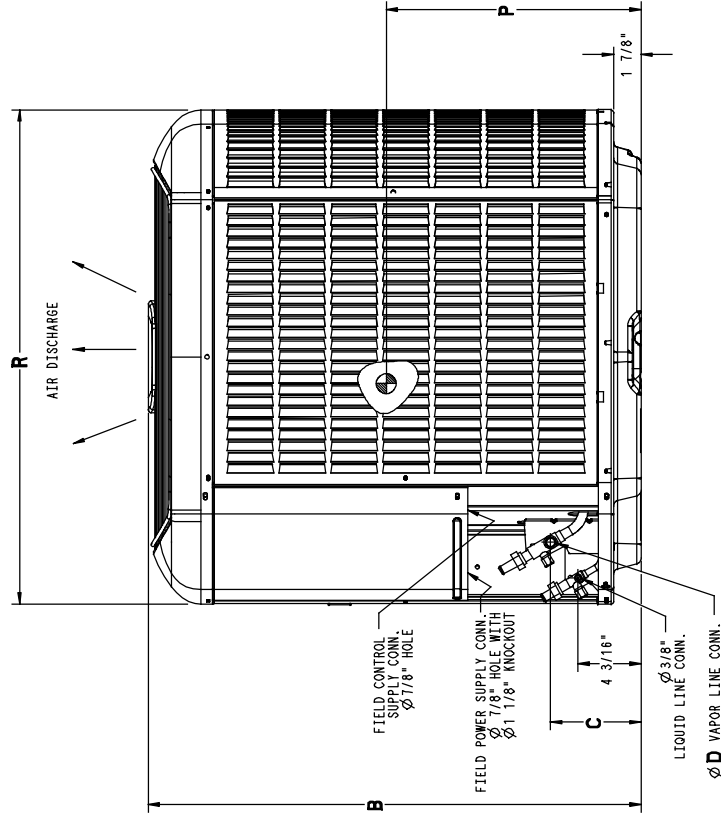
UNIT	SERIES	ELECTRICAL CHARACTERISTICS	A	B	C	D	E	F	G	K	L	M	N	P	R	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)
24APA518	0	X 0 0	29 1/4"	39 3/4"	6 1/16"	5/8"	5 5/8"	23 3/4"	10 1/16"	4 3/16"	1 1/8"	13"	16 1/2"	18 1/2"	33"	197	228	30 7/8" X 36 5/16" X 46 3/16"
24APA524	0	X 0 0	29 1/4"	39 3/4"	6 1/16"	5/8"	5 5/8"	23 3/4"	10 1/16"	4 3/16"	1 1/8"	15 3/8"	15"	17 1/2"	33"	198	229	30 7/8" X 36 5/16" X 46 3/16"
24APA530	0	X 0 0	35 1/2"	37 1/8"	6 5/16"	3/4"	6 13/16"	28 3/4"	11 5/8"	4"	1 1/8"	17 3/4"	19 1/4"	18"	40"	258	298	37 1/8" X 43 5/16" X 42 3/4"
24APA536	0	X 0 0	35 1/2"	37 1/8"	6 5/16"	3/4"	6 13/16"	28 3/4"	11 5/8"	4"	1 1/8"	17 3/4"	16"	16 3/4"	40"	259	299	37 1/8" X 43 5/16" X 42 3/4"
24APA542	0	X 0 0	35 1/2"	47 5/16"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	4 1/16"	1 1/8"	18 1/2"	18 3/4"	20"	40"	320	355	37 1/8" X 43 5/16" X 50 13/16"
24APA548	0	X 0 0	35 1/2"	47 5/16"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	4 1/16"	1 1/8"	18 1/2"	18 3/4"	20"	40"	326	361	37 1/8" X 43 5/16" X 50 13/16"
24APA560	0	X 0 0	35 1/2"	47 5/16"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	4 1/16"	1 1/8"	15 3/4"	21"	21 1/4"	40"	330	365	37 1/8" X 43 5/16" X 50 13/16"

X = YES  
0 = NO

208-230-160	230-160	208/230-3-60	460-3-60
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**NOTES:**

1. ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT.  
48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE,  
AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING  
MODE IS 55° F., MAX. 125° F.
3. SERIES DESIGNATION IS THE 13TH POSITION OF THE  
UNIT MODEL NUMBER.
4. CENTER OF GRAVITY 
5. ALL DIMENSIONS ARE IN "INCHES" UNLESS NOTED.



UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18, 24	29 1/2" X 33"
30, 36, 42, 48, 60	36 1/2" X 40"


# DIMENSIONS - SI

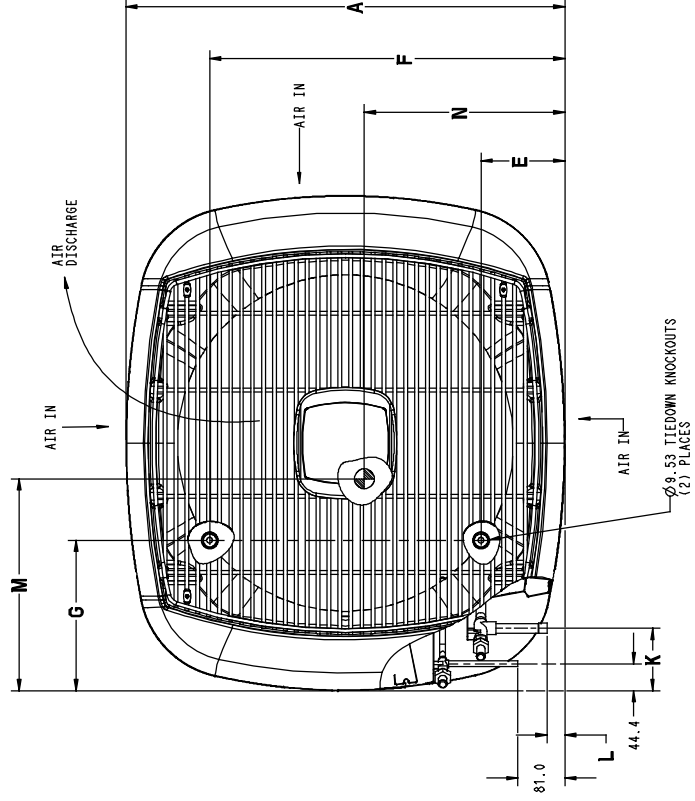
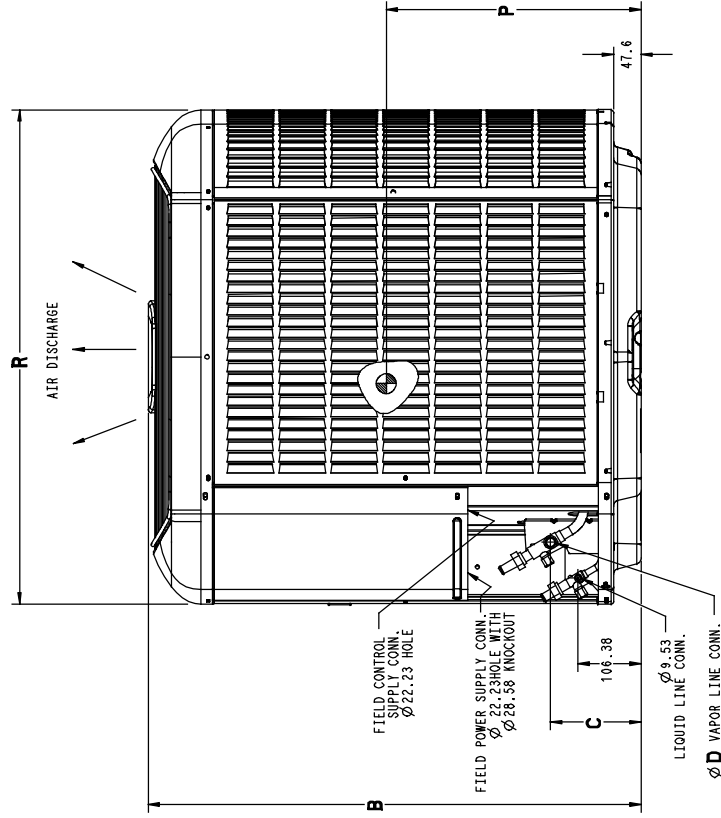
UNIT	SERIES	ELECTRICAL CHARACTERISTICS	A	B	C	D	E	F	G	K	L	M	N	P	R	OPERATING WEIGHT (Kgs)	SHIPPING WEIGHT (Kgs)	SHIPPING DIMENSIONS (L x W x H)
24APAS18	0	X 0 0 0	743.0	1009.6	154.0	15.9	142.9	603.2	255.6	106.4	28.6	330.2	419.1	489.9	838.2	89.4	103.4	784.2 X 922.4 X 1173.2
24APAS24	0	X 0 0 0	743.0	1009.6	154.0	15.9	142.9	603.2	255.6	106.4	28.6	330.5	381.0	444.5	838.2	89.8	103.9	784.2 X 922.4 X 1173.2
24APAS30	0	X 0 0 0	901.7	943.0	160.4	19.0	173.0	730.2	295.3	101.6	28.6	450.8	489.0	457.2	1016.0	117.0	135.2	943.0 X 1100.2 X 1085.8
24APAS36	0	X 0 0 0	901.7	943.0	160.4	19.0	173.0	730.2	295.3	101.6	28.6	450.8	489.0	457.2	1016.0	117.5	135.6	943.0 X 1100.2 X 1085.8
24APAS42	0	X 0 0 0	901.7	1201.8	158.8	22.2	173.0	730.2	295.3	103.2	28.6	489.9	476.2	508.0	1016.0	145.1	161.0	943.0 X 1100.2 X 1290.6
24APAS48	0	X 0 0 0	901.7	1201.8	158.8	22.2	173.0	730.2	295.3	103.2	28.6	489.9	476.2	508.0	1016.0	147.9	163.7	943.0 X 1100.2 X 1290.6
24APAS60	0	X 0 0 0	901.7	1201.8	158.8	22.2	173.0	730.2	295.3	103.2	28.6	400.0	533.4	539.8	1016.0	149.7	165.6	943.0 X 1100.2 X 1290.6

X = YES  
0 = NO

208-230-160	230-160	208/230-3-60	460-3-60
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### NOTES:

- ALLOW 762.0 CLEARANCE TO SERVICE SIDE OF UNIT, 1219.2 ABOVE UNIT, 152.4 ON ONE SIDE, 304.8 ON REMAINING SIDE, AND 609.6 BETWEEN UNITS FOR PROPER AIRFLOW.
- MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 15°C, MAX. 52°C.
- SERIES DESIGNATION IS THE 13TH POSITION OF THE UNIT MODEL NUMBER.
- CENTER OF GRAVITY .
- ALL DIMENSIONS ARE IN "MM" UNLESS NOTED.



UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18.24	749.3 X 838.2
30.36, 42.48, 60	927.1 X 1016.0

**24APAS**

# COMBINATION RATINGS

24APA5

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
904267	24APA518A30	†CAP**2417A**+TDR		18300	12.0	14.0
903420	24APA518A30	CAP**1814A**	58CV(A,X)070-12	17800	13.0	15.5
3015227	24APA518A30	CAP**1814A**	58PH*045-08	18000	13.0	15.8
903036	24APA518A30	CAP**1814A**+TDR		18000	12.0	14.0
904549	24APA518A30	CAP**2414A**	58CV(A,X)070-12	18100	13.0	15.5
3015228	24APA518A30	CAP**2414A**	58PH*045-08	18000	13.2	16.0
906639	24APA518A30	CAP**2414A**+TDR		18300	12.0	14.0
904369	24APA518A30	CAP**2417A**	58CV(A,X)090-16	18200	13.2	16.0
3120652	24APA518A30	CAP**2417A**	58MEB040-12	18000	13.2	16.0
3120653	24APA518A30	CAP**2417A**	58MEB060-12	18000	13.2	16.0
1428463	24APA518A30	CAP**2417A**	58MV(B,C)060-14	18500	13.2	16.0
1031789	24APA518A30	CAP**2417A**	58MVB040-14	18500	13.2	16.0
1121247	24APA518A30	CAP**2417A**	58UVB060-14	18500	13.2	16.0
902964	24APA518A30	CAP**3014A**	58CV(A,X)070-12	18200	13.2	16.0
904862	24APA518A30	CAP**3014A**	58CV(A,X)090-16	18300	13.2	16.0
1389854	24APA518A30	CAP**3014A**	58MV(B,C)060-14	18300	13.2	16.0
1121205	24APA518A30	CAP**3014A**	58UVB060-14	18300	13.2	16.0
906360	24APA518A30	CAP**3014A**+TDR		18500	12.2	14.5
904713	24APA518A30	CAP**3017A**	58CV(A,X)070-12	18200	13.2	16.0
905189	24APA518A30	CAP**3017A**	58CV(A,X)090-16	18300	13.2	16.0
1389870	24APA518A30	CAP**3017A**	58MV(B,C)060-14	18300	13.2	16.0
1389872	24APA518A30	CAP**3017A**	58MV(B,C)080-14	18300	13.2	16.0
1031791	24APA518A30	CAP**3017A**	58MVB040-14	18700	13.2	16.0
1121433	24APA518A30	CAP**3017A**	58UVB060-14	18300	13.2	16.0
1121664	24APA518A30	CAP**3017A**	58UVB080-14	18300	13.2	16.0
906276	24APA518A30	CAP**3017A**+TDR		18500	12.2	14.5
904629	24APA518A30	CNPF*2418A**+TDR		18300	12.0	14.0
904779	24APA518A30	CNPH*2417A**	58CV(A,X)070-12	18100	13.0	15.5
905925	24APA518A30	CNPH*2417A**	58CV(A,X)090-16	18200	13.0	15.5
3120656	24APA518A30	CNPH*2417A**	58MEB040-12	18000	13.2	16.0
3120657	24APA518A30	CNPH*2417A**	58MEB060-12	18000	13.0	15.5
1389856	24APA518A30	CNPH*2417A**	58MV(B,C)060-14	18100	13.0	15.5
1389874	24APA518A30	CNPH*2417A**	58MV(B,C)080-14	18100	13.0	15.5
903941	24APA518A30	CNPH*2417A**	58MVB040-14	18100	13.0	15.5
3015231	24APA518A30	CNPH*2417A**	58PH*045-08	18000	13.2	16.0
906181	24APA518A30	CNPH*2417A**+TDR		18300	12.0	14.0
905085	24APA518A30	CNPH*3017A**	58CV(A,X)070-12	18200	13.2	16.0
906291	24APA518A30	CNPH*3017A**	58CV(A,X)090-16	18300	13.2	16.0
1389858	24APA518A30	CNPH*3017A**	58MV(B,C)060-14	18300	13.2	16.0
1389876	24APA518A30	CNPH*3017A**	58MV(B,C)080-14	18300	13.2	16.0
905827	24APA518A30	CNPH*3017A**	58MVB040-14	18300	13.2	16.0
906241	24APA518A30	CNPH*3017A**+TDR		18500	12.2	14.5
904474	24APA518A30	CNPV*1814A**	58CV(A,X)070-12	18000	13.0	15.5
3015229	24APA518A30	CNPV*1814A**	58PH*045-08	18000	13.0	15.8
1144582	24APA518A30	CNPV*1814A**	58VLR105-12	18600	13.0	15.5
1144580	24APA518A30	CNPV*1814A**	58VMR105-12	18100	13.0	15.5
905564	24APA518A30	CNPV*1814A**+TDR		18200	12.0	14.0
903638	24APA518A30	CNPV*2414A**	58CV(A,X)070-12	18100	13.0	15.5
3015230	24APA518A30	CNPV*2414A**	58PH*045-08	18000	13.2	16.0
1144586	24APA518A30	CNPV*2414A**	58VLR105-12	18600	13.2	16.0
1144584	24APA518A30	CNPV*2414A**	58VMR105-12	18200	13.0	15.5
903403	24APA518A30	CNPV*2414A**+TDR		18300	12.0	14.0
906412	24APA518A30	CNPV*2417A**	58CV(A,X)090-16	18200	13.0	15.5
3120654	24APA518A30	CNPV*2417A**	58MEB040-12	18000	13.2	16.0
3120655	24APA518A30	CNPV*2417A**	58MEB060-12	18000	13.0	15.5
1389860	24APA518A30	CNPV*2417A**	58MV(B,C)060-14	18100	13.0	15.5
1031793	24APA518A30	CNPV*2417A**	58MVB040-14	18500	13.2	16.0
1121652	24APA518A30	CNPV*2417A**	58UVB060-14	18100	13.0	15.5
1144590	24APA518A30	CNPV*2417A**	58VLR105-12	18600	13.2	16.0
1144588	24APA518A30	CNPV*2417A**	58VMR105-12	18200	13.0	15.5
904387	24APA518A30	CNPV*2417A**+TDR		18300	12.0	14.0
902974	24APA518A30	CNPV*3014A**	58CV(A,X)070-12	18200	13.2	16.0
903899	24APA518A30	CNPV*3014A**	58CV(A,X)090-16	18300	13.2	16.0
1389862	24APA518A30	CNPV*3014A**	58MV(B,C)060-14	18300	13.2	16.0
1121772	24APA518A30	CNPV*3014A**	58UVB060-14	18300	13.2	16.0
904975	24APA518A30	CNPV*3014A**+TDR		18500	12.2	14.5
903698	24APA518A30	CNPV*3017A**	58CV(A,X)070-12	18200	13.2	16.0
904327	24APA518A30	CNPV*3017A**	58CV(A,X)090-16	18300	13.2	16.0
1389864	24APA518A30	CNPV*3017A**	58MV(B,C)060-14	18300	13.2	16.0
1389878	24APA518A30	CNPV*3017A**	58MV(B,C)080-14	18300	13.2	16.0
1031795	24APA518A30	CNPV*3017A**	58MVB040-14	18700	13.2	16.0
1121715	24APA518A30	CNPV*3017A**	58UVB060-14	18300	13.2	16.0
1121373	24APA518A30	CNPV*3017A**	58UVB080-14	18300	13.2	16.0
906160	24APA518A30	CNPV*3017A**+TDR		18500	12.2	14.5
905828	24APA518A30	CSPH*2412A**	58CV(A,X)070-12	18200	13.2	16.0
904860	24APA518A30	CSPH*2412A**	58CV(A,X)090-16	18300	13.2	16.0
3120658	24APA518A30	CSPH*2412A**	58MEB040-12	18000	13.2	16.0

See notes on page 26

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3120659	24APA518A30	CSPH*2412A**	58MEB060-12	18000	13.0	15.5
1389866	24APA518A30	CSPH*2412A**	58MV(B,C)060-14	18300	13.2	16.0
1389880	24APA518A30	CSPH*2412A**	58MV(B,C)080-14	18300	13.2	16.0
903451	24APA518A30	CSPH*2412A**	58MVB040-14	18300	13.2	16.0
3015232	24APA518A30	CSPH*2412A**	58PH*045-08	18000	13.2	16.0
904579	24APA518A30	CSPH*2412A**+TDR		18500	12.2	14.5
904727	24APA518A30	CSPH*3012A**	58CV(A,X)070-12	18300	13.2	16.0
905301	24APA518A30	CSPH*3012A**	58CV(A,X)090-16	18400	13.2	16.0
1389868	24APA518A30	CSPH*3012A**	58MV(B,C)060-14	18300	13.2	16.0
1389882	24APA518A30	CSPH*3012A**	58MV(B,C)080-14	18400	13.2	16.0
905095	24APA518A30	CSPH*3012A**	58MVB040-14	18300	13.2	16.0
906150	24APA518A30	CSPH*3012A**+TDR		18500	12.2	14.5
1249700	24APA518A30	FE4ANF002+UI		18400	12.5	16.0
903714	24APA518A30	FF1ENP018		18000	12.0	14.0
906149	24APA518A30	FF1ENP024		18300	12.0	14.0
903766	24APA518A30	FF1ENP030		18200	11.7	13.5
903231	24APA518A30	FV4BNF002		18400	12.5	16.0
906023	24APA518A30	FX4CNF018		18400	12.5	15.5
903100	24APA518A30	FX4CNF024		18500	12.5	15.5
903085	24APA518A30	FX4CNF030		18500	12.5	15.0
906461	24APA518A30	FY4ANF018		18000	12.0	14.0
903545	24APA518A30	FY4ANF024		18100	12.0	14.0
903633	24APA518A30	FY4ANF030		18300	12.3	14.5
905702	24APA524A30	†CAP**3014A**+TDR		23400	12.0	14.0
906234	24APA524A30	CAP**2414A**	58CV(A,X)070-12	23000	13.0	15.5
3015233	24APA524A30	CAP**2414A**	58PH*045-08	23200	12.5	15.3
906400	24APA524A30	CAP**2414A**+TDR		23200	12.0	14.0
904665	24APA524A30	CAP**2417A**	58CV(A,X)090-16	23200	13.0	15.5
3120660	24APA524A30	CAP**2417A**	58MEB040-12	23400	13.0	15.5
3120661	24APA524A30	CAP**2417A**	58MEB060-12	23400	13.0	15.5
3120662	24APA524A30	CAP**2417A**	58MEB080-12	23400	13.0	15.5
1389890	24APA524A30	CAP**2417A**	58MV(B,C)060-14	23000	13.0	15.5
1130313	24APA524A30	CAP**2417A**	58MVB040-14	23200	12.5	15.0
1121523	24APA524A30	CAP**2417A**	58UVB060-14	23000	13.0	15.5
905329	24APA524A30	CAP**2417A**+TDR		23200	12.0	14.0
906198	24APA524A30	CAP**3014A**	58CV(A,X)070-12	23200	13.0	15.5
3015234	24APA524A30	CAP**3014A**	58PH*045-08	23600	13.0	15.5
903908	24APA524A30	CAP**3017A**	58CV(A,X)090-16	23400	13.0	15.5
3120663	24APA524A30	CAP**3017A**	58MEB040-12	23400	13.0	15.5
3120664	24APA524A30	CAP**3017A**	58MEB060-12	23400	13.0	15.5
3120665	24APA524A30	CAP**3017A**	58MEB080-12	23400	13.0	15.5
1428465	24APA524A30	CAP**3017A**	58MV(B,C)060-14	23800	13.0	15.5
1121394	24APA524A30	CAP**3017A**	58UVB060-14	23800	13.0	15.5
906417	24APA524A30	CAP**3017A**+TDR		23400	12.0	14.0
906007	24APA524A30	CAP**3614A**	58CV(A,X)070-12	23400	13.0	15.5
904196	24APA524A30	CAP**3614A**	58CV(A,X)090-16	23400	13.0	15.5
1389888	24APA524A30	CAP**3614A**	58MV(B,C)060-14	23400	13.0	15.5
1121628	24APA524A30	CAP**3614A**	58UVB060-14	23400	13.0	15.5
905322	24APA524A30	CAP**3614A**+TDR		23600	12.0	14.0
903724	24APA524A30	CAP**3617A**	58CV(A,X)070-12	23400	13.0	15.5
903072	24APA524A30	CAP**3617A**	58CV(A,X)090-16	23400	13.0	15.5
904574	24APA524A30	CAP**3617A**	58CV(A,X)110-20	23400	13.0	15.5
1389886	24APA524A30	CAP**3617A**	58MV(B,C)060-14	23400	13.0	15.5
1389914	24APA524A30	CAP**3617A**	58MV(B,C)080-14	23400	13.0	15.5
1389934	24APA524A30	CAP**3617A**	58MV(B,C)080-20	23400	13.0	15.5
1389952	24APA524A30	CAP**3617A**	58MV(B,C)100-20	23400	13.0	15.5
1121427	24APA524A30	CAP**3617A**	58UVB060-14	23400	13.0	15.5
1121163	24APA524A30	CAP**3617A**	58UVB080-14	23400	13.0	15.5
1121901	24APA524A30	CAP**3617A**	58UVB080-20	23400	13.0	15.5
1121418	24APA524A30	CAP**3617A**	58UVB100-20	23400	13.0	15.5
904986	24APA524A30	CAP**3617A**+TDR		23600	12.0	14.0
906343	24APA524A30	CAP**3621A**	58CV(A,X)090-16	23400	13.0	15.5
905902	24APA524A30	CAP**3621A**	58CV(A,X)110-20	23400	13.0	15.5
903247	24APA524A30	CAP**3621A**	58CV(A,X)135-22	23400	13.0	15.5
904428	24APA524A30	CAP**3621A**	58CV(A,X)155-22	23400	13.0	15.5
1389884	24APA524A30	CAP**3621A**	58MV(B,C)060-14	23400	13.0	15.5
1389912	24APA524A30	CAP**3621A**	58MV(B,C)080-14	23400	13.0	15.5
1389932	24APA524A30	CAP**3621A**	58MV(B,C)080-20	23400	13.0	15.5
1389968	24APA524A30	CAP**3621A**	58MV(B,C)100-20	23400	13.0	15.5
1389972	24APA524A30	CAP**3621A**	58MV(B,C)120-20	23400	13.0	15.5
905792	24APA524A30	CAP**3621A**	58MVB040-14	23400	13.0	15.5
1121754	24APA524A30	CAP**3621A**	58UVB060-14	23400	13.0	15.5
1121811	24APA524A30	CAP**3621A**	58UVB080-14	23400	13.0	15.5
1121757	24APA524A30	CAP**3621A**	58UVB080-20	23400	13.0	15.5

24APA5

See notes on page 26

# COMBINATION RATINGS CONTINUED

24APAS

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
1152685	24APA524A30	CAP**3621A**	58UVB100-20	23400	13.0	15.5
1121820	24APA524A30	CAP**3621A**	58UVB120-20	23400	13.0	15.5
904027	24APA524A30	CAP**3621A**+TDR		23600	12.0	14.0
904821	24APA524A30	CNPF*2418A**+TDR		23200	12.0	14.0
905501	24APA524A30	CNPF*3618A**+TDR		23600	12.0	14.0
904219	24APA524A30	CNPH*2417A**	58CV(A,X)070-12	23000	13.0	15.0
903422	24APA524A30	CNPH*2417A**	58CV(A,X)090-16	23000	13.0	15.5
904416	24APA524A30	CNPH*2417A**	58CV(A,X)110-20	23000	13.0	15.0
905739	24APA524A30	CNPH*2417A**	58CV(A,X)135-22	23000	13.0	15.5
904077	24APA524A30	CNPH*2417A**	58CV(A,X)155-22	23200	13.0	15.5
3120672	24APA524A30	CNPH*2417A**	58MEB040-12	23200	13.0	15.5
3120673	24APA524A30	CNPH*2417A**	58MEB060-12	23200	12.5	15.0
3120674	24APA524A30	CNPH*2417A**	58MEB080-12	23200	12.5	15.0
1389892	24APA524A30	CNPH*2417A**	58MV(B,C)060-14	23000	13.0	15.5
1389916	24APA524A30	CNPH*2417A**	58MV(B,C)080-14	23000	13.0	15.0
1389948	24APA524A30	CNPH*2417A**	58MV(B,C)080-20	23000	13.0	15.0
1389954	24APA524A30	CNPH*2417A**	58MV(B,C)100-20	23200	13.0	15.5
1389974	24APA524A30	CNPH*2417A**	58MV(B,C)120-20	23000	13.0	15.0
904764	24APA524A30	CNPH*2417A**	58MVB040-14	23000	13.0	15.0
3015237	24APA524A30	CNPH*2417A**	58PH*045-08	23200	12.5	15.3
906425	24APA524A30	CNPH*2417A**+TDR		23200	12.0	14.0
904550	24APA524A30	CNPH*3017A**	58CV(A,X)070-12	23200	13.0	15.5
903237	24APA524A30	CNPH*3017A**	58CV(A,X)090-16	23400	13.0	15.5
906032	24APA524A30	CNPH*3017A**	58CV(A,X)110-20	23400	13.0	15.5
903874	24APA524A30	CNPH*3017A**	58CV(A,X)135-22	23400	13.0	15.5
904744	24APA524A30	CNPH*3017A**	58CV(A,X)155-22	23400	13.0	15.5
3120675	24APA524A30	CNPH*3017A**	58MEB040-12	23400	13.0	15.5
3120676	24APA524A30	CNPH*3017A**	58MEB060-12	23400	13.0	15.5
3120677	24APA524A30	CNPH*3017A**	58MEB080-12	23400	13.0	15.5
1389908	24APA524A30	CNPH*3017A**	58MV(B,C)060-14	23400	13.0	15.5
1389918	24APA524A30	CNPH*3017A**	58MV(B,C)080-14	23400	13.0	15.5
1389936	24APA524A30	CNPH*3017A**	58MV(B,C)080-20	23400	13.0	15.5
1389956	24APA524A30	CNPH*3017A**	58MV(B,C)100-20	23400	13.0	15.5
1389976	24APA524A30	CNPH*3017A**	58MV(B,C)120-20	23200	13.0	15.5
903969	24APA524A30	CNPH*3017A**	58MVB040-14	23400	13.0	15.5
3015238	24APA524A30	CNPH*3017A**	58PH*045-08	23400	13.0	15.5
903963	24APA524A30	CNPH*3017A**+TDR		23600	12.0	14.0
905253	24APA524A30	CNPH*3617A**	58CV(A,X)070-12	23200	13.0	15.5
904029	24APA524A30	CNPH*3617A**	58CV(A,X)090-16	23400	13.0	15.5
903583	24APA524A30	CNPH*3617A**	58CV(A,X)110-20	23400	13.0	15.5
905118	24APA524A30	CNPH*3617A**	58CV(A,X)135-22	23400	13.0	15.5
904425	24APA524A30	CNPH*3617A**	58CV(A,X)155-22	23400	13.0	15.5
1389894	24APA524A30	CNPH*3617A**	58MV(B,C)060-14	23400	13.0	15.5
1389920	24APA524A30	CNPH*3617A**	58MV(B,C)080-14	23400	13.0	15.5
1389938	24APA524A30	CNPH*3617A**	58MV(B,C)080-20	23400	13.0	15.5
1389970	24APA524A30	CNPH*3617A**	58MV(B,C)100-20	23400	13.0	15.5
1389980	24APA524A30	CNPH*3617A**	58MV(B,C)120-20	23200	13.0	15.5
904932	24APA524A30	CNPH*3617A**	58MVB040-14	23400	13.0	15.5
905378	24APA524A30	CNPH*3617A**+TDR		23600	12.0	14.0
905611	24APA524A30	CNPV*2414A**	58CV(A,X)070-12	23000	13.0	15.0
3015235	24APA524A30	CNPV*2414A**	58PH*045-08	23200	12.5	15.3
1144594	24APA524A30	CNPV*2414A**	58VLR105-12	23200	13.0	15.5
1144592	24APA524A30	CNPV*2414A**	58VMR105-12	23000	12.5	15.0
906313	24APA524A30	CNPV*2414A**+TDR		23200	12.0	14.0
903625	24APA524A30	CNPV*2417A**	58CV(A,X)090-16	23000	13.0	15.5
3120666	24APA524A30	CNPV*2417A**	58MEB040-12	23200	13.0	15.5
3120667	24APA524A30	CNPV*2417A**	58MEB060-12	23200	12.5	15.0
3120668	24APA524A30	CNPV*2417A**	58MEB080-12	23200	12.5	15.0
1389910	24APA524A30	CNPV*2417A**	58MV(B,C)060-14	23000	13.0	15.5
1121874	24APA524A30	CNPV*2417A**	58UVB060-14	23000	13.0	15.5
1144598	24APA524A30	CNPV*2417A**	58VLR105-12	23200	13.0	15.5
1144596	24APA524A30	CNPV*2417A**	58VMR105-12	23000	12.5	15.0
903069	24APA524A30	CNPV*2417A**+TDR		23200	12.0	14.0
905669	24APA524A30	CNPV*3014A**	58CV(A,X)070-12	23200	13.0	15.5
3015236	24APA524A30	CNPV*3014A**	58PH*045-08	23400	13.0	15.5
1144602	24APA524A30	CNPV*3014A**	58VLR105-12	22800	13.0	15.5
1144600	24APA524A30	CNPV*3014A**	58VMR105-12	23200	13.0	15.5
903468	24APA524A30	CNPV*3014A**+TDR		23600	12.0	14.0
905469	24APA524A30	CNPV*3017A**	58CV(A,X)090-16	23400	13.0	15.5
3120669	24APA524A30	CNPV*3017A**	58MEB040-12	23400	13.0	15.5
3120670	24APA524A30	CNPV*3017A**	58MEB060-12	23400	13.0	15.5
3120671	24APA524A30	CNPV*3017A**	58MEB080-12	23400	13.0	15.5
1389896	24APA524A30	CNPV*3017A**	58MV(B,C)060-14	23400	13.0	15.5
1121814	24APA524A30	CNPV*3017A**	58UVB060-14	23400	13.0	15.5
1144606	24APA524A30	CNPV*3017A**	58VLR105-12	22800	13.0	15.5

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# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
1144604	24APA524A30	CNPV*3017A**	58VMR105-12	23400	13.0	15.5
905098	24APA524A30	CNPV*3017A**+TDR		23600	12.0	14.0
904925	24APA524A30	CNPV*3617A**	58CV(A,X)070-12	23200	13.0	15.5
904566	24APA524A30	CNPV*3617A**	58CV(A,X)090-16	23400	13.0	15.5
906297	24APA524A30	CNPV*3617A**	58CV(A,X)110-20	23400	13.0	15.5
1389898	24APA524A30	CNPV*3617A**	58MV(B,C)060-14	23400	13.0	15.5
1389922	24APA524A30	CNPV*3617A**	58MV(B,C)080-14	23400	13.0	15.5
1389940	24APA524A30	CNPV*3617A**	58MV(B,C)080-20	23400	13.0	15.5
1389958	24APA524A30	CNPV*3617A**	58MV(B,C)100-20	23400	13.0	15.5
1121319	24APA524A30	CNPV*3617A**	58UVB060-14	23400	13.0	15.5
1121151	24APA524A30	CNPV*3617A**	58UVB080-14	23400	13.0	15.5
1121634	24APA524A30	CNPV*3617A**	58UVB080-20	23400	13.0	15.5
1121583	24APA524A30	CNPV*3617A**	58UVB100-20	23400	13.0	15.5
903184	24APA524A30	CNPV*3617A**+TDR		23600	12.0	14.0
903233	24APA524A30	CNPV*3621A**	58CV(A,X)090-16	23400	13.0	15.5
904516	24APA524A30	CNPV*3621A**	58CV(A,X)110-20	23400	13.0	15.5
904935	24APA524A30	CNPV*3621A**	58CV(A,X)135-22	23400	13.0	15.5
904581	24APA524A30	CNPV*3621A**	58CV(A,X)155-22	23400	13.0	15.5
1389900	24APA524A30	CNPV*3621A**	58MV(B,C)060-14	23400	13.0	15.5
1389924	24APA524A30	CNPV*3621A**	58MV(B,C)080-14	23400	13.0	15.5
1389942	24APA524A30	CNPV*3621A**	58MV(B,C)080-20	23400	13.0	15.5
1389960	24APA524A30	CNPV*3621A**	58MV(B,C)100-20	23400	13.0	15.5
1389982	24APA524A30	CNPV*3621A**	58MV(B,C)120-20	23400	13.0	15.5
903295	24APA524A30	CNPV*3621A**	58MVB040-14	23400	13.0	15.5
1121463	24APA524A30	CNPV*3621A**	58UVB060-14	23400	13.0	15.5
1121202	24APA524A30	CNPV*3621A**	58UVB080-14	23400	13.0	15.5
1121127	24APA524A30	CNPV*3621A**	58UVB080-20	23400	13.0	15.5
1121751	24APA524A30	CNPV*3621A**	58UVB100-20	23400	13.0	15.5
1152688	24APA524A30	CNPV*3621A**	58UVB120-20	23400	13.0	15.5
905686	24APA524A30	CNPV*3621A**+TDR		23600	12.0	14.0
905425	24APA524A30	CSPH*2412A**	58CV(A,X)070-12	23200	13.0	15.5
906366	24APA524A30	CSPH*2412A**	58CV(A,X)090-16	23400	13.0	15.5
905211	24APA524A30	CSPH*2412A**	58CV(A,X)110-20	23400	13.0	15.5
904312	24APA524A30	CSPH*2412A**	58CV(A,X)135-22	23400	13.0	15.5
905654	24APA524A30	CSPH*2412A**	58CV(A,X)155-22	23400	13.0	15.5
3120678	24APA524A30	CSPH*2412A**	58MEB040-12	23400	13.0	15.5
3120679	24APA524A30	CSPH*2412A**	58MEB060-12	23400	13.0	15.5
3120680	24APA524A30	CSPH*2412A**	58MEB080-12	23400	13.0	15.5
1389902	24APA524A30	CSPH*2412A**	58MV(B,C)060-14	23400	13.0	15.5
1389926	24APA524A30	CSPH*2412A**	58MV(B,C)080-14	23400	13.0	15.5
1389944	24APA524A30	CSPH*2412A**	58MV(B,C)080-20	23400	13.0	15.5
1389962	24APA524A30	CSPH*2412A**	58MV(B,C)100-20	23400	13.0	15.5
1389984	24APA524A30	CSPH*2412A**	58MV(B,C)120-20	23200	13.0	15.5
903266	24APA524A30	CSPH*2412A**	58MVB040-14	23400	13.0	15.5
3015239	24APA524A30	CSPH*2412A**	58PH*045-08	23200	12.5	15.3
904749	24APA524A30	CSPH*2412A**+TDR		23600	12.0	14.0
904957	24APA524A30	CSPH*3012A**	58CV(A,X)070-12	23400	13.0	15.5
906363	24APA524A30	CSPH*3012A**	58CV(A,X)090-16	23400	13.0	15.5
904399	24APA524A30	CSPH*3012A**	58CV(A,X)110-20	23400	13.0	15.5
903377	24APA524A30	CSPH*3012A**	58CV(A,X)135-22	23400	13.0	15.5
905328	24APA524A30	CSPH*3012A**	58CV(A,X)155-22	23400	13.0	15.5
3120681	24APA524A30	CSPH*3012A**	58MEB040-12	23400	13.0	15.5
3120682	24APA524A30	CSPH*3012A**	58MEB060-12	23400	13.0	15.5
3120683	24APA524A30	CSPH*3012A**	58MEB080-12	23400	13.0	15.5
1389904	24APA524A30	CSPH*3012A**	58MV(B,C)060-14	23400	13.0	15.5
1389928	24APA524A30	CSPH*3012A**	58MV(B,C)080-14	23400	13.0	15.5
1389950	24APA524A30	CSPH*3012A**	58MV(B,C)080-20	23400	13.0	15.5
1389964	24APA524A30	CSPH*3012A**	58MV(B,C)100-20	23400	13.0	15.5
1389986	24APA524A30	CSPH*3012A**	58MV(B,C)120-20	23400	13.0	15.5
903410	24APA524A30	CSPH*3012A**	58MVB040-14	23400	13.0	15.5
3015240	24APA524A30	CSPH*3012A**	58PH*045-08	23600	13.0	15.5
906446	24APA524A30	CSPH*3012A**+TDR		23600	12.0	14.0
906387	24APA524A30	CSPH*3612A**	58CV(A,X)070-12	23600	13.0	15.5
904442	24APA524A30	CSPH*3612A**	58CV(A,X)090-16	23800	13.0	15.5
904658	24APA524A30	CSPH*3612A**	58CV(A,X)110-20	23800	13.0	15.5
906158	24APA524A30	CSPH*3612A**	58CV(A,X)135-22	23800	13.0	15.5
905849	24APA524A30	CSPH*3612A**	58CV(A,X)155-22	23800	13.0	15.5
1389906	24APA524A30	CSPH*3612A**	58MV(B,C)060-14	23600	13.0	15.5
1389930	24APA524A30	CSPH*3612A**	58MV(B,C)080-14	23600	13.0	15.5
1389946	24APA524A30	CSPH*3612A**	58MV(B,C)080-20	23000	13.0	15.5
1389966	24APA524A30	CSPH*3612A**	58MV(B,C)100-20	23800	13.0	15.5
1389978	24APA524A30	CSPH*3612A**	58MV(B,C)120-20	23600	13.0	15.5
903807	24APA524A30	CSPH*3612A**	58MVB040-14	23600	13.0	15.5
905472	24APA524A30	CSPH*3612A**+TDR		23800	12.0	14.0
1249638	24APA524A30	FE4AN(B,F)003+UI		23600	13.2	16.0

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
1249703	24APA524A30	FE4ANF002+UI		23600	13.0	15.5
1249709	24APA524A30	FE5ANB004+UI		24200	13.2	16.0
903589	24APA524A30	FF1ENP024		23200	11.7	13.5
903493	24APA524A30	FF1ENP030		23200	11.7	13.5
904190	24APA524A30	FF1ENP036		23400	11.7	13.5
1348217	24APA524A30	FV4BN(B,F)003		23600	13.0	16.0
906120	24APA524A30	FV4BNF002		23600	13.0	15.0
905796	24APA524A30	FX4CN(B,F)036		23600	12.5	14.5
906079	24APA524A30	FX4CNF024		23400	13.0	15.0
904724	24APA524A30	FX4CNF030		23800	13.0	15.0
906501	24APA524A30	FY4ANF024		23000	11.7	13.5
906104	24APA524A30	FY4ANF030		23400	12.0	14.0
903764	24APA524A30	FY4ANF036		23400	11.7	13.5
906144	24APA530A30	†CAP**3617A**+TDR		28800	12.0	14.0
903138	24APA530A30	CAP**3014A**	58CV(A,X)070-12	28800	12.9	15.0
905532	24APA530A30	CAP**3014A**+TDR		28600	12.0	14.0
905320	24APA530A30	CAP**3017A**	58CV(A,X)090-16	28800	13.0	15.5
3120796	24APA530A30	CAP**3017A**	58MEB040-12	29600	12.5	15.0
3120797	24APA530A30	CAP**3017A**	58MEB060-12	29600	12.5	15.0
3120798	24APA530A30	CAP**3017A**	58MEB080-12	29600	12.5	15.0
3120799	24APA530A30	CAP**3017A**	58MEB080-16	29600	12.5	15.0
1390000	24APA530A30	CAP**3017A**	58MV(B,C)060-14	28800	13.0	15.0
3015241	24APA530A30	CAP**3017A**	58PH*070-16	29200	12.5	15.0
1121241	24APA530A30	CAP**3017A**	58UVB060-14	28800	13.0	15.0
1330127	24APA530A30	CAP**3017A**	58UVB080-14	28800	13.0	15.0
903081	24APA530A30	CAP**3017A**+TDR		28600	12.0	14.0
905384	24APA530A30	CAP**3614A**	58CV(A,X)070-12	28800	12.9	15.0
903668	24APA530A30	CAP**3614A**+TDR		28800	12.0	14.0
903359	24APA530A30	CAP**3617A**	58CV(A,X)090-16	29600	13.0	15.0
3120800	24APA530A30	CAP**3617A**	58MEB040-12	29600	13.0	15.5
3120801	24APA530A30	CAP**3617A**	58MEB060-12	29600	13.0	15.5
3120802	24APA530A30	CAP**3617A**	58MEB080-12	29600	13.0	15.5
3120803	24APA530A30	CAP**3617A**	58MEB080-16	29600	12.5	15.0
1390028	24APA530A30	CAP**3617A**	58MV(B,C)080-14	28800	13.0	15.5
3015242	24APA530A30	CAP**3617A**	58PH*070-16	29400	12.5	15.5
1122054	24APA530A30	CAP**3617A**	58UVB060-14	29600	12.5	15.0
1293934	24APA530A30	CAP**3617A**	58UVB080-14	28800	13.0	15.5
906499	24APA530A30	CAP**3621A**	58CV(A,X)110-20	29000	13.0	15.5
1390022	24APA530A30	CAP**3621A**	58MV(B,C)080-14	29000	13.0	15.5
1390040	24APA530A30	CAP**3621A**	58MV(B,C)080-20	29000	13.0	15.5
1390072	24APA530A30	CAP**3621A**	58MV(B,C)100-20	29000	13.0	15.5
3015243	24APA530A30	CAP**3621A**	58PH*090-16	29600	13.0	15.5
1121379	24APA530A30	CAP**3621A**	58UVB080-14	29000	13.0	15.5
1121880	24APA530A30	CAP**3621A**	58UVB080-20	29000	13.0	15.5
1152697	24APA530A30	CAP**3621A**	58UVB100-20	29000	13.0	15.5
903917	24APA530A30	CAP**3621A**+TDR		28800	12.0	14.0
906212	24APA530A30	CAP**4221A**	58CV(A,X)090-16	29200	13.0	15.5
906642	24APA530A30	CAP**4221A**	58CV(A,X)110-20	29200	13.0	15.5
905488	24APA530A30	CAP**4221A**	58CV(A,X)135-22	29200	13.0	15.5
906280	24APA530A30	CAP**4221A**	58CV(A,X)155-22	29200	13.0	15.5
1389990	24APA530A30	CAP**4221A**	58MV(B,C)060-14	29000	13.0	15.5
1390020	24APA530A30	CAP**4221A**	58MV(B,C)080-14	29200	13.0	15.5
1390038	24APA530A30	CAP**4221A**	58MV(B,C)080-20	29000	13.0	15.5
1390060	24APA530A30	CAP**4221A**	58MV(B,C)100-20	29200	13.0	15.5
1390082	24APA530A30	CAP**4221A**	58MV(B,C)120-20	29000	13.0	15.5
1121484	24APA530A30	CAP**4221A**	58UVB060-14	29000	13.0	15.5
1121826	24APA530A30	CAP**4221A**	58UVB080-14	29200	13.0	15.5
1121865	24APA530A30	CAP**4221A**	58UVB080-20	29000	13.0	15.5
1121181	24APA530A30	CAP**4221A**	58UVB100-20	29200	13.0	15.5
1121958	24APA530A30	CAP**4221A**	58UVB120-20	29000	13.0	15.5
905024	24APA530A30	CAP**4221A**+TDR		29000	12.0	14.0
903624	24APA530A30	CAP**4224A**	58CV(A,X)110-20	29200	13.0	15.5
903162	24APA530A30	CAP**4224A**	58CV(A,X)135-22	29200	13.0	15.5
905452	24APA530A30	CAP**4224A**	58CV(A,X)155-22	29200	13.0	15.5
1390012	24APA530A30	CAP**4224A**	58MV(B,C)080-14	29200	13.0	15.5
1390036	24APA530A30	CAP**4224A**	58MV(B,C)080-20	29000	13.0	15.5
1390058	24APA530A30	CAP**4224A**	58MV(B,C)100-20	29200	13.0	15.5
1390080	24APA530A30	CAP**4224A**	58MV(B,C)120-20	29000	13.0	15.5
1121853	24APA530A30	CAP**4224A**	58UVB080-14	29200	13.0	15.5
1121520	24APA530A30	CAP**4224A**	58UVB080-20	29000	13.0	15.5
1121640	24APA530A30	CAP**4224A**	58UVB100-20	29200	13.0	15.5
1121352	24APA530A30	CAP**4224A**	58UVB120-20	29000	13.0	15.5
904533	24APA530A30	CAP**4224A**+TDR		29000	12.0	14.0
906573	24APA530A30	CNPF*3618A**+TDR		28800	12.0	14.0

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
904941	24APA530A30	CNPH*3017A**	58CV(A,X)070-12	28800	12.9	15.0
904111	24APA530A30	CNPH*3017A**	58CV(A,X)090-16	28800	13.0	15.5
905815	24APA530A30	CNPH*3017A**	58CV(A,X)110-20	29000	13.0	15.0
905131	24APA530A30	CNPH*3017A**	58CV(A,X)135-22	29000	13.0	15.5
905563	24APA530A30	CNPH*3017A**	58CV(A,X)155-22	29000	13.0	15.5
3120812	24APA530A30	CNPH*3017A**	58MEB040-12	29600	12.5	15.0
3120813	24APA530A30	CNPH*3017A**	58MEB060-12	29600	12.5	15.0
3120814	24APA530A30	CNPH*3017A**	58MEB080-12	29600	12.5	15.0
3120815	24APA530A30	CNPH*3017A**	58MEB080-16	29600	12.5	15.0
1389992	24APA530A30	CNPH*3017A**	58MV(B,C)060-14	28800	13.0	15.0
1390014	24APA530A30	CNPH*3017A**	58MV(B,C)080-14	28800	13.0	15.0
1390042	24APA530A30	CNPH*3017A**	58MV(B,C)080-20	28800	13.0	15.0
1390062	24APA530A30	CNPH*3017A**	58MV(B,C)100-20	28800	13.0	15.0
1390084	24APA530A30	CNPH*3017A**	58MV(B,C)120-20	28800	13.0	15.0
3015247	24APA530A30	CNPH*3017A**	58PH*070-16	29200	12.5	15.0
3015248	24APA530A30	CNPH*3017A**	58PH*090-16	29200	13.0	15.5
903608	24APA530A30	CNPH*3017A**+TDR		28800	12.0	14.0
905826	24APA530A30	CNPH*3617A**	58CV(A,X)070-12	28800	12.9	15.0
903444	24APA530A30	CNPH*3617A**	58CV(A,X)090-16	28800	13.0	15.5
905560	24APA530A30	CNPH*3617A**	58CV(A,X)110-20	29000	13.0	15.0
904147	24APA530A30	CNPH*3617A**	58CV(A,X)135-22	29000	13.0	15.5
905115	24APA530A30	CNPH*3617A**	58CV(A,X)155-22	29000	13.0	15.5
3120816	24APA530A30	CNPH*3617A**	58MEB040-12	29600	12.5	15.0
3120817	24APA530A30	CNPH*3617A**	58MEB060-12	29600	12.5	15.0
3120818	24APA530A30	CNPH*3617A**	58MEB080-12	29600	12.5	15.0
3120819	24APA530A30	CNPH*3617A**	58MEB080-16	29600	12.5	15.0
1389994	24APA530A30	CNPH*3617A**	58MV(B,C)060-14	28800	13.0	15.0
1390016	24APA530A30	CNPH*3617A**	58MV(B,C)080-14	28800	13.0	15.0
1390048	24APA530A30	CNPH*3617A**	58MV(B,C)080-20	28800	13.0	15.0
1390064	24APA530A30	CNPH*3617A**	58MV(B,C)100-20	28800	13.0	15.0
1390086	24APA530A30	CNPH*3617A**	58MV(B,C)120-20	28800	13.0	15.0
3015249	24APA530A30	CNPH*3617A**	58PH*070-16	29200	12.5	15.5
3015250	24APA530A30	CNPH*3617A**	58PH*090-16	29200	13.0	15.5
905820	24APA530A30	CNPH*3617A**+TDR		28800	12.0	14.0
903168	24APA530A30	CNPH*4221A**	58CV(A,X)070-12	29200	13.0	15.5
906081	24APA530A30	CNPH*4221A**	58CV(A,X)090-16	29200	13.0	15.5
905382	24APA530A30	CNPH*4221A**	58CV(A,X)110-20	29200	13.0	15.5
903569	24APA530A30	CNPH*4221A**	58CV(A,X)135-22	29200	13.2	16.0
906062	24APA530A30	CNPH*4221A**	58CV(A,X)155-22	29400	13.2	16.0
1389996	24APA530A30	CNPH*4221A**	58MV(B,C)060-14	29200	13.0	15.5
1390024	24APA530A30	CNPH*4221A**	58MV(B,C)080-14	29200	13.0	15.5
1390044	24APA530A30	CNPH*4221A**	58MV(B,C)080-20	29200	13.0	15.5
1390066	24APA530A30	CNPH*4221A**	58MV(B,C)100-20	29200	13.0	15.5
1390088	24APA530A30	CNPH*4221A**	58MV(B,C)120-20	29200	13.0	15.5
906576	24APA530A30	CNPH*4221A**+TDR		29000	12.0	14.0
903997	24APA530A30	CNPV*3014A**	58CV(A,X)070-12	28800	12.8	15.0
1144610	24APA530A30	CNPV*3014A**	58VLR105-12	29000	12.5	15.0
1144608	24APA530A30	CNPV*3014A**	58VLR105-12	28600	12.5	15.0
906270	24APA530A30	CNPV*3014A**+TDR		28800	12.0	14.0
906413	24APA530A30	CNPV*3017A**	58CV(A,X)090-16	28800	13.0	15.5
3120804	24APA530A30	CNPV*3017A**	58MEB040-12	29600	12.5	15.0
3120805	24APA530A30	CNPV*3017A**	58MEB060-12	29600	12.5	15.0
3120806	24APA530A30	CNPV*3017A**	58MEB080-12	29600	12.5	15.0
3120807	24APA530A30	CNPV*3017A**	58MEB080-16	29600	12.5	15.0
1390002	24APA530A30	CNPV*3017A**	58MV(B,C)060-14	28800	13.0	15.0
3015244	24APA530A30	CNPV*3017A**	58PH*070-16	29200	12.5	15.0
1152709	24APA530A30	CNPV*3017A**	58UVB060-14	28800	13.0	15.0
1144614	24APA530A30	CNPV*3017A**	58VLR105-12	29000	13.0	15.5
1144612	24APA530A30	CNPV*3017A**	58VLR105-12	28600	13.0	15.5
904747	24APA530A30	CNPV*3017A**+TDR		28800	12.0	14.0
1411235	24APA530A30	CNPV*3617A**	58CV(A,X)070-12	28800	12.9	15.0
904752	24APA530A30	CNPV*3617A**	58CV(A,X)090-16	28800	13.0	15.5
3120808	24APA530A30	CNPV*3617A**	58MEB040-12	29600	12.5	15.0
3120809	24APA530A30	CNPV*3617A**	58MEB060-12	29600	12.5	15.0
3120810	24APA530A30	CNPV*3617A**	58MEB080-12	29600	12.5	15.0
3120811	24APA530A30	CNPV*3617A**	58MEB080-16	29600	12.5	15.0
1389998	24APA530A30	CNPV*3617A**	58MV(B,C)060-14	28800	13.0	15.0
3015245	24APA530A30	CNPV*3617A**	58PH*070-16	29200	12.5	15.5
1121214	24APA530A30	CNPV*3617A**	58UVB060-14	28800	13.0	15.0
1144618	24APA530A30	CNPV*3617A**	58VLR105-12	29000	13.0	15.5
1144616	24APA530A30	CNPV*3617A**	58VLR105-12	28600	13.0	15.5
903163	24APA530A30	CNPV*3617A**+TDR		28800	12.0	14.0
904042	24APA530A30	CNPV*3621A**	58CV(A,X)110-20	29000	13.0	15.5
1390018	24APA530A30	CNPV*3621A**	58MV(B,C)080-14	28800	13.0	15.0
1390046	24APA530A30	CNPV*3621A**	58MV(B,C)080-20	28800	13.0	15.0

24APA5

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24APA5

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
1390068	24APA530A30	CNPV*3621A**	58MV(B,C)100-20	28800	13.0	15.0
3015246	24APA530A30	CNPV*3621A**	58PH*090-16	29400	13.0	15.5
1121112	24APA530A30	CNPV*3621A**	58UVB080-14	28800	13.0	15.0
1121832	24APA530A30	CNPV*3621A**	58UVB080-20	28800	13.0	15.0
1122069	24APA530A30	CNPV*3621A**	58UVB100-20	28800	13.0	15.0
1144622	24APA530A30	CNPV*3621A**	58VLR105-12	29000	13.0	15.5
1144620	24APA530A30	CNPV*3621A**	58VLR105-12	28600	13.0	15.5
905067	24APA530A30	CNPV*3621A**+TDR		28800	12.0	14.0
905954	24APA530A30	CNPV*4221A**	58CV(A,X)090-16	29200	13.0	15.5
906472	24APA530A30	CNPV*4221A**	58CV(A,X)110-20	29200	13.0	15.5
904348	24APA530A30	CNPV*4221A**	58CV(A,X)135-22	29200	13.2	16.0
905444	24APA530A30	CNPV*4221A**	58CV(A,X)155-22	29400	13.2	16.0
1390004	24APA530A30	CNPV*4221A**	58MV(B,C)060-14	29200	13.0	15.5
1390026	24APA530A30	CNPV*4221A**	58MV(B,C)080-14	29200	13.0	15.5
1390050	24APA530A30	CNPV*4221A**	58MV(B,C)080-20	29200	13.0	15.5
1390070	24APA530A30	CNPV*4221A**	58MV(B,C)100-20	29200	13.0	15.5
1390090	24APA530A30	CNPV*4221A**	58MV(B,C)120-20	29200	13.0	15.5
1152712	24APA530A30	CNPV*4221A**	58UVB060-14	29200	13.0	15.5
1121547	24APA530A30	CNPV*4221A**	58UVB080-14	29200	13.0	15.5
1152715	24APA530A30	CNPV*4221A**	58UVB080-20	29200	13.0	15.5
1121658	24APA530A30	CNPV*4221A**	58UVB100-20	29200	13.0	15.5
1121136	24APA530A30	CNPV*4221A**	58UVB120-20	29200	13.0	15.5
903408	24APA530A30	CNPV*4221A**+TDR		29000	12.0	14.0
905604	24APA530A30	CSPH*3012A**	58CV(A,X)070-12	29000	12.9	15.0
903023	24APA530A30	CSPH*3012A**	58CV(A,X)090-16	29000	13.0	15.0
906529	24APA530A30	CSPH*3012A**	58CV(A,X)110-20	29000	13.0	15.0
905543	24APA530A30	CSPH*3012A**	58CV(A,X)135-22	29000	13.0	15.5
905134	24APA530A30	CSPH*3012A**	58CV(A,X)155-22	29000	13.0	15.5
3120820	24APA530A30	CSPH*3012A**	58MEB040-12	29600	12.5	15.0
3120821	24APA530A30	CSPH*3012A**	58MEB060-12	29600	12.5	15.0
3120822	24APA530A30	CSPH*3012A**	58MEB080-12	29600	12.5	15.0
3120823	24APA530A30	CSPH*3012A**	58MEB080-16	29600	12.5	15.0
1390006	24APA530A30	CSPH*3012A**	58MV(B,C)060-14	29000	13.0	15.0
1390030	24APA530A30	CSPH*3012A**	58MV(B,C)080-14	29000	12.9	15.0
1390052	24APA530A30	CSPH*3012A**	58MV(B,C)080-20	29000	13.0	15.0
1390074	24APA530A30	CSPH*3012A**	58MV(B,C)100-20	29000	13.0	15.0
1390092	24APA530A30	CSPH*3012A**	58MV(B,C)120-20	29000	13.0	15.0
3015251	24APA530A30	CSPH*3012A**	58PH*070-16	29200	12.5	15.0
3015252	24APA530A30	CSPH*3012A**	58PH*090-16	29200	13.0	15.5
905714	24APA530A30	CSPH*3012A**+TDR		28800	12.0	14.0
903841	24APA530A30	CSPH*3612A**	58CV(A,X)070-12	29400	13.0	15.5
903105	24APA530A30	CSPH*3612A**	58CV(A,X)110-20	29400	13.0	15.5
906390	24APA530A30	CSPH*3612A**	58CV(A,X)135-22	29400	13.0	15.5
905399	24APA530A30	CSPH*3612A**	58CV(A,X)155-22	29400	13.0	15.5
3120824	24APA530A30	CSPH*3612A**	58MEB040-12	29600	13.0	15.5
3120825	24APA530A30	CSPH*3612A**	58MEB060-12	29600	13.0	15.5
3120826	24APA530A30	CSPH*3612A**	58MEB080-12	29600	13.0	15.5
3120827	24APA530A30	CSPH*3612A**	58MEB080-16	29600	12.5	15.0
1390008	24APA530A30	CSPH*3612A**	58MV(B,C)060-14	29400	13.0	15.5
1390032	24APA530A30	CSPH*3612A**	58MV(B,C)080-14	29400	13.0	15.5
1390054	24APA530A30	CSPH*3612A**	58MV(B,C)080-20	29400	13.0	15.5
1390076	24APA530A30	CSPH*3612A**	58MV(B,C)100-20	29400	13.0	15.5
1390094	24APA530A30	CSPH*3612A**	58MV(B,C)120-20	29400	13.0	15.5
3015253	24APA530A30	CSPH*3612A**	58PH*070-16	29400	12.5	15.5
3015254	24APA530A30	CSPH*3612A**	58PH*090-16	29600	13.0	15.5
903781	24APA530A30	CSPH*3612A**+TDR		29200	12.0	14.0
905655	24APA530A30	CSPH*4212A**	58CV(A,X)070-12	29400	13.0	15.5
905890	24APA530A30	CSPH*4212A**	58CV(A,X)090-16	29600	13.0	15.5
905757	24APA530A30	CSPH*4212A**	58CV(A,X)110-20	29600	13.0	15.5
903763	24APA530A30	CSPH*4212A**	58CV(A,X)135-22	29600	13.0	15.5
903117	24APA530A30	CSPH*4212A**	58CV(A,X)155-22	29600	13.0	15.5
1389988	24APA530A30	CSPH*4212A**	58MV(B,C)060-14	29400	13.0	15.5
1390010	24APA530A30	CSPH*4212A**	58MV(B,C)080-14	29600	13.0	15.5
1390034	24APA530A30	CSPH*4212A**	58MV(B,C)080-20	29600	13.0	15.5
1390056	24APA530A30	CSPH*4212A**	58MV(B,C)100-20	29600	13.0	15.5
1390078	24APA530A30	CSPH*4212A**	58MV(B,C)120-20	29400	13.0	15.5
905595	24APA530A30	CSPH*4212A**+TDR		29400	12.0	14.0
1249635	24APA530A30	FE4AN(B,F)003+UI		29200	13.0	15.5
1249650	24APA530A30	FE4AN(B,F)005+UI		30000	13.2	16.0
1249706	24APA530A30	FE4ANF002+UI		29000	13.0	15.5
1249712	24APA530A30	FE5ANB004+UI		30200	13.2	16.0
904700	24APA530A30	FF1ENP030		28200	11.9	13.5
905634	24APA530A30	FF1ENP036		28800	12.0	14.0
1348220	24APA530A30	FV4BN(B,F)003		29200	13.0	15.5
1348223	24APA530A30	FV4BN(B,F)005		30000	12.5	15.0

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# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
906135	24APA530A30	FV4BNF002		29000	13.0	15.5
904066	24APA530A30	FX4CN(B,F)036		29000	12.5	15.0
904690	24APA530A30	FX4CN(B,F)042		29200	12.4	14.5
905731	24APA530A30	FX4CNF030		28600	12.5	15.0
904918	24APA530A30	FY4ANF030		28400	12.0	14.0
904702	24APA530A30	FY4ANF036		28600	11.9	13.5
905753	24APA536A30	†CAP**4221A**+TDR		35000	12.0	14.0
905894	24APA536A30	CAP**3614A**	58CV(A,X)070-12	34600	12.5	14.5
3015255	24APA536A30	CAP**3614A**	58PH*045-08	34000	12.0	14.0
903027	24APA536A30	CAP**3614A**+TDR		34600	12.0	14.0
902973	24APA536A30	CAP**3617A**	58CV(A,X)090-16	34800	12.9	15.0
3120688	24APA536A30	CAP**3617A**	58MEB040-12	35000	12.2	14.5
3120689	24APA536A30	CAP**3617A**	58MEB060-12	35000	12.2	14.5
3120690	24APA536A30	CAP**3617A**	58MEB080-12	35000	12.5	15.0
3120691	24APA536A30	CAP**3617A**	58MEB080-16	35000	12.2	14.5
1390116	24APA536A30	CAP**3617A**	58MV(B,C)060-14	34600	12.8	15.0
3015256	24APA536A30	CAP**3617A**	58PH*070-16	35000	12.2	14.8
1152721	24APA536A30	CAP**3617A**	58UVB060-14	34600	12.8	15.0
904948	24APA536A30	CAP**3617A**+TDR		34800	11.9	14.0
904569	24APA536A30	CAP**3621A**	58CV(A,X)110-20	34800	13.0	15.0
3120692	24APA536A30	CAP**3621A**	58MEB100-20	35000	12.5	15.0
1390124	24APA536A30	CAP**3621A**	58MV(B,C)080-14	34600	12.5	14.5
1390150	24APA536A30	CAP**3621A**	58MV(B,C)080-20	34600	12.8	15.0
1390182	24APA536A30	CAP**3621A**	58MV(B,C)100-20	34800	12.9	15.0
3015257	24APA536A30	CAP**3621A**	58PH*090-16	35400	12.5	15.5
3015258	24APA536A30	CAP**3621A**	58PH*110-20	35600	13.0	15.5
1121910	24APA536A30	CAP**3621A**	58UVB080-14	34600	12.5	14.5
1121316	24APA536A30	CAP**3621A**	58UVB080-20	34600	12.8	15.0
1121781	24APA536A30	CAP**3621A**	58UVB100-20	34800	12.9	15.0
903793	24APA536A30	CAP**3621A**+TDR		34800	11.9	14.0
904315	24APA536A30	CAP**4221A**	58CV(A,X)110-20	35200	13.0	15.5
3120693	24APA536A30	CAP**4221A**	58MEB100-20	35000	12.5	15.0
1390140	24APA536A30	CAP**4221A**	58MV(B,C)080-14	34800	12.7	15.0
1390170	24APA536A30	CAP**4221A**	58MV(B,C)080-20	35000	12.9	15.0
3015259	24APA536A30	CAP**4221A**	58PH*090-16	35800	13.0	15.5
3015260	24APA536A30	CAP**4221A**	58PH*110-20	35800	13.0	15.5
1121274	24APA536A30	CAP**4221A**	58UVB080-14	34800	12.7	15.0
1121313	24APA536A30	CAP**4221A**	58UVB080-20	35000	12.9	15.0
1121667	24APA536A30	CAP**4221A**	58UVB100-20	35800	12.9	15.0
905374	24APA536A30	CAP**4224A**	58CV(A,X)135-22	35000	13.0	15.5
906335	24APA536A30	CAP**4224A**	58CV(A,X)155-22	35200	13.0	15.5
1390208	24APA536A30	CAP**4224A**	58MV(B,C)120-20	35000	13.0	15.0
1121487	24APA536A30	CAP**4224A**	58UVB120-20	35000	13.0	15.0
903125	24APA536A30	CAP**4224A**+TDR		35000	12.0	14.0
906229	24APA536A30	CAP**4817A**	58CV(A,X)070-12	35600	13.0	15.0
906005	24APA536A30	CAP**4817A**	58CV(A,X)090-16	35600	13.0	15.5
903032	24APA536A30	CAP**4817A**	58CV(A,X)110-20	35800	13.0	15.5
1390114	24APA536A30	CAP**4817A**	58MV(B,C)060-14	35600	13.0	15.5
1390122	24APA536A30	CAP**4817A**	58MV(B,C)080-14	35400	12.9	15.0
1390168	24APA536A30	CAP**4817A**	58MV(B,C)080-20	35600	13.0	15.0
1390180	24APA536A30	CAP**4817A**	58MV(B,C)100-20	35600	13.0	15.5
1152724	24APA536A30	CAP**4817A**	58UVB060-14	35600	13.0	15.5
1121514	24APA536A30	CAP**4817A**	58UVB080-14	35400	12.9	15.0
1152727	24APA536A30	CAP**4817A**	58UVB080-20	35600	13.0	15.0
1121124	24APA536A30	CAP**4817A**	58UVB100-20	35600	13.0	15.5
905546	24APA536A30	CAP**4817A**+TDR		35800	12.0	14.0
906493	24APA536A30	CAP**4821A**	58CV(A,X)090-16	35400	13.0	15.5
903250	24APA536A30	CAP**4821A**	58CV(A,X)110-20	35600	13.0	15.5
903740	24APA536A30	CAP**4821A**	58CV(A,X)135-22	35600	13.0	15.5
904952	24APA536A30	CAP**4821A**	58CV(A,X)155-22	35600	13.0	15.5
1390096	24APA536A30	CAP**4821A**	58MV(B,C)060-14	35400	13.0	15.5
1390120	24APA536A30	CAP**4821A**	58MV(B,C)080-14	35200	12.9	15.0
1390148	24APA536A30	CAP**4821A**	58MV(B,C)080-20	35400	13.0	15.0
1390178	24APA536A30	CAP**4821A**	58MV(B,C)100-20	35400	13.0	15.0
1390206	24APA536A30	CAP**4821A**	58MV(B,C)120-20	35400	13.0	15.5
1121589	24APA536A30	CAP**4821A**	58UVB060-14	35400	13.0	15.5
1121436	24APA536A30	CAP**4821A**	58UVB080-14	35200	12.9	15.0
1121607	24APA536A30	CAP**4821A**	58UVB080-20	35400	13.0	15.0
1121133	24APA536A30	CAP**4821A**	58UVB100-20	35400	13.0	15.0
1121625	24APA536A30	CAP**4821A**	58UVB120-20	35400	13.0	15.5
903304	24APA536A30	CAP**4821A**+TDR		35600	12.0	14.0
903832	24APA536A30	CAP**4824A**	58CV(A,X)110-20	35600	13.0	15.5
903697	24APA536A30	CAP**4824A**	58CV(A,X)135-22	35600	13.0	15.5
904563	24APA536A30	CAP**4824A**	58CV(A,X)155-22	35600	13.0	15.5

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# COMBINATION RATINGS CONTINUED

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
1390118	24APA536A30	CAP**4824A**	58MV(B,C)080-14	35200	12.9	15.0
1390166	24APA536A30	CAP**4824A**	58MV(B,C)080-20	35400	13.0	15.0
1390202	24APA536A30	CAP**4824A**	58MV(B,C)100-20	35400	13.0	15.0
1390220	24APA536A30	CAP**4824A**	58MV(B,C)120-20	35400	13.0	15.5
1121280	24APA536A30	CAP**4824A**	58UVB080-14	35200	12.9	15.0
1121706	24APA536A30	CAP**4824A**	58UVB080-20	35400	13.0	15.0
1121283	24APA536A30	CAP**4824A**	58UVB100-20	35400	13.0	15.0
1121115	24APA536A30	CAP**4824A**	58UVB120-20	35400	13.0	15.5
906194	24APA536A30	CAP**4824A**+TDR		35600	12.0	14.0
903014	24APA536A30	CNPF*3618A**+TDR		34800	11.9	14.0
906015	24APA536A30	CNPF*4818A**+TDR		35400	12.0	14.0
905845	24APA536A30	CNPH*3617A**	58CV(A,X)070-12	34600	12.5	14.5
904023	24APA536A30	CNPH*3617A**	58CV(A,X)090-16	34600	12.8	15.0
903519	24APA536A30	CNPH*3617A**	58CV(A,X)110-20	34800	12.8	15.0
903267	24APA536A30	CNPH*3617A**	58CV(A,X)135-22	34600	12.8	15.0
905995	24APA536A30	CNPH*3617A**	58CV(A,X)155-22	34800	12.9	15.0
3120704	24APA536A30	CNPH*3617A**	58MEB040-12	35000	12.2	14.5
3120705	24APA536A30	CNPH*3617A**	58MEB060-12	35000	12.2	14.5
3120706	24APA536A30	CNPH*3617A**	58MEB080-12	35000	12.2	14.5
3120707	24APA536A30	CNPH*3617A**	58MEB080-16	35000	12.2	14.5
3120708	24APA536A30	CNPH*3617A**	58MEB100-20	34800	12.5	15.0
1390098	24APA536A30	CNPH*3617A**	58MV(B,C)060-14	34600	12.7	15.0
1390126	24APA536A30	CNPH*3617A**	58MV(B,C)080-14	34400	12.5	14.5
1390152	24APA536A30	CNPH*3617A**	58MV(B,C)080-20	34600	12.5	14.5
1390184	24APA536A30	CNPH*3617A**	58MV(B,C)100-20	34600	12.7	15.0
1390210	24APA536A30	CNPH*3617A**	58MV(B,C)120-20	34600	12.7	15.0
3015266	24APA536A30	CNPH*3617A**	58PH*045-08	34800	12.0	14.0
3015267	24APA536A30	CNPH*3617A**	58PH*070-16	35000	12.2	14.8
3015268	24APA536A30	CNPH*3617A**	58PH*090-16	35200	12.5	15.0
3015269	24APA536A30	CNPH*3617A**	58PH*110-20	35200	12.5	15.0
903449	24APA536A30	CNPH*3617A**+TDR		34800	11.9	14.0
903839	24APA536A30	CNPH*4221A**	58CV(A,X)070-12	35000	13.0	15.0
905043	24APA536A30	CNPH*4221A**	58CV(A,X)090-16	35200	13.0	15.5
905093	24APA536A30	CNPH*4221A**	58CV(A,X)110-20	35200	13.0	15.5
902963	24APA536A30	CNPH*4221A**	58CV(A,X)135-22	35200	13.0	15.5
904043	24APA536A30	CNPH*4221A**	58CV(A,X)155-22	35200	13.0	15.5
3120709	24APA536A30	CNPH*4221A**	58MEB040-12	35000	12.5	15.0
3120710	24APA536A30	CNPH*4221A**	58MEB060-12	35000	12.5	15.0
3120711	24APA536A30	CNPH*4221A**	58MEB080-12	35000	12.5	15.0
3120712	24APA536A30	CNPH*4221A**	58MEB080-16	35000	12.5	15.0
3120713	24APA536A30	CNPH*4221A**	58MEB100-20	35000	12.5	15.0
1390100	24APA536A30	CNPH*4221A**	58MV(B,C)060-14	35000	13.0	15.5
1390128	24APA536A30	CNPH*4221A**	58MV(B,C)080-14	35000	13.0	15.0
1390172	24APA536A30	CNPH*4221A**	58MV(B,C)080-20	35000	13.0	15.0
1390186	24APA536A30	CNPH*4221A**	58MV(B,C)100-20	35200	13.0	15.5
1390212	24APA536A30	CNPH*4221A**	58MV(B,C)120-20	35000	13.0	15.5
3015270	24APA536A30	CNPH*4221A**	58PH*045-08	35400	12.2	14.5
3015271	24APA536A30	CNPH*4221A**	58PH*070-16	35400	12.2	15.0
3015272	24APA536A30	CNPH*4221A**	58PH*090-16	35600	12.5	15.5
3015273	24APA536A30	CNPH*4221A**	58PH*110-20	35800	13.0	15.5
904338	24APA536A30	CNPH*4221A**+TDR		35200	12.0	14.0
904512	24APA536A30	CNPH*4821A**	58CV(A,X)070-12	35400	13.0	15.0
905531	24APA536A30	CNPH*4821A**	58CV(A,X)090-16	35600	13.0	15.5
904796	24APA536A30	CNPH*4821A**	58CV(A,X)110-20	35600	13.0	15.5
903465	24APA536A30	CNPH*4821A**	58CV(A,X)135-22	35600	13.0	15.5
906011	24APA536A30	CNPH*4821A**	58CV(A,X)155-22	35600	13.0	15.5
1390102	24APA536A30	CNPH*4821A**	58MV(B,C)060-14	35400	13.0	15.5
1390142	24APA536A30	CNPH*4821A**	58MV(B,C)080-14	35400	12.9	15.0
1390154	24APA536A30	CNPH*4821A**	58MV(B,C)080-20	35400	13.0	15.0
1390188	24APA536A30	CNPH*4821A**	58MV(B,C)100-20	35600	13.0	15.5
1390214	24APA536A30	CNPH*4821A**	58MV(B,C)120-20	35400	13.0	15.5
903892	24APA536A30	CNPH*4821A**+TDR		35600	12.0	14.0
1069396	24APA536A30	CNPV*3617A**	58CV(A,X)070-12	34800	12.4	14.5
906087	24APA536A30	CNPV*3617A**	58CV(A,X)090-16	34600	12.8	15.0
3120694	24APA536A30	CNPV*3617A**	58MEB040-12	35000	12.2	14.5
3120695	24APA536A30	CNPV*3617A**	58MEB060-12	35000	12.2	14.5
3120696	24APA536A30	CNPV*3617A**	58MEB080-12	35000	12.2	14.5
3120697	24APA536A30	CNPV*3617A**	58MEB080-16	35000	12.2	14.5
1390104	24APA536A30	CNPV*3617A**	58MV(B,C)060-14	34600	12.7	15.0
3015261	24APA536A30	CNPV*3617A**	58PH*070-16	35000	12.2	14.5
1121310	24APA536A30	CNPV*3617A**	58UVB060-14	34600	12.7	15.0
1144626	24APA536A30	CNPV*3617A**	58VLR105-12	34800	11.5	14.0
1144630	24APA536A30	CNPV*3617A**	58VLR120-20	34800	11.7	14.5
1144624	24APA536A30	CNPV*3617A**	58VMR105-12	34400	11.5	14.0
1144628	24APA536A30	CNPV*3617A**	58VMR120-20	34600	11.7	14.5

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
903794	24APA536A30	CNPV*3617A**+TDR		34800	11.9	14.0
903208	24APA536A30	CNPV*3621A**	58CV(A,X)110-20	34800	12.8	15.0
3120698	24APA536A30	CNPV*3621A**	58MEB100-20	35000	12.5	15.0
1390130	24APA536A30	CNPV*3621A**	58MV(B,C)080-14	34400	12.5	14.5
1390156	24APA536A30	CNPV*3621A**	58MV(B,C)080-20	34600	12.5	14.5
1390190	24APA536A30	CNPV*3621A**	58MV(B,C)100-20	34600	12.7	15.0
3015262	24APA536A30	CNPV*3621A**	58PH*090-16	35200	12.5	15.0
3015263	24APA536A30	CNPV*3621A**	58PH*110-20	35200	12.5	15.0
1121466	24APA536A30	CNPV*3621A**	58UVB080-14	34400	12.5	14.5
1121877	24APA536A30	CNPV*3621A**	58UVB080-20	34600	12.5	14.5
1121703	24APA536A30	CNPV*3621A**	58UVB100-20	34600	12.7	15.0
1144634	24APA536A30	CNPV*3621A**	58VLR105-12	34800	11.5	14.0
1144638	24APA536A30	CNPV*3621A**	58VLR120-20	34800	11.7	14.5
1144632	24APA536A30	CNPV*3621A**	58VMR105-12	34400	11.5	14.0
1144636	24APA536A30	CNPV*3621A**	58VMR120-20	34600	11.7	14.5
903779	24APA536A30	CNPV*3621A**+TDR		34800	11.9	14.0
3120686	24APA536A30	CNPV*4217A**	58CV(A,X)090-16	35000	12.5	15.0
3120699	24APA536A30	CNPV*4217A**	58MEB040-12	35000	12.5	15.0
3120700	24APA536A30	CNPV*4217A**	58MEB060-12	35000	12.5	15.0
3120701	24APA536A30	CNPV*4217A**	58MEB080-12	35000	12.5	15.0
3120702	24APA536A30	CNPV*4217A**	58MEB080-16	35000	12.5	15.0
3120685	24APA536A30	CNPV*4217A**	58MV(B,C)060-14	35000	12.5	15.0
3120687	24APA536A30	CNPV*4217A**	58PH*070-16	35000	12.2	14.5
3120684	24APA536A30	CNPV*4217A**		35000	12.0	14.0
904523	24APA536A30	CNPV*4221A**	58CV(A,X)110-20	35200	13.0	15.5
3120703	24APA536A30	CNPV*4221A**	58MEB100-20	35000	12.5	15.0
1390132	24APA536A30	CNPV*4221A**	58MV(B,C)080-14	35000	13.0	15.0
1390158	24APA536A30	CNPV*4221A**	58MV(B,C)080-20	35000	13.0	15.0
1390192	24APA536A30	CNPV*4221A**	58MV(B,C)100-20	35200	13.0	15.5
3015264	24APA536A30	CNPV*4221A**	58PH*090-16	35600	12.5	15.5
3015265	24APA536A30	CNPV*4221A**	58PH*110-20	35800	13.0	15.5
1121721	24APA536A30	CNPV*4221A**	58UVB080-14	35000	13.0	15.0
1121604	24APA536A30	CNPV*4221A**	58UVB080-20	35000	13.0	15.0
1121505	24APA536A30	CNPV*4221A**	58UVB100-20	35200	13.0	15.5
1144642	24APA536A30	CNPV*4221A**	58VLR105-12	35000	12.0	15.0
1144646	24APA536A30	CNPV*4221A**	58VLR120-20	35000	12.0	15.0
1144640	24APA536A30	CNPV*4221A**	58VMR105-12	35000	12.0	15.0
1144644	24APA536A30	CNPV*4221A**	58VMR120-20	35000	12.0	15.0
904291	24APA536A30	CNPV*4221A**+TDR		35200	12.0	14.0
906311	24APA536A30	CNPV*4821A**	58CV(A,X)090-16	35600	13.0	15.5
905434	24APA536A30	CNPV*4821A**	58CV(A,X)110-20	35600	13.0	15.5
903329	24APA536A30	CNPV*4821A**	58CV(A,X)135-22	35600	13.0	15.5
905092	24APA536A30	CNPV*4821A**	58CV(A,X)155-22	35600	13.0	15.5
1390106	24APA536A30	CNPV*4821A**	58MV(B,C)060-14	35400	13.0	15.5
1390144	24APA536A30	CNPV*4821A**	58MV(B,C)080-14	35400	12.9	15.0
1390174	24APA536A30	CNPV*4821A**	58MV(B,C)080-20	35400	13.0	15.0
1390194	24APA536A30	CNPV*4821A**	58MV(B,C)100-20	35600	13.0	15.5
1390222	24APA536A30	CNPV*4821A**	58MV(B,C)120-20	35400	13.0	15.5
1121745	24APA536A30	CNPV*4821A**	58UVB060-14	35400	13.0	15.5
1152736	24APA536A30	CNPV*4821A**	58UVB080-14	35400	12.9	15.0
1121148	24APA536A30	CNPV*4821A**	58UVB080-20	35400	13.0	15.0
1121139	24APA536A30	CNPV*4821A**	58UVB100-20	35600	13.0	15.5
1152739	24APA536A30	CNPV*4821A**	58UVB120-20	35400	13.0	15.5
905729	24APA536A30	CNPV*4821A**+TDR		35600	12.0	14.0
906523	24APA536A30	CNPV*4824A**	58CV(A,X)110-20	35600	13.0	15.5
904750	24APA536A30	CNPV*4824A**	58CV(A,X)135-22	35600	13.0	15.5
903318	24APA536A30	CNPV*4824A**	58CV(A,X)155-22	35600	13.0	15.5
1390146	24APA536A30	CNPV*4824A**	58MV(B,C)080-14	35400	12.9	15.0
1390160	24APA536A30	CNPV*4824A**	58MV(B,C)080-20	35400	13.0	15.0
1390204	24APA536A30	CNPV*4824A**	58MV(B,C)100-20	35600	13.0	15.5
1390224	24APA536A30	CNPV*4824A**	58MV(B,C)120-20	35400	13.0	15.5
1121388	24APA536A30	CNPV*4824A**	58UVB080-14	35400	12.9	15.0
1121244	24APA536A30	CNPV*4824A**	58UVB080-20	35400	13.0	15.0
1121844	24APA536A30	CNPV*4824A**	58UVB100-20	35600	13.0	15.5
1121415	24APA536A30	CNPV*4824A**	58UVB120-20	35400	13.0	15.5
904498	24APA536A30	CNPV*4824A**+TDR		35600	12.0	14.0
904887	24APA536A30	CSPH*3612A**	58CV(A,X)070-12	35400	12.9	15.0
904715	24APA536A30	CSPH*3612A**	58CV(A,X)090-16	35600	13.0	15.0
905233	24APA536A30	CSPH*3612A**	58CV(A,X)110-20	35600	13.0	15.0
904317	24APA536A30	CSPH*3612A**	58CV(A,X)135-22	35600	13.0	15.0
903780	24APA536A30	CSPH*3612A**	58CV(A,X)155-22	35600	13.0	15.5
3120714	24APA536A30	CSPH*3612A**	58MEB040-12	35000	12.2	14.5
3120715	24APA536A30	CSPH*3612A**	58MEB060-12	35000	12.2	14.5
3120716	24APA536A30	CSPH*3612A**	58MEB080-12	35000	12.5	15.0
3120717	24APA536A30	CSPH*3612A**	58MEB080-16	35000	12.2	14.5

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3120718	24APA536A30	CSPH*3612A**	58MEB100-20	35000	12.5	15.0
1390108	24APA536A30	CSPH*3612A**	58MV(B,C)060-14	35400	13.0	15.0
1390134	24APA536A30	CSPH*3612A**	58MV(B,C)080-14	35400	12.5	14.5
1390162	24APA536A30	CSPH*3612A**	58MV(B,C)080-20	35400	13.0	15.0
1390196	24APA536A30	CSPH*3612A**	58MV(B,C)100-20	35600	13.0	15.0
1390226	24APA536A30	CSPH*3612A**	58MV(B,C)120-20	35400	13.0	15.0
3015274	24APA536A30	CSPH*3612A**	58PH*045-08	34800	12.0	14.3
3015275	24APA536A30	CSPH*3612A**	58PH*070-16	35000	12.2	14.8
3015276	24APA536A30	CSPH*3612A**	58PH*090-16	35400	12.5	15.5
3015277	24APA536A30	CSPH*3612A**	58PH*110-20	35600	13.0	15.5
906556	24APA536A30	CSPH*3612A**+TDR		35800	12.0	14.0
906231	24APA536A30	CSPH*4212A**	58CV(A,X)070-12	35600	13.0	15.0
905379	24APA536A30	CSPH*4212A**	58CV(A,X)090-16	35800	13.0	15.5
903203	24APA536A30	CSPH*4212A**	58CV(A,X)110-20	35800	13.0	15.5
905475	24APA536A30	CSPH*4212A**	58CV(A,X)135-22	35800	13.0	15.5
903511	24APA536A30	CSPH*4212A**	58CV(A,X)155-22	35800	13.0	15.5
3120719	24APA536A30	CSPH*4212A**	58MEB040-12	35000	12.5	15.0
3120720	24APA536A30	CSPH*4212A**	58MEB060-12	35000	12.5	15.0
3120721	24APA536A30	CSPH*4212A**	58MEB080-12	35000	12.5	15.0
3120722	24APA536A30	CSPH*4212A**	58MEB080-16	35000	12.5	15.0
3120723	24APA536A30	CSPH*4212A**	58MEB100-20	35000	12.5	15.0
1390110	24APA536A30	CSPH*4212A**	58MV(B,C)060-14	35600	13.0	15.0
1390136	24APA536A30	CSPH*4212A**	58MV(B,C)080-14	35600	12.9	15.0
1390176	24APA536A30	CSPH*4212A**	58MV(B,C)080-20	35600	13.0	15.0
1390198	24APA536A30	CSPH*4212A**	58MV(B,C)100-20	35800	13.0	15.0
1390216	24APA536A30	CSPH*4212A**	58MV(B,C)120-20	35600	13.0	15.0
3015278	24APA536A30	CSPH*4212A**	58PH*045-08	35600	12.2	14.5
3015279	24APA536A30	CSPH*4212A**	58PH*070-16	35600	12.2	14.5
3015280	24APA536A30	CSPH*4212A**	58PH*090-16	35800	13.0	15.5
3015281	24APA536A30	CSPH*4212A**	58PH*110-20	35800	13.0	15.5
904896	24APA536A30	CSPH*4212A**+TDR		36000	12.0	14.0
905212	24APA536A30	CSPH*4812A**	58CV(A,X)070-12	35800	13.0	15.0
904320	24APA536A30	CSPH*4812A**	58CV(A,X)090-16	35800	13.0	15.5
903636	24APA536A30	CSPH*4812A**	58CV(A,X)110-20	36000	13.0	15.5
905948	24APA536A30	CSPH*4812A**	58CV(A,X)135-22	36000	13.0	15.5
904446	24APA536A30	CSPH*4812A**	58CV(A,X)155-22	36000	13.0	15.5
1390112	24APA536A30	CSPH*4812A**	58MV(B,C)060-14	35800	13.0	15.0
1390138	24APA536A30	CSPH*4812A**	58MV(B,C)080-14	35600	12.9	15.0
1390164	24APA536A30	CSPH*4812A**	58MV(B,C)080-20	35800	13.0	15.0
1390200	24APA536A30	CSPH*4812A**	58MV(B,C)100-20	35800	13.0	15.0
1390218	24APA536A30	CSPH*4812A**	58MV(B,C)120-20	35800	13.0	15.5
904142	24APA536A30	CSPH*4812A**+TDR		36000	12.0	14.0
1249647	24APA536A30	FE4AN(B,F)003+UI		35000	13.0	15.5
1249644	24APA536A30	FE4AN(B,F)005+UI		36200	13.2	16.0
1249718	24APA536A30	FE4ANB006+UI		36600	13.2	16.0
1249715	24APA536A30	FE4ANF002+UI		34800	12.5	15.0
1249721	24APA536A30	FE5ANB004+UI		36400	13.2	16.0
903464	24APA536A30	FF1ENP036		35000	12.0	14.0
1348226	24APA536A30	FV4BN(B,F)003		35000	13.0	15.5
1348229	24APA536A30	FV4BN(B,F)005		36200	13.2	16.0
904310	24APA536A30	FV4BNB006		36600	13.2	16.0
906629	24APA536A30	FV4BNF002		34800	12.5	15.0
903285	24APA536A30	FX4CN(B,F)036		35200	12.5	15.0
905504	24APA536A30	FX4CN(B,F)042		35800	12.5	15.0
903356	24APA536A30	FX4CN(B,F)048		36200	12.5	14.5
903218	24APA536A30	FY4ANF036		34800	11.7	13.5
903787	24APA536A30	FY4ANF042		35400	12.0	14.0
904010	24APA536A30	FY4ANF048		36000	12.0	14.0
903090	24APA542A30	†CAP**4821A**+TDR		41500	11.9	14.0
903139	24APA542A30	CAP**4221A**	58CV(A,X)110-20	40500	12.6	15.0
3120728	24APA542A30	CAP**4221A**	58MEB100-20	41000	12.5	15.0
1390248	24APA542A30	CAP**4221A**	58MV(B,C)080-14	40000	12.3	14.5
1390274	24APA542A30	CAP**4221A**	58MV(B,C)080-20	40500	12.4	14.5
1390298	24APA542A30	CAP**4221A**	58MV(B,C)100-20	40500	12.5	14.5
3015282	24APA542A30	CAP**4221A**	58PH*090-16	40500	12.2	15.0
3015283	24APA542A30	CAP**4221A**	58PH*110-20	40500	12.5	15.0
1121229	24APA542A30	CAP**4221A**	58UVB080-14	40000	12.3	14.5
1121544	24APA542A30	CAP**4221A**	58UVB080-20	40500	12.4	14.5
1121895	24APA542A30	CAP**4221A**	58UVB100-20	40500	12.5	14.5
905876	24APA542A30	CAP**4221A**+TDR		40500	11.7	13.5
903893	24APA542A30	CAP**4224A**	58CV(A,X)135-22	40500	12.8	15.0
904506	24APA542A30	CAP**4224A**	58CV(A,X)155-22	40500	12.8	15.0
3120729	24APA542A30	CAP**4224A**	58MEB120-20	41000	12.5	15.0
1390324	24APA542A30	CAP**4224A**	58MV(B,C)120-20	40500	12.6	15.0

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# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3015284	24APA542A30	CAP**4224A**	58PH*135-20	41000	12.5	15.0
1121712	24APA542A30	CAP**4224A**	58UVB120-20	40500	12.6	15.0
906201	24APA542A30	CAP**4224A**+TDR		40500	11.7	13.5
903174	24APA542A30	CAP**4817A**	58CV(A,X)090-16	41500	12.8	15.0
3120730	24APA542A30	CAP**4817A**	58MEB040-12	41000	12.2	14.5
3120731	24APA542A30	CAP**4817A**	58MEB060-12	41000	12.2	14.5
3120732	24APA542A30	CAP**4817A**	58MEB080-12	41000	12.5	15.0
3120733	24APA542A30	CAP**4817A**	58MEB080-16	41000	12.5	15.0
1390230	24APA542A30	CAP**4817A**	58MV(B,C)060-14	41000	12.6	15.0
3015285	24APA542A30	CAP**4817A**	58PH*070-16	41000	12.0	14.0
1121286	24APA542A30	CAP**4817A**	58UVB060-14	41000	12.6	15.0
906060	24APA542A30	CAP**4817A**+TDR		41500	12.0	14.0
905759	24APA542A30	CAP**4821A**	58CV(A,X)110-20	41000	12.8	15.0
3120734	24APA542A30	CAP**4821A**	58MEB100-20	41000	12.5	15.0
1390246	24APA542A30	CAP**4821A**	58MV(B,C)080-14	41000	12.4	14.5
1390272	24APA542A30	CAP**4821A**	58MV(B,C)080-20	41000	12.5	14.5
3015286	24APA542A30	CAP**4821A**	58PH*090-16	41500	12.5	15.0
3015287	24APA542A30	CAP**4821A**	58PH*110-20	41500	12.5	15.0
1121175	24APA542A30	CAP**4821A**	58UVB080-14	41000	12.4	14.5
1121949	24APA542A30	CAP**4821A**	58UVB080-20	41000	12.5	14.5
1121265	24APA542A30	CAP**4821A**	58UVB100-20	41500	12.4	14.5
905749	24APA542A30	CAP**4824A**	58CV(A,X)135-22	41000	13.0	15.0
906600	24APA542A30	CAP**4824A**	58CV(A,X)155-22	41000	13.0	15.0
3120735	24APA542A30	CAP**4824A**	58MEB120-20	41000	12.5	15.0
1390322	24APA542A30	CAP**4824A**	58MV(B,C)120-20	41000	12.7	15.0
3015288	24APA542A30	CAP**4824A**	58PH*135-20	41500	12.5	15.0
1121256	24APA542A30	CAP**4824A**	58UVB120-20	41000	12.7	15.0
903015	24APA542A30	CAP**4824A**+TDR		41500	11.9	14.0
903323	24APA542A30	CAP**6021A**	58CV(A,X)090-16	42000	13.0	15.0
903612	24APA542A30	CAP**6021A**	58CV(A,X)110-20	42000	13.0	15.5
906161	24APA542A30	CAP**6021A**	58CV(A,X)135-22	42000	13.0	15.5
903653	24APA542A30	CAP**6021A**	58CV(A,X)155-22	42000	13.0	15.5
1390228	24APA542A30	CAP**6021A**	58MV(B,C)060-14	41500	12.9	15.0
1390262	24APA542A30	CAP**6021A**	58MV(B,C)080-14	41500	12.7	15.0
1390270	24APA542A30	CAP**6021A**	58MV(B,C)080-20	42000	12.8	15.0
1390296	24APA542A30	CAP**6021A**	58MV(B,C)100-20	42000	13.0	15.0
1390338	24APA542A30	CAP**6021A**	58MV(B,C)120-20	42000	13.0	15.0
1121508	24APA542A30	CAP**6021A**	58UVB060-14	41500	12.9	15.0
1122072	24APA542A30	CAP**6021A**	58UVB080-14	41500	12.7	15.0
1121631	24APA542A30	CAP**6021A**	58UVB080-20	42000	12.8	15.0
1121793	24APA542A30	CAP**6021A**	58UVB100-20	42000	13.0	15.0
1152745	24APA542A30	CAP**6021A**	58UVB120-20	42000	13.0	15.0
903452	24APA542A30	CAP**6021A**+TDR		42000	12.0	14.0
905681	24APA542A30	CAP**6024A**	58CV(A,X)110-20	42000	13.0	15.0
904818	24APA542A30	CAP**6024A**	58CV(A,X)135-22	42000	13.0	15.5
903314	24APA542A30	CAP**6024A**	58CV(A,X)155-22	42000	13.0	15.5
1390244	24APA542A30	CAP**6024A**	58MV(B,C)080-14	41500	12.6	15.0
1390290	24APA542A30	CAP**6024A**	58MV(B,C)080-20	41500	12.8	15.0
1390316	24APA542A30	CAP**6024A**	58MV(B,C)100-20	42000	12.9	15.0
1390320	24APA542A30	CAP**6024A**	58MV(B,C)120-20	41500	12.9	15.0
1121412	24APA542A30	CAP**6024A**	58UVB080-14	41500	12.6	15.0
1121472	24APA542A30	CAP**6024A**	58UVB080-20	41500	12.8	15.0
1152748	24APA542A30	CAP**6024A**	58UVB100-20	42000	12.9	15.0
1121565	24APA542A30	CAP**6024A**	58UVB120-20	41500	12.9	15.0
904800	24APA542A30	CAP**6024A**+TDR		42000	12.0	14.0
905688	24APA542A30	CNPF*4818A**+TDR		41000	11.9	14.0
905485	24APA542A30	CNPH*4221A**	58CV(A,X)070-12	40500	12.5	14.5
1069400	24APA542A30	CNPH*4221A**	58CV(A,X)090-16	40500	12.5	15.0
904371	24APA542A30	CNPH*4221A**	58CV(A,X)110-20	41000	12.9	15.0
906281	24APA542A30	CNPH*4221A**	58CV(A,X)135-22	41000	13.0	15.5
905612	24APA542A30	CNPH*4221A**	58CV(A,X)155-22	41000	13.0	15.5
3120743	24APA542A30	CNPH*4221A**	58MEB040-12	41000	12.2	14.5
3120744	24APA542A30	CNPH*4221A**	58MEB060-12	40500	12.2	14.5
3120745	24APA542A30	CNPH*4221A**	58MEB080-12	40500	12.2	14.5
3120746	24APA542A30	CNPH*4221A**	58MEB080-16	40500	12.2	14.5
3120747	24APA542A30	CNPH*4221A**	58MEB100-20	40500	12.2	14.5
3120748	24APA542A30	CNPH*4221A**	58MEB120-20	41000	12.2	14.5
1390232	24APA542A30	CNPH*4221A**	58MV(B,C)060-14	40500	12.7	15.0
1390250	24APA542A30	CNPH*4221A**	58MV(B,C)080-14	40500	12.5	14.5
1390276	24APA542A30	CNPH*4221A**	58MV(B,C)080-20	40500	12.6	15.0
1390300	24APA542A30	CNPH*4221A**	58MV(B,C)100-20	40500	12.8	15.0
1390326	24APA542A30	CNPH*4221A**	58MV(B,C)120-20	40500	12.8	15.0
3015294	24APA542A30	CNPH*4221A**	58PH*070-16	40500	11.7	14.0
3015295	24APA542A30	CNPH*4221A**	58PH*090-16	40500	12.2	15.0
3015296	24APA542A30	CNPH*4221A**	58PH*110-20	40500	12.5	15.0

24APA5

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# COMBINATION RATINGS CONTINUED

24APA5

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3015297	24APA542A30	CNPH*4221A**	58PH*135-20	40500	12.2	15.0
905982	24APA542A30	CNPH*4221A**+TDR		41000	11.7	13.5
903253	24APA542A30	CNPH*4821A**	58CV(A,X)070-12	41000	12.5	14.5
905842	24APA542A30	CNPH*4821A**	58CV(A,X)090-16	41000	12.8	15.0
903672	24APA542A30	CNPH*4821A**	58CV(A,X)110-20	41500	12.9	15.0
903315	24APA542A30	CNPH*4821A**	58CV(A,X)135-22	41500	13.0	15.0
905857	24APA542A30	CNPH*4821A**	58CV(A,X)155-22	41500	13.0	15.0
3120749	24APA542A30	CNPH*4821A**	58MEB040-12	41000	12.2	14.5
3120750	24APA542A30	CNPH*4821A**	58MEB060-12	41000	12.2	14.5
3120751	24APA542A30	CNPH*4821A**	58MEB080-12	41000	12.5	15.0
3120752	24APA542A30	CNPH*4821A**	58MEB080-16	41000	12.5	15.0
3120753	24APA542A30	CNPH*4821A**	58MEB100-20	41000	12.5	15.0
3120754	24APA542A30	CNPH*4821A**	58MEB120-20	41000	12.5	15.0
1390234	24APA542A30	CNPH*4821A**	58MV(B,C)060-14	41000	12.7	15.0
1390252	24APA542A30	CNPH*4821A**	58MV(B,C)080-14	41000	12.5	14.5
1390278	24APA542A30	CNPH*4821A**	58MV(B,C)080-20	41000	12.6	15.0
1390302	24APA542A30	CNPH*4821A**	58MV(B,C)100-20	41000	12.7	15.0
1390328	24APA542A30	CNPH*4821A**	58MV(B,C)120-20	41000	12.8	15.0
3015298	24APA542A30	CNPH*4821A**	58PH*070-16	41500	12.0	14.0
3015299	24APA542A30	CNPH*4821A**	58PH*090-16	41500	12.5	15.0
3015300	24APA542A30	CNPH*4821A**	58PH*110-20	41500	12.5	15.0
3015301	24APA542A30	CNPH*4821A**	58PH*135-20	41500	12.5	15.0
905922	24APA542A30	CNPH*4821A**+TDR		41500	11.9	14.0
903328	24APA542A30	CNPH*6024A**	58CV(A,X)070-12	41500	12.7	15.0
904044	24APA542A30	CNPH*6024A**	58CV(A,X)090-16	42000	13.0	15.0
905418	24APA542A30	CNPH*6024A**	58CV(A,X)110-20	42000	13.0	15.5
906527	24APA542A30	CNPH*6024A**	58CV(A,X)135-22	42000	13.0	15.5
903302	24APA542A30	CNPH*6024A**	58CV(A,X)155-22	42000	13.0	15.5
1390236	24APA542A30	CNPH*6024A**	58MV(B,C)060-14	41500	12.9	15.0
1390254	24APA542A30	CNPH*6024A**	58MV(B,C)080-14	41500	12.7	15.0
1390280	24APA542A30	CNPH*6024A**	58MV(B,C)080-20	41500	12.8	15.0
1390304	24APA542A30	CNPH*6024A**	58MV(B,C)100-20	42000	12.9	15.0
1390330	24APA542A30	CNPH*6024A**	58MV(B,C)120-20	41500	13.0	15.0
906103	24APA542A30	CNPH*6024A**+TDR		42000	12.0	14.0
3120726	24APA542A30	CNPV*4217A**	58CV(A,X)090-16	41000	12.2	14.5
3120736	24APA542A30	CNPV*4217A**	58MEB040-12	41000	12.2	14.5
3120737	24APA542A30	CNPV*4217A**	58MEB060-12	41000	12.2	14.5
3120738	24APA542A30	CNPV*4217A**	58MEB080-12	41000	12.2	14.5
3120739	24APA542A30	CNPV*4217A**	58MEB080-16	41000	12.2	14.5
3120725	24APA542A30	CNPV*4217A**	58MV(B,C)060-14	41000	12.2	14.5
3120727	24APA542A30	CNPV*4217A**	58PH*070-16	40500	12.0	14.0
3120724	24APA542A30	CNPV*4217A**+TDR		41000	11.7	14.0
1069398	24APA542A30	CNPV*4221A**	58CV(A,X)090-16	40500	12.5	15.0
906611	24APA542A30	CNPV*4221A**	58CV(A,X)110-20	41000	12.9	15.0
3120740	24APA542A30	CNPV*4221A**	58MEB100-20	40500	12.2	14.5
1390256	24APA542A30	CNPV*4221A**	58MV(B,C)080-14	40500	12.5	14.5
1390282	24APA542A30	CNPV*4221A**	58MV(B,C)080-20	40500	12.6	15.0
1390306	24APA542A30	CNPV*4221A**	58MV(B,C)100-20	40500	12.8	15.0
3015289	24APA542A30	CNPV*4221A**	58PH*090-16	40500	12.2	15.0
3015290	24APA542A30	CNPV*4221A**	58PH*110-20	40500	12.5	15.0
1121364	24APA542A30	CNPV*4221A**	58UVB080-14	40500	12.5	14.5
1121490	24APA542A30	CNPV*4221A**	58UVB080-20	40500	12.6	15.0
1121655	24APA542A30	CNPV*4221A**	58UVB100-20	40500	12.8	15.0
1144650	24APA542A30	CNPV*4221A**	58VLR120-20	40500	12.0	15.0
1144648	24APA542A30	CNPV*4221A**	58VMR120-20	40500	12.0	15.0
904479	24APA542A30	CNPV*4221A**+TDR		41000	11.7	13.5
903401	24APA542A30	CNPV*4821A**	58CV(A,X)110-20	41500	12.9	15.0
3120741	24APA542A30	CNPV*4821A**	58MEB100-20	41000	12.5	15.0
1390258	24APA542A30	CNPV*4821A**	58MV(B,C)080-14	41000	12.5	14.5
1390284	24APA542A30	CNPV*4821A**	58MV(B,C)080-20	41000	12.6	15.0
1390308	24APA542A30	CNPV*4821A**	58MV(B,C)100-20	41000	12.7	15.0
3015291	24APA542A30	CNPV*4821A**	58PH*090-16	41500	12.5	15.0
3015292	24APA542A30	CNPV*4821A**	58PH*110-20	41500	12.5	15.0
1121298	24APA542A30	CNPV*4821A**	58UVB080-14	41000	12.5	14.5
1121574	24APA542A30	CNPV*4821A**	58UVB080-20	41000	12.6	15.0
1121160	24APA542A30	CNPV*4821A**	58UVB100-20	41000	12.7	15.0
1144654	24APA542A30	CNPV*4821A**	58VLR120-20	41000	12.0	15.0
1144652	24APA542A30	CNPV*4821A**	58VMR120-20	41000	12.0	15.0
904517	24APA542A30	CNPV*4821A**+TDR		41500	11.9	14.0
905353	24APA542A30	CNPV*4824A**	58CV(A,X)135-22	41500	13.0	15.5
905838	24APA542A30	CNPV*4824A**	58CV(A,X)155-22	41500	13.0	15.5
3120742	24APA542A30	CNPV*4824A**	58MEB120-20	41000	12.5	15.0
3000020	24APA542A30	CNPV*4824A**	58MV(B,C)100-20	41000	12.2	14.5
1390332	24APA542A30	CNPV*4824A**	58MV(B,C)120-20	41000	12.8	15.0
3015293	24APA542A30	CNPV*4824A**	58PH*135-20	41500	12.5	15.0

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ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
1121235	24APA542A30	CNPV*4824A**	58UVB120-20	41000	12.8	15.0
1144658	24APA542A30	CNPV*4824A**	58VLR120-20	41000	12.0	15.0
1144656	24APA542A30	CNPV*4824A**	58VMR120-20	41000	12.0	15.0
904970	24APA542A30	CNPV*4824A**+TDR		41500	11.9	14.0
906123	24APA542A30	CNPV*6024A**	58CV(A,X)110-20	42000	13.0	15.5
906050	24APA542A30	CNPV*6024A**	58CV(A,X)135-22	42000	13.0	15.5
903274	24APA542A30	CNPV*6024A**	58CV(A,X)155-22	42000	13.0	15.5
1390264	24APA542A30	CNPV*6024A**	58MV(B,C)080-14	41500	12.7	15.0
1390292	24APA542A30	CNPV*6024A**	58MV(B,C)080-20	41500	12.8	15.0
1390318	24APA542A30	CNPV*6024A**	58MV(B,C)100-20	42000	12.9	15.0
1390340	24APA542A30	CNPV*6024A**	58MV(B,C)120-20	41500	13.0	15.0
1121169	24APA542A30	CNPV*6024A**	58UVB080-14	41500	12.7	15.0
1121763	24APA542A30	CNPV*6024A**	58UVB080-20	41500	12.8	15.0
1121850	24APA542A30	CNPV*6024A**	58UVB100-20	42000	12.9	15.0
1121592	24APA542A30	CNPV*6024A**	58UVB120-20	41500	13.0	15.0
904609	24APA542A30	CNPV*6024A**+TDR		42000	12.0	14.0
903680	24APA542A30	CSPH*4212A**	58CV(A,X)070-12	41000	12.4	14.5
905667	24APA542A30	CSPH*4212A**	58CV(A,X)090-16	41500	12.8	15.0
905588	24APA542A30	CSPH*4212A**	58CV(A,X)110-20	41500	12.8	15.0
904333	24APA542A30	CSPH*4212A**	58CV(A,X)135-22	41500	12.9	15.0
903865	24APA542A30	CSPH*4212A**	58CV(A,X)155-22	41500	13.0	15.0
3120755	24APA542A30	CSPH*4212A**	58MEB040-12	41000	12.2	14.5
3120756	24APA542A30	CSPH*4212A**	58MEB060-12	41000	12.2	14.5
3120757	24APA542A30	CSPH*4212A**	58MEB080-12	41000	12.2	14.5
3120758	24APA542A30	CSPH*4212A**	58MEB080-16	41000	12.2	14.5
3120759	24APA542A30	CSPH*4212A**	58MEB100-20	41000	12.5	15.0
3120760	24APA542A30	CSPH*4212A**	58MEB120-20	41000	12.5	15.0
1390238	24APA542A30	CSPH*4212A**	58MV(B,C)060-14	41000	12.6	15.0
1390260	24APA542A30	CSPH*4212A**	58MV(B,C)080-14	41000	12.4	14.5
1390286	24APA542A30	CSPH*4212A**	58MV(B,C)080-20	41000	12.5	14.5
1390310	24APA542A30	CSPH*4212A**	58MV(B,C)100-20	41500	12.7	15.0
1390334	24APA542A30	CSPH*4212A**	58MV(B,C)120-20	41000	12.7	15.0
3015302	24APA542A30	CSPH*4212A**	58PH*070-16	40500	12.0	14.0
3015303	24APA542A30	CSPH*4212A**	58PH*090-16	40500	12.2	15.0
3015304	24APA542A30	CSPH*4212A**	58PH*110-20	40500	12.5	15.0
3015305	24APA542A30	CSPH*4212A**	58PH*135-20	40500	12.5	15.0
906560	24APA542A30	CSPH*4212A**+TDR		41500	12.0	14.0
904929	24APA542A30	CSPH*4812A**	58CV(A,X)070-12	41500	12.5	14.5
903878	24APA542A30	CSPH*4812A**	58CV(A,X)090-16	41500	12.8	15.0
906534	24APA542A30	CSPH*4812A**	58CV(A,X)110-20	41500	12.8	15.0
903578	24APA542A30	CSPH*4812A**	58CV(A,X)135-22	41500	13.0	15.0
904835	24APA542A30	CSPH*4812A**	58CV(A,X)155-22	41500	13.0	15.5
3120761	24APA542A30	CSPH*4812A**	58MEB040-12	41000	12.2	14.5
3120762	24APA542A30	CSPH*4812A**	58MEB060-12	41000	12.2	14.5
3120763	24APA542A30	CSPH*4812A**	58MEB080-12	41000	12.5	15.0
3120764	24APA542A30	CSPH*4812A**	58MEB080-16	41000	12.5	15.0
3120765	24APA542A30	CSPH*4812A**	58MEB100-20	41000	12.5	15.0
3120766	24APA542A30	CSPH*4812A**	58MEB120-20	41000	12.5	15.0
1390240	24APA542A30	CSPH*4812A**	58MV(B,C)060-14	41500	12.7	15.0
1390266	24APA542A30	CSPH*4812A**	58MV(B,C)080-14	41000	12.5	14.5
1390294	24APA542A30	CSPH*4812A**	58MV(B,C)080-20	41500	12.6	15.0
1390312	24APA542A30	CSPH*4812A**	58MV(B,C)100-20	41500	12.7	15.0
1390336	24APA542A30	CSPH*4812A**	58MV(B,C)120-20	41500	12.8	15.0
3015306	24APA542A30	CSPH*4812A**	58PH*070-16	41500	12.0	14.0
3015307	24APA542A30	CSPH*4812A**	58PH*090-16	41500	12.5	15.0
3015308	24APA542A30	CSPH*4812A**	58PH*110-20	41500	12.5	15.0
3015309	24APA542A30	CSPH*4812A**	58PH*135-20	41500	12.5	15.0
905782	24APA542A30	CSPH*4812A**+TDR		42000	12.0	14.0
904915	24APA542A30	CSPH*6012A**	58CV(A,X)070-12	42000	12.7	15.0
904002	24APA542A30	CSPH*6012A**	58CV(A,X)090-16	42000	13.0	15.5
903379	24APA542A30	CSPH*6012A**	58CV(A,X)110-20	42000	13.0	15.5
903354	24APA542A30	CSPH*6012A**	58CV(A,X)135-22	42000	13.0	15.5
904759	24APA542A30	CSPH*6012A**	58CV(A,X)155-22	42000	13.0	15.5
1390242	24APA542A30	CSPH*6012A**	58MV(B,C)060-14	42000	12.9	15.0
1390268	24APA542A30	CSPH*6012A**	58MV(B,C)080-14	41500	12.7	15.0
1390288	24APA542A30	CSPH*6012A**	58MV(B,C)080-20	42000	12.8	15.0
1390314	24APA542A30	CSPH*6012A**	58MV(B,C)100-20	42000	13.0	15.0
1390342	24APA542A30	CSPH*6012A**	58MV(B,C)120-20	42000	13.0	15.0
904110	24APA542A30	CSPH*6012A**+TDR		42500	12.0	14.0
1249653	24APA542A30	FE4AN(B,F)003+UI		40500	12.7	15.0
1249660	24APA542A30	FE4AN(B,F)005+UI		42000	13.0	15.5
1249728	24APA542A30	FE5ANB004+UI		42500	13.0	16.0
1348232	24APA542A30	FV4BN(B,F)003		40500	12.7	15.0
1348235	24APA542A30	FV4BN(B,F)005		42000	13.0	15.5
1037331	24APA542A30	FV4BNB006		42500	13.0	16.0

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# COMBINATION RATINGS CONTINUED

24APAS

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
904299	24APA542A30	FX4CN(B,F)042		41500	12.2	14.5
904054	24APA542A30	FX4CN(B,F)048		42500	12.5	15.0
905670	24APA542A30	FY4ANF042		41000	11.7	13.5
906598	24APA542A30	FY4ANF048		42000	12.0	14.0
905852	24APA548A30	†CAP**6024A**+TDR		48000	12.0	14.0
905813	24APA548A30	CAP**4817A**	58CV(A,X)090-16	46500	12.0	14.0
3120767	24APA548A30	CAP**4817A**	58MEB080-16	47000	12.0	14.0
3015310	24APA548A30	CAP**4817A**	58PH*070-16	46500	11.5	13.2
906459	24APA548A30	CAP**4817A**+TDR		46500	11.7	13.5
906169	24APA548A30	CAP**4821A**	58CV(A,X)110-20	46500	12.0	14.0
3120768	24APA548A30	CAP**4821A**	58MEB100-20	47000	12.0	14.0
1390346	24APA548A30	CAP**4821A**	58MV(B,C)080-20	46000	12.0	14.0
1390358	24APA548A30	CAP**4821A**	58MV(B,C)100-20	46000	12.0	14.0
3015311	24APA548A30	CAP**4821A**	58PH*090-16	47000	12.2	14.3
3015312	24APA548A30	CAP**4821A**	58PH*110-20	47000	12.2	14.5
1121430	24APA548A30	CAP**4821A**	58UVB080-20	46000	12.0	14.0
1121892	24APA548A30	CAP**4821A**	58UVB100-20	46000	12.0	14.0
906176	24APA548A30	CAP**4821A**+TDR		47000	11.7	13.5
904878	24APA548A30	CAP**4824A**	58CV(A,X)135-22	46500	12.5	14.5
906101	24APA548A30	CAP**4824A**	58CV(A,X)155-22	46500	12.5	14.5
3120769	24APA548A30	CAP**4824A**	58MEB120-20	47000	12.2	14.5
1390380	24APA548A30	CAP**4824A**	58MV(B,C)120-20	46000	12.0	14.0
3015313	24APA548A30	CAP**4824A**	58PH*135-20	47000	12.2	14.5
1121739	24APA548A30	CAP**4824A**	58UVB120-20	46000	12.0	14.0
906333	24APA548A30	CAP**4824A**+TDR		47000	11.7	13.5
903087	24APA548A30	CAP**6021A**	58CV(A,X)110-20	47500	12.5	14.5
3120770	24APA548A30	CAP**6021A**	58MEB100-20	47000	12.2	14.5
1390344	24APA548A30	CAP**6021A**	58MV(B,C)080-20	47000	12.5	14.5
1390370	24APA548A30	CAP**6021A**	58MV(B,C)100-20	47500	12.5	14.5
3015314	24APA548A30	CAP**6021A**	58PH*090-16	47500	12.2	14.5
3015315	24APA548A30	CAP**6021A**	58PH*110-20	47500	12.5	15.0
1121172	24APA548A30	CAP**6021A**	58UVB080-20	47000	12.5	14.5
1121187	24APA548A30	CAP**6021A**	58UVB100-20	47500	12.5	14.5
904019	24APA548A30	CAP**6021A**+TDR		48000	12.0	14.0
904058	24APA548A30	CAP**6024A**	58CV(A,X)155-22	47500	13.0	15.0
3120771	24APA548A30	CAP**6024A**	58MEB120-20	47000	12.2	14.5
3015316	24APA548A30	CAP**6024A**	58PH*135-20	48000	12.2	14.5
1121400	24APA548A30	CAP**6024A**	58UVB120-20	48000	12.3	14.5
906093	24APA548A30	CNPF*4818A**+TDR		46000	11.7	13.5
904705	24APA548A30	CNPH*4821A**	58CV(A,X)090-16	46500	12.0	14.0
905334	24APA548A30	CNPH*4821A**	58CV(A,X)110-20	46500	12.0	14.0
906541	24APA548A30	CNPH*4821A**	58CV(A,X)135-22	46500	12.5	14.5
904534	24APA548A30	CNPH*4821A**	58CV(A,X)155-22	46500	12.5	14.5
3120775	24APA548A30	CNPH*4821A**	58MEB080-16	47000	12.0	14.0
3120776	24APA548A30	CNPH*4821A**	58MEB100-20	47000	12.0	14.0
3120777	24APA548A30	CNPH*4821A**	58MEB120-20	47000	12.2	14.5
1390348	24APA548A30	CNPH*4821A**	58MV(B,C)080-20	46500	12.0	14.0
1390360	24APA548A30	CNPH*4821A**	58MV(B,C)100-20	46500	12.0	14.0
1390382	24APA548A30	CNPH*4821A**	58MV(B,C)120-20	46500	12.0	14.0
3015321	24APA548A30	CNPH*4821A**	58PH*070-16	47000	11.5	13.2
3015322	24APA548A30	CNPH*4821A**	58PH*090-16	47000	12.2	14.3
3015323	24APA548A30	CNPH*4821A**	58PH*110-20	47000	12.2	14.5
3015324	24APA548A30	CNPH*4821A**	58PH*135-20	47000	12.5	14.5
904881	24APA548A30	CNPH*4821A**+TDR		47000	11.7	13.5
905697	24APA548A30	CNPH*6024A**	58CV(A,X)090-16	47000	12.5	14.5
904259	24APA548A30	CNPH*6024A**	58CV(A,X)110-20	47500	12.5	14.5
905824	24APA548A30	CNPH*6024A**	58CV(A,X)135-22	47500	12.9	15.0
903200	24APA548A30	CNPH*6024A**	58CV(A,X)155-22	47500	13.0	15.0
3120778	24APA548A30	CNPH*6024A**	58MEB080-16	47000	12.0	14.0
3120779	24APA548A30	CNPH*6024A**	58MEB100-20	47000	12.2	14.5
3120780	24APA548A30	CNPH*6024A**	58MEB120-20	47000	12.2	14.5
1390356	24APA548A30	CNPH*6024A**	58MV(B,C)080-20	47000	12.5	14.5
1390362	24APA548A30	CNPH*6024A**	58MV(B,C)100-20	47000	12.5	14.5
1390372	24APA548A30	CNPH*6024A**	58MV(B,C)120-20	47000	12.5	14.5
3015325	24APA548A30	CNPH*6024A**	58PH*070-16	47500	11.7	13.5
3015326	24APA548A30	CNPH*6024A**	58PH*090-16	48000	12.2	14.5
3015327	24APA548A30	CNPH*6024A**	58PH*110-20	48000	12.5	15.0
3015328	24APA548A30	CNPH*6024A**	58PH*135-20	48000	12.2	14.5
904685	24APA548A30	CNPH*6024A**+TDR		39000	12.0	14.0
1069402	24APA548A30	CNPV*4821A**	58CV(A,X)090-16	47500	12.0	14.0
904539	24APA548A30	CNPV*4821A**	58CV(A,X)110-20	46500	12.0	14.0
3120772	24APA548A30	CNPV*4821A**	58MEB100-20	47000	12.0	14.0
1390350	24APA548A30	CNPV*4821A**	58MV(B,C)080-20	46500	12.0	14.0
1390364	24APA548A30	CNPV*4821A**	58MV(B,C)100-20	46500	12.0	14.0

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# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3015317	24APA548A30	CNPV*4821A**	58PH*090-16	47000	12.2	14.3
3015318	24APA548A30	CNPV*4821A**	58PH*110-20	47000	12.2	14.5
1121190	24APA548A30	CNPV*4821A**	58UVB080-20	46500	12.0	14.0
1121226	24APA548A30	CNPV*4821A**	58UVB100-20	46500	12.0	14.0
1144662	24APA548A30	CNPV*4821A**	58VLR120-20	47500	12.0	14.0
1144660	24APA548A30	CNPV*4821A**	58VLR120-20	47500	11.5	14.0
905719	24APA548A30	CNPV*4821A**+TDR		47000	11.7	13.5
906488	24APA548A30	CNPV*4824A**	58CV(A,X)135-22	46500	12.5	14.5
906619	24APA548A30	CNPV*4824A**	58CV(A,X)155-22	46500	12.5	14.5
3120773	24APA548A30	CNPV*4824A**	58MEB120-20	47000	12.2	14.5
1390384	24APA548A30	CNPV*4824A**	58MV(B,C)120-20	46500	12.0	14.0
3015319	24APA548A30	CNPV*4824A**	58PH*135-20	47000	12.2	14.5
1121403	24APA548A30	CNPV*4824A**	58UVB120-20	46500	12.0	14.0
1144666	24APA548A30	CNPV*4824A**	58VLR120-20	47500	11.5	14.0
1144664	24APA548A30	CNPV*4824A**	58VLR120-20	47500	11.5	14.0
904278	24APA548A30	CNPV*4824A**+TDR		47000	11.7	13.5
906500	24APA548A30	CNPV*6024A**	58CV(A,X)135-22	47500	12.9	15.0
904463	24APA548A30	CNPV*6024A**	58CV(A,X)155-22	47500	13.0	15.0
3120774	24APA548A30	CNPV*6024A**	58MEB120-20	47000	12.2	14.5
1390374	24APA548A30	CNPV*6024A**	58MV(B,C)120-20	47000	12.5	14.5
3015320	24APA548A30	CNPV*6024A**	58PH*135-20	48000	12.2	14.5
1121682	24APA548A30	CNPV*6024A**	58UVB120-20	47000	12.5	14.5
1144670	24APA548A30	CNPV*6024A**	58VLR120-20	48000	11.7	14.5
1144668	24APA548A30	CNPV*6024A**	58VLR120-20	48000	11.5	14.0
903133	24APA548A30	CNPV*6024A**+TDR		48000	12.0	14.0
903961	24APA548A30	CSPH*4812A**	58CV(A,X)090-16	47000	12.0	14.0
903432	24APA548A30	CSPH*4812A**	58CV(A,X)110-20	47000	12.0	14.0
904303	24APA548A30	CSPH*4812A**	58CV(A,X)135-22	47000	12.5	14.5
903535	24APA548A30	CSPH*4812A**	58CV(A,X)155-22	47000	12.5	14.5
3120781	24APA548A30	CSPH*4812A**	58MEB080-16	47000	12.0	14.0
3120782	24APA548A30	CSPH*4812A**	58MEB100-20	47000	12.0	14.0
3120783	24APA548A30	CSPH*4812A**	58MEB120-20	47000	12.2	14.5
1390352	24APA548A30	CSPH*4812A**	58MV(B,C)080-20	46500	12.0	14.0
1390366	24APA548A30	CSPH*4812A**	58MV(B,C)100-20	46500	12.0	14.0
1390376	24APA548A30	CSPH*4812A**	58MV(B,C)120-20	46500	12.0	14.0
3015329	24APA548A30	CSPH*4812A**	58PH*070-16	47000	11.5	13.2
3015330	24APA548A30	CSPH*4812A**	58PH*090-16	47000	12.2	14.3
3015331	24APA548A30	CSPH*4812A**	58PH*110-20	47000	12.2	14.5
3015332	24APA548A30	CSPH*4812A**	58PH*135-20	47000	12.2	14.5
903273	24APA548A30	CSPH*4812A**+TDR		47500	11.7	13.5
906430	24APA548A30	CSPH*6012A**	58CV(A,X)090-16	47500	12.5	14.5
904567	24APA548A30	CSPH*6012A**	58CV(A,X)110-20	47500	12.5	14.5
905666	24APA548A30	CSPH*6012A**	58CV(A,X)135-22	47500	13.0	15.0
905426	24APA548A30	CSPH*6012A**	58CV(A,X)155-22	48000	13.0	15.0
3120784	24APA548A30	CSPH*6012A**	58MEB080-16	47000	12.0	14.0
3120785	24APA548A30	CSPH*6012A**	58MEB100-20	47000	12.2	14.5
3120786	24APA548A30	CSPH*6012A**	58MEB120-20	47000	12.2	14.5
1390354	24APA548A30	CSPH*6012A**	58MV(B,C)080-20	47500	12.5	14.5
1390368	24APA548A30	CSPH*6012A**	58MV(B,C)100-20	47500	12.5	14.5
1390378	24APA548A30	CSPH*6012A**	58MV(B,C)120-20	47500	12.5	14.5
3015333	24APA548A30	CSPH*6012A**	58PH*070-16	47500	11.7	13.5
3015334	24APA548A30	CSPH*6012A**	58PH*090-16	48000	12.2	14.5
3015335	24APA548A30	CSPH*6012A**	58PH*110-20	48000	12.5	15.0
3015336	24APA548A30	CSPH*6012A**	58PH*135-20	48000	12.2	14.5
904352	24APA548A30	CSPH*6012A**+TDR		48000	12.0	14.0
1249657	24APA548A30	FE4AN(B,F)005+UI		47500	13.0	15.0
1249731	24APA548A30	FE4ANB006+UI		48000	13.0	15.5
1348238	24APA548A30	FV4BN(B,F)005		47500	13.0	15.0
905557	24APA548A30	FV4BNB006		48000	13.0	15.5
906521	24APA548A30	FX4CN(B,F)048		48000	12.5	14.5
904234	24APA548A30	FX4CN(B,F)060		48500	12.5	15.0
903866	24APA548A30	FY4ANB060		48000	11.7	13.5
906159	24APA548A30	FY4ANF048		47500	11.7	13.5
905315	24APA560A30	†CAP**6024A**+TDR		58500	11.9	14.0
903497	24APA560A30	CAP**6021A**	58CV(A,X)110-20	58500	12.0	14.2
904660	24APA560A30	CAP**6021A**	58CV(A,X)135-22	58500	12.2	14.5
903091	24APA560A30	CAP**6021A**	58CV(A,X)155-22	58500	12.2	14.5
3120787	24APA560A30	CAP**6021A**	58MEB100-20	57500	12.0	14.0
3022505	24APA560A30	CAP**6021A**	58PH*090-16	57500	12.0	14.3
3022506	24APA560A30	CAP**6021A**	58PH*110-20	58000	12.2	14.5
904014	24APA560A30	CAP**6021A**+TDR		58500	11.9	14.0
906644	24APA560A30	CAP**6024A**	58CV(A,X)110-20	58500	12.0	14.2
905765	24APA560A30	CAP**6024A**	58CV(A,X)135-22	58500	12.0	14.2
3120788	24APA560A30	CAP**6024A**	58MEB120-20	58000	12.0	14.0

24APA5

See notes on page 26

# COMBINATION RATINGS CONTINUED

ARI Ref. No.	Model Number	Indoor Model	Furnace Model	Capacity	EER	SEER
3022507	24APA560A30	CAP**6024A**	58PH*135-20	58000	12.0	14.3
906167	24APA560A30	CNPH*6024A**	58CV(A,X)110-20	58500	12.0	14.2
903376	24APA560A30	CNPH*6024A**	58CV(A,X)135-22	58500	12.0	14.2
906303	24APA560A30	CNPH*6024A**	58CV(A,X)155-22	58500	12.2	14.5
3120790	24APA560A30	CNPH*6024A**	58MEB080-16	57000	11.7	13.5
3120791	24APA560A30	CNPH*6024A**	58MEB100-20	57500	12.0	14.0
3120792	24APA560A30	CNPH*6024A**	58MEB120-20	58000	12.0	14.0
3022508	24APA560A30	CNPH*6024A**	58PH*090-16	58000	12.0	14.0
3022509	24APA560A30	CNPH*6024A**	58PH*110-20	58500	12.0	14.3
3022510	24APA560A30	CNPH*6024A**	58PH*135-20	58000	12.0	14.3
903396	24APA560A30	CNPH*6024A**+TDR		58500	11.9	14.0
1069404	24APA560A30	CNPV*6024A**	58CV(A,X)110-20	58000	12.0	14.0
903517	24APA560A30	CNPV*6024A**	58CV(A,X)135-22	58500	12.0	14.2
905552	24APA560A30	CNPV*6024A**	58CV(A,X)155-22	58500	12.2	14.5
3120789	24APA560A30	CNPV*6024A**	58MEB120-20	58000	12.0	14.0
3022511	24APA560A30	CNPV*6024A**	58PH*135-20	58000	12.0	14.3
1144672	24APA560A30	CNPV*6024A**	58VLR120-20	57500	11.5	14.0
903951	24APA560A30	CNPV*6024A**+TDR		58500	11.9	14.0
903176	24APA560A30	CSPH*6012A**	58CV(A,X)110-20	58500	12.0	14.2
904923	24APA560A30	CSPH*6012A**	58CV(A,X)135-22	58500	12.2	14.5
904903	24APA560A30	CSPH*6012A**	58CV(A,X)155-22	58500	12.2	14.5
3120793	24APA560A30	CSPH*6012A**	58MEB080-16	57500	11.7	13.5
3120794	24APA560A30	CSPH*6012A**	58MEB100-20	58000	12.0	14.0
3120795	24APA560A30	CSPH*6012A**	58MEB120-20	58000	12.0	14.0
1390386	24APA560A30	CSPH*6012A**	58MV(B,C)120-20	58500	11.9	14.2
3022512	24APA560A30	CSPH*6012A**	58PH*090-16	58000	12.0	14.3
3022513	24APA560A30	CSPH*6012A**	58PH*110-20	58500	12.2	14.5
3022514	24APA560A30	CSPH*6012A**	58PH*135-20	58000	12.0	14.3
903372	24APA560A30	CSPH*6012A**+TDR		58500	11.9	14.0
1249725	24APA560A30	FE4ANB006+UI		59000	12.5	15.0
903891	24APA560A30	FV4BNB006		59000	12.5	15.0
903722	24APA560A30	FX4CN(B,F)060		58500	12.2	14.5
903455	24APA560A30	FY4ANB060		59000	11.8	14.0

† Tested combination

## 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 significantly affected.

**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

# DETAILED COOLING CAPACITIES#

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)											
CFM	EWB ° F (° C)	75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)	
		Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†	Capacity MBtuh Total	Sens†
525	72 (22.2)	21.97	11.42	20.98	11.03	19.92	10.63	18.80	10.21	17.62	9.77	16.32	9.30
	67 (19.4)	20.07	13.93	19.15	13.54	18.17	13.13	17.13	12.70	16.04	12.25	14.83	11.77
	62 (16.7)	18.33	16.43	17.48	16.03	16.59	15.61	15.65	15.16	14.68	14.68	13.78	13.78
	57 (13.9)	17.64	17.64	16.97	16.97	16.26	16.26	15.50	15.50	14.68	14.68	13.78	13.78
	52 (22.2)	22.39	11.99	21.35	11.60	20.25	11.19	19.09	10.76	17.71	10.32	16.51	9.84
600	72 (22.2)	20.48	14.85	19.52	14.45	18.50	14.04	17.42	13.60	16.28	13.14	15.04	12.65
	67 (19.4)	18.78	17.69	17.90	17.28	17.00	16.83	16.14	16.14	15.27	15.27	14.30	14.30
	62 (16.7)	18.44	18.44	17.72	17.72	16.96	16.96	16.14	16.14	15.27	15.27	14.30	14.30
	57 (13.9)	22.70	12.53	21.62	12.13	20.48	11.72	19.28	11.29	17.44	10.84	16.64	10.36
	52 (22.2)	20.78	15.73	19.79	15.33	18.74	14.91	17.63	14.46	16.46	14.00	15.18	13.50
675	72 (22.2)	19.17	18.88	18.35	18.33	17.53	17.53	16.67	16.67	15.75	15.75	14.72	14.72
	67 (19.4)	19.10	19.10	18.34	18.34	17.53	17.53	16.67	16.67	15.75	15.75	14.72	14.72
	62 (16.7)	19.10	19.10	18.34	18.34	17.53	17.53	16.67	16.67	15.75	15.75	14.72	14.72
	57 (13.9)	21.97	11.42	20.98	11.03	19.92	10.63	18.80	10.21	17.62	9.77	16.32	9.30
	52 (22.2)	20.07	13.93	19.15	13.54	18.17	13.13	17.13	12.70	16.04	12.25	14.83	11.77

## 24APAS5 8A30 Outdoor Section With CAP\*\*2414A\*\* Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	
								CAP**3017A**
CAP**1814A**	0.98	0.99	58CV(A,X)070-12	CSPH*2412A**	0.99	0.90	58CV(A,X)070-12	58MVB080-14
CAP**2417A**	1.00	1.00	58CV(A,X)070-12	CSPH*3012A**	1.00	0.91	58CV(A,X)070-12	58MVB080-14
CAP**3014A**	0.99	0.97	58CV(A,X)070-12	CAP**2417A**	0.99	0.90	58CV(A,X)090-16	58MVB080-14
CAP**3017A**	0.99	0.96	58CV(A,X)070-12	CAP**3014A**	1.00	0.91	58CV(A,X)090-16	58MVB080-14
CNPV*2416A**	1.00	1.00	58CV(A,X)090-16	CNPV*3017A**	1.00	0.91	58CV(A,X)090-16	58MVB080-14
CNPV*2417A**	1.00	1.00	58CV(A,X)090-16	CNPV*2417A**	0.99	0.92	58CV(A,X)090-16	58MVB080-14
CNPV*1814A**	1.01	0.99	58CV(A,X)090-16	CNPV*3017A**	1.00	0.91	58CV(A,X)090-16	58PH*045-08
CNPV*2414A**	0.99	0.99	58CV(A,X)090-16	CNPV*2417A**	0.99	0.92	58CV(A,X)090-16	58PH*045-08
CNPV*2414A**	1.00	1.00	58CV(A,X)090-16	CNPV*3014A**	1.00	0.91	58CV(A,X)090-16	58PH*045-08
CNPV*3014A**	1.00	1.00	58CV(A,X)090-16	CNPV*3017A**	1.00	0.91	58CV(A,X)090-16	58PH*045-08
CNPV*3017A**	0.99	0.98	58CV(A,X)090-16	CSPH*2412A**	1.00	0.91	58CV(A,X)090-16	58PH*045-08
CSPH*2412A**	1.01	0.97	58CV(A,X)090-16	CSPH*3012A**	1.01	0.91	58CV(A,X)090-16	58PH*045-08
CSPH*3012A**	1.01	0.99	58CV(A,X)090-16	CAP**2417A**	0.98	0.89	58MEB040-12	58PH*045-08
FE4ANF02	1.01	0.89	58MEB040-12	CAP**3017A**	1.00	0.91	58MEB040-12	58PH*045-08
FF1DNA018	0.95	0.95	58MEB040-12	CNPV*2417A**	0.99	0.89	58MEB040-12	58PH*045-08
FF1DNA024	0.98	0.99	58MEB040-12	CAP**2417A**	0.98	0.89	58MEB040-12	58PH*045-08
FF1DNA030	0.99	1.03	58MEB040-12	CNPV*2417A**	0.98	0.91	58MEB040-12	58PH*045-08
FF1ENP018	0.98	0.99	58MEB040-12	CNPV*3014A**	0.98	0.91	58MEB040-12	58PH*045-08
FF1ENP024	1.00	1.00	58MEB040-12	CSPH*2412A**	0.98	0.91	58MEB040-12	58PH*045-08
FF1ENP030	0.99	1.02	58MEB040-12	CAP**2417A**	0.98	0.91	58MEB040-12	58PH*045-08
FV4BNF002	1.01	0.89	58MEB040-14	CAP**3017A**	0.99	0.90	58MEB040-14	58PH*045-08
FV4BNF018	0.98	1.00	58MEB040-14	CAP**2417A**	1.00	0.91	58MEB040-14	58PH*045-08
FV4BNF030	1.00	0.96	58MEB040-14	CNPV*2417A**	0.99	0.91	58MEB040-14	58PH*045-08
FV4CNF018	1.01	0.93	58MEB040-14	CNPV*3017A**	1.00	0.91	58MEB040-14	58PH*045-08
FV4CNF024	1.01	0.93	58MEB040-14	CNPV*2417A**	0.99	0.90	58MEB040-14	58PH*045-08
FV4CNF030	1.01	0.97	58MEB040-14	CNPV*3017A**	1.00	0.91	58MEB040-14	58PH*045-08
FV4NF018	0.98	1.00	58MEB040-14	CSPH*2412A**	1.00	0.91	58MEB040-14	58PH*045-08
FV4NF024	0.99	1.00	58MEB040-14	CSPH*3012A**	1.00	0.91	58MEB040-14	58PH*045-08
FV4NF030	1.00	0.98	58MEB040-14	CAP**2417A**	0.99	0.90	58MEB040-14	58PH*045-08
CAP**1814A**	0.97	0.90	58CV(A,X)070-12	CAP**3014A**	1.00	0.91	58MEB040-14	58PH*045-08
CAP**2417A**	0.99	0.91	58CV(A,X)070-12	CAP**3017A**	1.00	0.91	58MEB040-14	58PH*045-08
CAP**3014A**	0.99	0.90	58CV(A,X)070-12	CNPV*2417A**	0.99	0.91	58MEB040-14	58PH*045-08
CAP**3017A**	0.99	0.90	58CV(A,X)070-12	CNPV*3014A**	1.00	0.91	58MEB040-14	58PH*045-08
CNPV*2417A**	0.99	0.91	58CV(A,X)070-12	CNPV*2417A**	0.99	0.91	58MEB040-14	58PH*045-08
CNPV*3017A**	0.98	0.90	58CV(A,X)070-12	CNPV*3014A**	1.00	0.91	58MEB040-14	58PH*045-08
CNPV*1814A**	0.99	0.91	58CV(A,X)070-12	CNPV*3017A**	1.00	0.91	58MEB040-14	58PH*045-08
CNPV*2414A**	0.99	0.91	58CV(A,X)070-12	CSPH*2412A**	1.00	0.91	58MEB040-14	58PH*045-08
CNPV*3014A**	0.99	0.90	58CV(A,X)070-12	CSPH*3012A**	1.00	0.91	58MEB040-14	58PH*045-08

See notes on pg. 38



24APAS5

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)															
		75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)					
CFM	EWB ° F (° C)	Capacity MBtuh		Total 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†					
700	72 (22.2)	28.15	14.85	1.56	14.39	13.89	1.95	25.60	13.89	24.23	13.38	22.77	12.85	2.42	21.15	12.26	2.70
	67 (19.4)	25.81	18.31	1.55	24.67	17.83	1.94	23.45	17.82	22.17	16.80	20.81	16.25	2.42	19.32	15.65	2.69
	62 (16.7)	23.70	21.75	1.55	22.64	21.25	1.73	21.54	20.72	20.39	20.16	19.31	19.31	2.42	18.16	18.16	2.69
	57 (13.9)	23.06	23.06	1.54	22.21	22.21	1.73	21.30	21.30	20.34	20.34	19.31	19.31	2.42	18.16	18.16	2.69
	52 (12.2)	28.60	15.59	1.59	27.31	15.11	1.78	25.95	14.61	24.53	14.10	22.21	23.02	13.56	2.46	21.35	12.97
800	67 (19.4)	26.25	19.51	1.59	25.06	18.51	1.98	23.80	18.51	22.48	17.98	21.08	17.42	2.46	19.54	16.81	2.73
	62 (16.7)	24.22	23.39	1.58	23.16	22.13	1.77	22.13	22.13	21.10	21.10	20.00	20.00	2.45	18.78	18.78	2.73
	57 (13.9)	24.00	24.00	1.58	23.09	23.09	1.77	22.12	22.12	21.10	21.10	20.00	20.00	2.45	18.78	18.78	2.73
	52 (12.2)	28.92	16.29	1.63	27.59	15.81	1.81	26.18	15.30	24.74	14.79	23.18	14.24	2.50	21.47	13.64	2.77
	67 (19.4)	26.57	20.66	1.62	25.35	20.16	1.81	24.05	19.65	22.70	19.11	21.27	18.54	2.49	19.70	17.92	2.77
900	62 (16.7)	24.77	24.77	1.62	23.81	23.81	1.81	22.79	22.79	21.71	21.71	20.55	20.55	2.49	19.26	19.26	2.76
	57 (13.9)	24.77	24.77	1.62	23.81	23.81	1.81	22.79	22.79	21.71	21.71	20.55	20.55	2.49	19.26	19.26	2.76

24APAS24A30 Outdoor Section With CAP\*\*3014A\*\* Indoor Section

INDOOR MODEL	COOLING	CAPACITY	POWER	FURNACE MODEL	INDOOR MODEL	COOLING	CAPACITY	POWER	FURNACE MODEL
CAP**3014A**	FY4ANF036	1.00	1.03		CAP**3621A**	CSPH*3621A**	1.00	0.92	58CV(A,X)135-22
CAP**2414A**	CSPH*3612A**	1.02	1.02		CAP**2417A**	CNPV*2417A**	0.98	0.90	58CV(A,X)135-22
CAP**3017A**	CAP**2414A**	0.98	0.90	58CV(A,X)070-12	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58CV(A,X)135-22
CAP**3614A**	CAP**3014A**	1.00	0.91	58CV(A,X)070-12	CNPV*3621A**	CNPV*3621A**	1.00	0.92	58CV(A,X)135-22
CAP**3617A**	CAP**3614A**	1.00	0.92	58CV(A,X)070-12	CSPH*2412A**	CSPH*2412A**	1.00	0.92	58CV(A,X)135-22
CAP**3621A**	CNPV*2417A**	0.98	0.90	58CV(A,X)070-12	CSPH*3012A**	CSPH*3012A**	1.00	0.92	58CV(A,X)135-22
CNPV*2418A**	CNPV*3017A**	0.99	0.91	58CV(A,X)070-12	CAP**3621A**	CAP**3621A**	1.02	0.94	58CV(A,X)135-22
CNPV*3618A**	CNPV*3617A**	0.99	0.91	58CV(A,X)070-12	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58CV(A,X)155-22
CNPV*3017A**	CNPV*2414A**	0.98	0.90	58CV(A,X)070-12	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58CV(A,X)155-22
CNPV*3017A**	CNPV*3014A**	0.99	0.91	58CV(A,X)070-12	CNPV*3617A**	CNPV*3617A**	1.00	0.92	58CV(A,X)155-22
CNPV*3617A**	CNPV*3617A**	0.99	0.91	58CV(A,X)070-12	CNPV*3621A**	CNPV*3621A**	1.00	0.92	58CV(A,X)155-22
CNPV*2417A**	CSPH*3617A**	0.99	0.91	58CV(A,X)070-12	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58CV(A,X)155-22
CNPV*3014A**	CSPH*3012A**	1.00	0.92	58CV(A,X)070-12	CSPH*2412A**	CSPH*2412A**	1.00	0.92	58CV(A,X)155-22
CNPV*3017A**	CSPH*3612A**	1.01	0.93	58CV(A,X)070-12	CAP**2417A**	CAP**2417A**	1.02	0.94	58CV(A,X)155-22
CNPV*3017A**	CAP**2417A**	0.99	0.91	58CV(A,X)090-16	CAP**3017A**	CAP**3017A**	1.00	0.92	58MEB040-12
CNPV*3617A**	CAP**3017A**	1.00	0.92	58CV(A,X)090-16	CNPV*2417A**	CNPV*2417A**	0.99	0.92	58MEB040-12
CSPH*2412A**	CAP**3614A**	1.00	0.92	58CV(A,X)090-16	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58MEB040-12
CSPH*3012A**	CAP**3617A**	1.00	0.92	58CV(A,X)090-16	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58MEB040-12
CSPH*3012A**	CAP**3621A**	1.00	0.92	58CV(A,X)090-16	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58MEB040-12
FE4ANF002	CNPV*2417A**	0.98	0.90	58CV(A,X)090-16	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58MEB040-12
FE4ANF003	CNPV*3017A**	1.00	0.92	58CV(A,X)090-16	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58MEB040-12
FE4ANB004	CNPV*3617A**	1.00	0.92	58CV(A,X)090-16	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58MEB060-12
FF1DNA024	CNPV*3621A**	1.00	0.92	58CV(A,X)090-16	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58MEB060-12
FF1DNA030	CSPH*2412A**	1.00	0.92	58CV(A,X)090-16	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58MEB060-12
FF1ENP024	CSPH*3012A**	1.00	0.92	58CV(A,X)090-16	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58MEB060-12
FF1ENP030	CSPH*3612A**	1.02	0.94	58CV(A,X)090-16	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58MEB060-12
FF1ENP036	CAP**3614A**	1.00	0.92	58CV(A,X)110-20	CSPH*2412A**	CSPH*2412A**	1.00	0.92	58MEB060-12
FV4BNF002	CAP**3621A**	1.00	0.92	58CV(A,X)110-20	CAP**2417A**	CAP**2417A**	1.00	0.92	58MEB060-12
FV4BNF003	CNPV*2417A**	0.98	0.90	58CV(A,X)110-20	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58MEB060-12
FV4BNF036	CNPV*3017A**	1.00	0.92	58CV(A,X)110-20	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58MEB060-12
FX4CN(B,F)036	CNPV*3617A**	1.00	0.92	58CV(A,X)110-20	CNPV*2417A**	CNPV*2417A**	1.00	0.92	58MEB060-12
FX4CNF024	CNPV*3617A**	1.00	0.92	58CV(A,X)110-20	CNPV*3017A**	CNPV*3017A**	1.00	0.92	58MEB060-12
FX4CNF030	CSPH*2412A**	1.00	0.92	58CV(A,X)110-20	CSPH*2412A**	CSPH*2412A**	1.00	0.92	58MEB060-12
FY4ANF024	CSPH*3012A**	1.00	0.92	58CV(A,X)110-20	CSPH*3012A**	CSPH*3012A**	1.00	0.92	58MEB060-12
FY4ANF030	CSPH*3612A**	1.02	0.94	58CV(A,X)110-20	CSPH*3612A**	CSPH*3612A**	1.00	0.92	58MEB060-12

# DETAILED COOLING CAPACITIES# CONTINUED

24APAS24A30 Outdoor Section With CAP\*\*3014A\*\* Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3621A**	1.00	0.92	58MV8040-14
CNPV*2417A**	0.98	0.90	58MV8040-14
CNPV*3017A**	1.00	0.92	58MV8040-14
CNPV*3617A**	1.00	0.92	58MV8040-14
CNPV*3621A**	1.00	0.92	58MV8040-14
CSPH*2412A**	1.00	0.92	58MV8040-14
CSPH*3012A**	1.00	0.92	58MV8040-14
CSPH*3612A**	1.01	0.93	58MV8040-14
CAP**2414A**	1.01	0.93	58MV8060-14
CNPV*2417A**	0.98	0.90	58MV8060-14
CNPV*3017A**	1.00	0.92	58MV8060-14
CNPV*3617A**	1.00	0.92	58MV8060-14
CNPV*3621A**	1.00	0.92	58MV8060-14
CSPH*2412A**	1.00	0.92	58MV8060-14
CSPH*3012A**	1.00	0.92	58MV8060-14
CSPH*3612A**	1.01	0.93	58MV8060-14
CAP**3617A**	1.00	0.92	58MV8080-14
CAP**3621A**	1.00	0.92	58MV8080-14
CNPV*2417A**	0.98	0.90	58MV8080-14
CNPV*3017A**	1.00	0.92	58MV8080-14
CNPV*3617A**	1.00	0.92	58MV8080-14
CNPV*3621A**	1.00	0.92	58MV8080-14
CSPH*2412A**	1.00	0.92	58MV8080-14
CSPH*3012A**	1.00	0.92	58MV8080-14
CSPH*3612A**	1.01	0.93	58MV8080-14
CAP**3617A**	1.00	0.92	58MV8080-20
CAP**3621A**	1.00	0.92	58MV8080-20
CNPV*2417A**	0.98	0.90	58MV8080-20
CNPV*3017A**	1.00	0.92	58MV8080-20
CNPV*3617A**	1.00	0.92	58MV8080-20
CNPV*3621A**	1.00	0.92	58MV8080-20
CSPH*2412A**	1.00	0.92	58MV8080-20
CSPH*3012A**	1.00	0.92	58MV8080-20
CSPH*3612A**	1.01	0.93	58MV8080-20
CAP**3617A**	1.00	0.92	58MV8100-20
CAP**3621A**	1.00	0.92	58MV8100-20
CNPV*2417A**	0.99	0.91	58MV8100-20
CNPV*3017A**	1.00	0.92	58MV8100-20
CNPV*3617A**	1.00	0.92	58MV8100-20
CNPV*3621A**	1.00	0.92	58MV8100-20
CSPH*2412A**	1.00	0.92	58MV8100-20
CSPH*3012A**	1.00	0.92	58MV8100-20
CSPH*3612A**	1.02	0.94	58MV8100-20
CAP**3621A**	1.00	0.92	58MV8120-20
CNPV*2417A**	0.98	0.91	58MV8120-20
CNPV*3017A**	0.99	0.91	58MV8120-20
CNPV*3617A**	1.00	0.92	58MV8120-20
CNPV*3621A**	1.00	0.92	58MV8120-20
CSPH*2412A**	0.99	0.91	58MV8120-20

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3012A**	1.00	0.92	58VMB120-20
CSPH*3612A**	1.01	0.93	58VMB120-20
CAP**2414A**	0.99	0.95	58PH*045-08
CAP**3014A**	1.01	0.93	58PH*045-08
CNPV*2417A**	0.99	0.95	58PH*045-08
CNPV*3014A**	1.00	0.92	58PH*045-08
CNPV*3014A**	0.99	0.95	58PH*045-08
CSPH*2412A**	0.99	0.95	58PH*045-08
CSPH*3012A**	1.01	0.93	58PH*045-08
CNPV*2417A**	0.99	0.92	58VLR105-12
CNPV*3014A**	0.97	0.90	58VLR105-12
CNPV*3017A**	0.97	0.90	58VLR105-12
CNPV*2414A**	0.98	0.94	58VMR105-12
CNPV*2417A**	0.98	0.94	58VMR105-12
CNPV*3014A**	0.99	0.92	58VMR105-12
CNPV*3017A**	1.00	0.92	58VMR105-12

See notes on pg. 38

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†	Total	Sens†	Total	Sens†	Total	Sens†
900	72 (22.2)	35.87	18.97	1.98	34.30	18.37	2.20	32.63	17.74	2.44	30.86	17.08	2.71	28.95	16.38	3.00	26.87	15.63	3.31
	67 (19.4)	32.60	23.27	1.97	31.14	22.86	2.19	29.80	22.02	2.43	27.97	21.36	2.70	26.21	20.65	2.99	24.31	19.89	3.30
	62 (16.7)	29.76	27.58	1.96	28.45	26.95	2.18	27.08	26.28	2.42	25.66	25.52	2.69	24.32	24.32	2.98	22.87	22.87	3.30
	57 (13.9)	29.05	29.05	1.96	27.99	27.99	2.18	26.86	26.86	2.42	25.64	25.64	2.69	24.32	24.32	2.98	22.87	22.87	3.30
	52 (15.6)	36.38	19.70	2.02	34.75	19.09	2.24	33.03	18.45	2.47	31.21	17.79	2.75	29.24	17.08	3.04	27.10	16.32	3.35
1000	72 (22.2)	33.06	24.43	2.01	31.55	23.81	2.23	29.97	22.50	2.74	28.29	22.50	2.74	26.50	21.78	3.03	24.54	21.01	3.34
	67 (19.4)	30.30	29.15	2.00	28.98	28.48	2.22	27.67	27.67	2.46	26.40	26.40	2.73	25.02	25.02	3.02	23.49	23.49	3.34
	62 (16.7)	29.99	29.99	2.00	28.87	28.87	2.22	27.68	27.68	2.46	26.41	26.41	2.73	25.02	25.02	3.02	23.49	23.49	3.34
	57 (13.9)	36.87	20.55	2.07	35.18	19.94	2.28	33.40	19.29	2.53	31.52	18.62	2.79	29.50	17.90	3.08	27.30	17.13	3.40
	52 (15.6)	33.51	25.82	2.06	31.96	25.19	2.27	30.33	24.55	2.52	28.61	23.86	2.78	26.77	23.13	3.07	24.77	22.33	3.39
1125	72 (22.2)	30.96	30.96	2.05	29.81	29.81	2.27	28.55	28.55	2.51	27.20	27.20	2.78	25.74	25.74	3.07	24.14	24.14	3.39
	67 (19.4)	30.99	30.99	2.05	29.81	29.81	2.27	28.55	28.55	2.51	27.20	27.20	2.78	25.74	25.74	3.07	24.14	24.14	3.39
	62 (16.7)	30.99	30.99	2.05	29.81	29.81	2.27	28.55	28.55	2.51	27.20	27.20	2.78	25.74	25.74	3.07	24.14	24.14	3.39
	57 (13.9)	30.99	30.99	2.05	29.81	29.81	2.27	28.55	28.55	2.51	27.20	27.20	2.78	25.74	25.74	3.07	24.14	24.14	3.39
	52 (15.6)	30.99	30.99	2.05	29.81	29.81	2.27	28.55	28.55	2.51	27.20	27.20	2.78	25.74	25.74	3.07	24.14	24.14	3.39

24APAS0A30 Outdoor Section With CAP\*\*3617A\*\* Indoor Section

INDOOR MODEL	COOLING	CAPACITY	POWER	FURNACE MODEL	INDOOR MODEL	COOLING	CAPACITY	POWER	FURNACE MODEL
*CAP**3617A**	FY4ANF036	1.00	1.00		CSPH*3612A**		1.02	0.94	58CV(A,X)135-22
CAP**3014A**	CAP**3014A**	0.99	0.99	58CV(A,X)070-12	CSPH*4212A**		1.03	0.95	58CV(A,X)135-22
CAP**3017A**	CAP**3614A**	1.00	0.93	58CV(A,X)070-12	CAP**4221A**		1.01	0.94	58CV(A,X)155-22
CAP**3614A**	CNPV*3017A**	1.00	0.93	58CV(A,X)070-12	CNPV*4224A**		1.01	0.94	58CV(A,X)155-22
CNPV*3617A**	CNPV*3617A**	1.00	0.93	58CV(A,X)070-12	CNPV*3017A**		1.01	0.93	58CV(A,X)155-22
CNPV*4221A**	CNPV*4221A**	1.01	0.94	58CV(A,X)070-12	CNPV*3617A**		1.01	0.93	58CV(A,X)155-22
CNPV*3014A**	CNPV*3014A**	1.00	0.94	58CV(A,X)070-12	CNPV*4221A**		1.02	0.93	58CV(A,X)155-22
CNPV*3618A**	CNPV*3012A**	1.00	0.94	58CV(A,X)070-12	CNPV*4221A**		1.02	0.93	58CV(A,X)155-22
CNPV*3017A**	CSPH*3612A**	1.00	0.94	58CV(A,X)070-12	CSPH*3012A**		1.01	0.93	58CV(A,X)155-22
CNPV*3617A**	CSPH*4212A**	1.00	0.94	58CV(A,X)070-12	CSPH*3612A**		1.02	0.94	58CV(A,X)155-22
CNPV*4221A**	CAP**3017A**	1.01	0.92	58CV(A,X)090-16	CSPH*4212A**		1.03	0.95	58CV(A,X)155-22
CNPV*3014A**	CAP**3617A**	1.01	0.93	58CV(A,X)090-16	CAP**3017A**		1.03	0.99	58MEB040-12
CNPV*3017A**	CAP**4221A**	1.01	0.94	58CV(A,X)090-16	CAP**3617A**		1.03	0.99	58MEB040-12
CNPV*3617A**	CNPV*3017A**	1.00	0.92	58CV(A,X)090-16	CNPV*3017A**		1.03	0.99	58MEB040-12
CNPV*4221A**	CNPV*3617A**	1.00	0.92	58CV(A,X)090-16	CNPV*3617A**		1.03	0.99	58MEB040-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)090-16	CNPV*4221A**		1.03	0.99	58MEB040-12
CNPV*3617A**	CSPH*3012A**	1.01	0.93	58CV(A,X)090-16	CAP**3017A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CSPH*4212A**	1.00	0.93	58CV(A,X)090-16	CAP**3617A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CSPH*3612A**	1.01	-0.01	58CV(A,X)090-16	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CSPH*4212A**	1.03	0.95	58CV(A,X)090-16	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CAP**3621A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CAP**4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CAP**4224A**	1.01	0.94	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3017A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*3617A**	1.01	0.93	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3621A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CSPH*3012A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CSPH*4212A**	1.00	-0.01	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CSPH*3612A**	1.03	0.95	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CAP**3621A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CAP**4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CAP**4224A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3017A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3617A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3621A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3017A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3617A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.92	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*4221A**	1.01	0.92	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3621A**	1.01	0.92	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3621A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3017A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3617A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3621A**	1.01	0.94	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3017A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3617A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.92	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*4221A**	1.01	0.92	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*3621A**	1.01	0.92	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.92	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB060-12
CNPV*3617A**	CNPV*3621A**	1.01	0.93	58CV(A,X)110-20	CNPV*3617A**		1.03	0.99	58MEB060-12
CNPV*4221A**	CNPV*4221A**	1.01	0.93	58CV(A,X)110-20	CNPV*4221A**		1.03	0.99	58MEB060-12
CNPV*3014A**	CNPV*4221A**	1.01	0.94	58CV(A,X)110-20	CNPV*3017A**		1.03	0.99	58MEB



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†	Total	Sens†	Total	Sens†	Total	Sens†		
1050	72 (22.2)	43.05	22.61	2.29	21.86	39.01	21.07	2.80	20.24	36.79	20.24	3.10	34.38	19.36	3.42	31.71	18.39	3.77			
	67 (19.4)	39.26	27.71	2.27	26.95	35.55	26.15	2.79	25.31	33.51	25.31	3.08	31.32	24.43	3.41	28.89	23.45	3.75			
	62 (16.7)	35.89	32.79	2.27	34.28	32.02	2.51	32.59	31.20	30.80	30.30	3.07	29.05	29.05	3.39	27.20	27.20	3.74			
	57 (13.9)	34.88	34.88	2.26	33.58	32.19	2.51	32.19	32.19	30.69	30.69	3.07	29.05	29.05	3.39	27.20	27.20	3.74			
	72 (22.2)	43.78	23.67	2.34	41.74	22.91	2.59	39.57	22.11	21.26	31.76	21.26	3.15	34.76	20.36	3.48	32.00	19.38	3.82		
1200	67 (19.4)	39.94	29.42	2.33	38.07	28.64	2.57	36.08	27.84	28.84	27.84	2.84	31.70	26.09	3.46	29.20	25.09	3.81			
	62 (16.7)	36.70	35.13	2.32	35.06	34.30	2.56	33.38	33.38	31.80	31.80	2.83	30.05	30.05	3.45	28.07	28.07	3.80			
	57 (13.9)	36.29	36.29	2.32	34.90	34.90	2.56	33.41	33.41	31.80	31.80	2.83	30.05	30.05	3.45	28.07	28.07	3.80			
	72 (22.2)	44.31	24.66	2.40	42.20	23.89	2.64	39.96	23.07	23.07	23.07	2.91	35.01	21.31	3.53	32.17	20.31	3.88			
	67 (19.4)	40.44	31.02	2.38	38.51	30.25	2.63	36.47	29.44	29.44	29.44	2.90	31.98	27.65	3.52	29.43	26.63	3.86			
1350	62 (16.7)	37.47	37.22	2.38	35.98	35.98	2.62	34.41	34.41	34.41	2.89	32.70	32.70	3.19	30.85	30.85	3.51	28.76	28.76	3.86	
	57 (13.9)	37.46	37.46	2.38	35.99	35.99	2.62	34.41	34.41	34.41	2.89	32.71	32.71	3.19	30.85	30.85	3.51	28.77	28.77	3.86	

24APAS56A30 Outdoor Section With CAP\*\*4221A\*\* Indoor Section

INDOOR MODEL	COOLING	CAPACITY	POWER	FURNACE MODEL	INDOOR MODEL	COOLING	CAPACITY	POWER	FURNACE MODEL
CAP**4221A**	1.00	1.00	1.00	58CV(A,X)070-12	CNPV*4821A**	1.02	0.93	0.93	58CV(A,X)135-22
CAP**3614A**	0.99	0.99	0.93	58CV(A,X)070-12	CNPV*4824A**	1.02	0.93	0.93	58CV(A,X)135-22
CAP**3617A**	1.00	1.00	0.93	58CV(A,X)070-12	CSPH*3612A**	1.02	0.93	0.93	58CV(A,X)135-22
CAP**3621A**	0.99	0.99	0.96	58CV(A,X)070-12	CSPH*4821A**	1.02	0.94	0.94	58CV(A,X)135-22
CAP**4224A**	1.00	1.00	0.94	58CV(A,X)070-12	CSPH*4812A**	1.03	0.95	0.95	58CV(A,X)135-22
CAP**4817A**	1.02	1.02	0.93	58CV(A,X)070-12	CAP**4224A**	1.01	0.92	0.92	58CV(A,X)155-22
CAP**4821A**	1.02	1.02	0.94	58CV(A,X)070-12	CAP**4821A**	1.02	0.93	0.93	58CV(A,X)155-22
CAP**4817A**	1.02	1.02	0.92	58CV(A,X)090-16	CAP**4824A**	1.02	0.93	0.93	58CV(A,X)155-22
CAP**4821A**	1.01	0.93	0.93	58CV(A,X)090-16	CNPV*3617A**	1.00	0.98	0.98	58MEB040-12
CAP**4821A**	1.01	0.93	0.93	58CV(A,X)090-16	CNPV*4221A**	1.00	0.96	0.96	58MEB040-12
CNPV*3617A**	1.01	0.93	0.93	58CV(A,X)090-16	CNPV*4221A**	1.01	0.92	0.92	58CV(A,X)155-22
CNPV*3617A**	1.01	0.93	0.93	58CV(A,X)090-16	CNPV*4821A**	1.02	0.93	0.93	58CV(A,X)155-22
CNPV*3617A**	1.02	1.01	0.92	58CV(A,X)090-16	CNPV*4824A**	1.02	0.93	0.93	58CV(A,X)155-22
CNPV*3617A**	1.02	1.01	0.93	58CV(A,X)090-16	CSPH*4812A**	1.02	0.94	0.94	58CV(A,X)155-22
CNPV*4217A**	1.00	1.00	0.96	58CV(A,X)090-16	CSPH*4821A**	1.02	0.93	0.93	58CV(A,X)155-22
CNPV*4217A**	1.00	1.00	0.93	58CV(A,X)090-16	CSPH*4812A**	1.03	0.95	0.95	58CV(A,X)155-22
CNPV*4217A**	1.00	1.00	0.93	58CV(A,X)090-16	CAP**3617A**	1.00	0.98	0.98	58MEB040-12
CNPV*4217A**	1.01	1.01	0.94	58CV(A,X)090-16	CNPV*3617A**	1.00	0.98	0.98	58MEB040-12
CNPV*4217A**	1.02	1.01	0.94	58CV(A,X)090-16	CNPV*4221A**	1.00	0.96	0.96	58MEB040-12
CSPH*3612A**	1.02	1.02	0.92	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB040-12
CSPH*4212A**	1.03	1.03	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB040-12
CSPH*4812A**	1.04	1.04	0.94	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB040-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB040-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FE4ANF005	1.03	1.03	0.94	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FE4ANF004	1.04	1.04	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF005	1.03	1.03	0.94	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF004	1.04	1.04	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF005	1.03	1.03	0.94	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF004	1.04	1.04	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF005	1.03	1.03	0.94	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF004	1.04	1.04	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF005	1.03	1.03	0.94	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF004	1.04	1.04	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF005	1.03	1.03	0.94	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF004	1.04	1.04	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF005	1.03	1.03	0.94	58CV(A,X)110-20	CNPV*3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF004	1.04	1.04	0.92	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FF1ENP036	1.00	1.00	0.93	58CV(A,X)110-20	CNPV*4217A**	1.00	0.96	0.96	58MEB060-12
FV4BNB006	1.05	1.05	0.93	58CV(A,X)110-20	CSPH*3612A**	1.00	0.98	0.98	58MEB060-12
FV4BNB002	0.99	0.99	0.95	58CV(A,X)110-20	CSPH*4212A**	1.00	0.96	0.96	58MEB060-12
FE4ANF003	1.00	1.00	0.92	58CV(A,X)110-20	CAP**3617A**	1.00	0.98	0.98	58MEB060-12
FE4ANF005	1.03	1.03	0.94						



DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)															
		75 (23.9)		85 (29.4)		95 (35)		105 (40.6)		115 (46.1)		125 (51.7)					
CFM	EWB ° F (° C)	Capacity MBtuh		Total Syst. KW**	Capacity MBtuh		Total Syst. KW**	Capacity MBtuh		Total Syst. KW**	Capacity MBtuh		Total Syst. KW**				
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†					
1225	72 (22.2)	49.75	25.99	2.80	47.44	25.10	44.97	24.17	3.40	42.34	23.18	39.48	22.13	4.11	36.30	20.97	4.50
	67 (19.4)	45.37	31.78	2.76	43.26	30.88	41.02	29.94	3.35	38.62	28.95	36.02	27.90	4.06	33.14	26.75	4.46
	62 (16.7)	41.42	37.53	2.72	39.52	36.62	37.52	35.67	3.31	35.41	34.63	33.29	33.29	4.02	31.12	31.12	4.43
	57 (13.9)	40.06	40.06	2.70	38.56	38.56	36.95	36.95	3.30	35.20	35.20	33.29	33.29	4.02	31.13	31.13	4.43
1400	72 (22.2)	50.67	27.24	2.88	48.24	26.33	45.66	25.37	3.47	42.92	30.89	39.94	29.82	4.13	36.64	28.65	4.58
	67 (19.4)	46.24	33.78	2.83	44.02	32.86	41.67	31.90	3.42	39.16	30.89	36.47	29.82	4.13	33.49	28.65	4.53
	62 (16.7)	42.36	40.26	2.79	40.41	39.30	38.22	38.22	3.38	36.51	36.51	34.45	34.45	4.10	32.13	32.13	4.51
	57 (13.9)	41.75	41.75	2.79	40.13	40.13	38.39	38.39	3.38	36.52	36.52	34.46	34.46	4.10	32.13	32.13	4.51
1575	72 (22.2)	51.35	28.41	2.95	48.82	27.49	46.15	26.52	3.54	43.32	25.50	40.26	24.41	4.25	38.86	23.23	4.65
	67 (19.4)	46.87	35.67	2.91	44.56	34.73	42.14	33.77	3.50	39.56	32.75	36.79	31.65	4.20	33.74	30.44	4.60
	62 (16.7)	43.21	42.73	2.87	41.39	41.39	39.55	39.55	3.47	37.55	37.55	35.37	35.37	4.18	32.91	32.91	4.59
	57 (13.9)	43.12	43.12	2.87	41.40	41.40	39.55	39.55	3.47	37.56	37.56	35.37	35.37	4.18	32.91	32.91	4.59

24APAS42A30 Outdoor Section With CAP\*\*4821A\*\* Indoor Section

INDOOR MODEL	COOLING	CAPACITY	POWER	FURNACE MODEL	FURNACE MODEL	CAPACITY	POWER	FURNACE MODEL	FURNACE MODEL
CAP**4821A**	1.00	1.00	0.93	58CV(A)X090-16	58CV(A)X155-22	1.00	0.92	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.98	0.99	0.92	58CV(A)X090-16	58CV(A)X155-22	1.01	0.93	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.98	0.99	0.93	58CV(A)X090-16	58CV(A)X155-22	1.01	0.92	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.00	1.00	0.93	58CV(A)X090-16	58CV(A)X155-22	1.00	0.92	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X090-16	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X090-16	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X090-16	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	0.99	0.99	0.92	58CV(A)X110-20	58CV(A)X155-22	0.99	0.96	58CV(A)X155-22	58CV(A)X155-22
CAP**4821A**	1.01	1.00	0.93	58CV(A)X110-20	58CV(A)X				



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†	Total	Sens†	Total	Sens†	Total	Sens†
	72 (22.2)	57.83	30.11	3.14	54.97	29.01	3.53	51.98	27.87	3.96	48.83	26.69	4.42	45.47	25.45	4.90	41.77	24.11	5.42
1400	67 (19.4)	52.76	36.76	3.15	50.15	35.65	3.54	47.43	34.51	3.96	44.58	33.33	4.41	41.53	32.10	4.89	38.20	30.76	5.40
	62 (16.7)	48.16	43.36	3.16	45.83	42.25	3.55	43.41	41.10	3.96	40.89	39.88	4.41	38.37	36.37	4.88	35.87	35.87	5.39
	57 (13.9)	46.43	46.43	3.17	44.60	44.60	3.55	42.66	42.66	3.96	40.60	40.60	4.41	38.37	38.37	4.88	35.87	35.87	5.39
1600	72 (22.2)	53.95	31.60	3.21	55.94	30.46	3.60	52.80	29.30	4.03	49.52	28.10	4.49	46.02	26.84	4.97	42.18	25.47	5.49
	67 (19.4)	53.81	39.13	3.22	51.07	37.99	3.61	48.21	36.82	4.03	45.24	35.62	4.49	42.07	34.36	4.97	38.62	32.99	5.48
	62 (16.7)	49.29	46.80	3.23	46.87	45.42	3.62	44.43	44.14	4.04	42.15	42.15	4.48	39.73	39.73	4.96	37.04	37.04	5.47
1800	72 (22.2)	59.77	32.99	3.27	56.65	31.84	3.67	53.39	30.66	4.10	50.00	29.44	4.56	46.39	28.16	5.05	42.44	26.78	5.56
	67 (19.4)	54.58	41.38	3.29	51.74	40.23	3.68	48.79	39.04	4.11	45.72	37.82	4.56	42.46	36.53	5.04	38.92	35.12	5.55
	62 (16.7)	50.29	49.58	3.30	48.01	48.01	3.69	45.78	45.78	4.11	43.40	43.40	4.56	40.83	40.83	5.04	37.97	37.97	5.55
57 (13.9)	50.14	50.14	3.30	48.02	48.02	3.69	45.78	45.78	4.11	43.40	43.40	4.56	40.83	40.83	5.04	37.97	37.97	5.55	

COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**6024A**		1.00	1.00		CNPV*6024A**	0.99	0.92	58CV(A,X)135-22
CAP**4817A**		0.97	0.99		CSPH*4812A**	0.98	0.94	58CV(A,X)135-22
CAP**4821A**		0.98	1.00		CSPH*6012A**	0.99	0.92	58CV(A,X)135-22
CAP**4824A**		0.98	1.00		CAP**4824A**	0.97	0.93	58CV(A,X)155-22
CAP**6021A**		1.00	1.00		CAP**6024A**	0.99	0.92	58CV(A,X)155-22
CNPV*4818A**		0.96	0.98		CNPV*4821A**	0.97	0.93	58CV(A,X)155-22
CNPV*4821A**		0.98	1.00		CNPV*6024A**	0.99	0.91	58CV(A,X)155-22
CNPV*6024A**		0.08	0.08		CNPV*4824A**	0.97	0.93	58CV(A,X)155-22
CNPV*4821A**		0.98	1.00		CNPV*6024A**	0.99	0.91	58CV(A,X)155-22
CNPV*4824A**		0.98	1.00		CSPH*4812A**	0.98	0.94	58CV(A,X)155-22
CNPV*6024A**		1.00	1.00		CSPH*6012A**	1.00	0.92	58CV(A,X)155-22
CSPH*4812A**		0.99	1.01		CAP**4817A**	0.98	0.98	58MEB080-16
CSPH*6012A**		1.00	1.00		CNPV*4821A**	0.98	0.98	58MEB080-16
FB4BNB070		1.00	1.03		CNPV*6024A**	0.98	0.98	58MEB080-16
FE4ANB006		1.00	0.92		CSPH*4812A**	0.98	0.98	58MEB080-16
FE4ANF005		0.99	0.92		CSPH*6012A**	0.98	0.98	58MEB080-16
FV4BNB006		1.00	0.92		CAP**4821A**	0.98	0.98	58MEB100-20
FV4BNF005		0.99	0.92		CAP**6021A**	0.98	0.96	58MEB100-20
FY4ANB060		1.00	1.03		CNPV*4821A**	0.98	0.98	58MEB100-20
FY4ANF048		0.99	1.01		CNPV*6024A**	0.98	0.96	58MEB100-20
CAP**4817A**		0.97	0.97	58CV(A,X)090-16	CNPV*4821A**	0.98	0.96	58MEB100-20
CNPV*4821A**		0.97	0.97	58CV(A,X)090-16	CNPV*6024A**	0.98	0.96	58MEB100-20
CNPV*6024A**		0.98	0.94	58CV(A,X)090-16	CSPH*4812A**	0.98	0.98	58MEB100-20
CNPV*4821A**		0.99	0.99	58CV(A,X)090-16	CSPH*6012A**	0.98	0.96	58MEB100-20
CNPV*4824A**		0.98	0.98	58CV(A,X)090-16	CAP**4824A**	0.98	0.96	58MEB100-20
CSPH*4812A**		0.98	0.98	58CV(A,X)090-16	CAP**6024A**	0.98	0.96	58MEB100-20
CSPH*6012A**		0.99	0.95	58CV(A,X)090-16	CNPV*4821A**	0.98	0.96	58MEB100-20
CAP**4821A**		0.97	0.97	58CV(A,X)110-20	CNPV*6024A**	0.98	0.96	58MEB100-20
CAP**6021A**		0.97	0.95	58CV(A,X)110-20	CNPV*4824A**	0.98	0.96	58MEB100-20
CNPV*4821A**		0.97	0.97	58CV(A,X)110-20	CNPV*4824A**	0.98	0.96	58MEB100-20
CNPV*6024A**		0.99	0.95	58CV(A,X)110-20	CNPV*4821A**	0.98	0.96	58MEB100-20
CNPV*4812A**		0.97	0.97	58CV(A,X)110-20	CNPV*6024A**	0.98	0.96	58MEB100-20
CSPH*4812A**		0.98	0.98	58CV(A,X)110-20	CNPV*4821A**	0.98	0.94	58MVBO80-20
CSPH*6012A**		0.99	0.95	58CV(A,X)110-20	CAP**6021A**	0.98	0.94	58MVBO80-20
CAP**4824A**		0.97	0.93	58CV(A,X)135-22	CNPV*4821A**	0.97	0.97	58MVBO80-20
CNPV*4821A**		0.97	0.93	58CV(A,X)135-22	CNPV*6024A**	0.98	0.94	58MVBO80-20
CNPV*6024A**		0.99	0.92	58CV(A,X)135-22	CNPV*4821A**	0.97	0.97	58MVBO80-20
CNPV*4824A**		0.97	0.93	58CV(A,X)135-22	CNPV*6024A**	0.97	0.97	58MVBO80-20
CNPV*4824A**		0.97	0.93	58CV(A,X)135-22	CSPH*4812A**	0.97	0.97	58MVBO80-20

# DETAILED COOLING CAPACITIES# CONTINUED

24APAS48A30 Outdoor Section With CAP\*\*6024A\*\* Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*6024A**	1.00	0.98	58PH*135-20
CNPV*4824A**	0.98	0.96	58PH*135-20
CNPV*6024A**	1.00	0.98	58PH*135-20
CSPH*4812A**	0.98	0.96	58PH*135-20
CSPH*6012A**	1.00	0.98	58PH*135-20
CNPV*4821A**	0.99	0.99	58VLR120-20
CNPV*4824A**	0.99	1.03	58VLR120-20
CNPV*6024A**	1.00	1.03	58VLR120-20
CNPV*4821A**	0.99	1.03	58VMR120-20
CNPV*4824A**	0.99	1.03	58VMR120-20
CNPV*6024A**	1.00	1.04	58VMR120-20

See notes on pg. 38

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†	Total	Sens†	Total	Sens†	Total	Sens†
	72 (22.2)	71.24	37.12	4.00	68.02	35.88	4.40	64.60	34.58	4.85	60.97	33.21	5.34	57.00	31.74	5.88	52.58	30.13	6.45
1700	67 (19.4)	65.05	45.36	3.93	62.11	44.11	4.34	59.00	42.80	4.79	55.69	41.42	5.28	52.10	39.96	5.81	48.14	38.97	6.39
	62 (16.7)	59.46	53.54	3.88	56.82	52.28	4.29	54.05	50.95	4.73	51.13	49.53	5.23	48.05	47.98	5.76	45.09	45.09	6.35
	57 (13.9)	57.44	57.44	3.86	55.94	55.94	4.27	53.10	53.10	4.72	50.70	50.70	5.22	48.06	48.06	5.76	45.10	45.10	6.35
1900	72 (22.2)	72.35	38.59	4.08	68.99	37.32	4.49	65.44	35.99	4.94	61.66	34.60	5.43	57.56	33.11	5.96	53.00	31.48	6.53
	67 (19.4)	66.10	47.70	4.02	63.03	46.42	4.43	59.80	45.09	4.87	56.37	43.70	5.36	52.66	42.22	5.90	48.57	40.59	6.47
	62 (16.7)	60.59	56.75	3.97	57.87	55.43	4.37	55.06	54.00	4.82	52.25	52.25	5.31	49.45	49.45	5.86	46.30	46.30	6.44
	57 (13.9)	59.43	59.43	3.95	57.19	57.19	4.36	54.82	54.82	4.82	52.26	52.26	5.32	49.46	49.46	5.86	46.30	46.30	6.44
2100	72 (22.2)	73.20	39.97	4.17	69.73	38.68	4.57	66.07	37.34	5.02	62.19	35.93	5.51	57.98	34.42	6.04	53.29	32.77	6.61
	67 (19.4)	66.90	49.94	4.10	63.74	48.64	4.51	60.40	47.30	4.95	56.88	45.89	5.45	53.08	44.38	5.98	48.90	42.71	6.55
	62 (16.7)	61.58	59.74	4.05	58.87	58.28	4.46	56.26	56.26	4.91	53.56	53.56	5.41	50.61	50.61	5.95	47.28	47.28	6.53
	57 (13.9)	61.12	61.12	4.05	58.77	58.77	4.46	56.26	56.26	4.91	53.57	53.57	5.41	50.61	50.61	5.95	47.28	47.28	6.53

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*CAP**6024A**	1.00	1.00		CSPH*6012A**	1.00	0.99	58CV(A,X)110-20	CSPH*6012A**	1.00	0.97	58CV(A,X)110-20	CSPH*6012A**	1.00	0.99	58MEB120-20
CAP**6021A**	1.00	1.00		CAP**6021A**	1.00	0.97	58CV(A,X)135-22	CAP**6021A**	1.00	0.99	58CV(A,X)135-22	CAP**6021A**	1.00	0.98	58MEB120-20
CNPV*6024A**	1.00	1.00		CNPV*6024A**	1.00	0.99	58CV(A,X)135-22	CNPV*6024A**	1.00	0.99	58CV(A,X)135-22	CNPV*6024A**	1.00	1.00	58WB120-20
CSPH*6012A**	1.00	1.00		CNPV*6024A**	1.00	0.99	58CV(A,X)135-22	CNPV*6024A**	1.00	0.99	58CV(A,X)135-22	CNPV*6024A**	1.00	0.97	58PH*090-16
FB4NB070	1.01	1.02		CSPH*6012A**	1.00	0.97	58CV(A,X)135-22	CSPH*6012A**	1.00	0.97	58CV(A,X)135-22	CSPH*6012A**	1.00	0.98	58PH*090-16
FE4ANB006	1.01	0.96		CAP**6021A**	1.00	0.97	58CV(A,X)155-22	CAP**6021A**	1.00	0.97	58CV(A,X)155-22	CAP**6021A**	1.00	0.96	58PH*110-20
FV4ANB006	1.01	0.96		CNPV*6024A**	1.00	0.97	58CV(A,X)155-22	CNPV*6024A**	1.00	0.97	58CV(A,X)155-22	CNPV*6024A**	1.00	0.99	58PH*110-20
FX4BNB060	1.01	1.02		CNPV*6024A**	1.00	0.97	58CV(A,X)155-22	CNPV*6024A**	1.00	0.97	58CV(A,X)155-22	CNPV*6024A**	1.00	0.99	58PH*110-20
FX4GN(B,F)060	1.00	0.95		CSPH*6012A**	1.00	0.97	58CV(A,X)155-22	CSPH*6012A**	1.00	0.97	58CV(A,X)155-22	CSPH*6012A**	1.00	0.97	58PH*135-20
FY4ANB060	1.01	1.02		CNPV*6024A**	0.97	0.99	58MEB080-16	CNPV*6024A**	0.97	0.99	58MEB080-16	CNPV*6024A**	0.99	0.98	58PH*135-20
CAP**6021A**	1.00	0.99		CSPH*6012A**	0.98	1.00	58MEB080-16	CSPH*6012A**	0.98	1.00	58MEB080-16	CSPH*6012A**	0.99	0.98	58PH*135-20
CAP**6024A**	1.00	0.99		CAP**6021A**	0.98	0.97	58MEB100-20	CAP**6021A**	0.98	0.97	58MEB100-20	CAP**6021A**	0.99	0.98	58PH*135-20
CNPV*6024A**	1.00	0.99		CNPV*6024A**	0.98	0.97	58MEB100-20	CNPV*6024A**	0.98	0.97	58MEB100-20	CNPV*6024A**	0.99	0.98	58PH*135-20
CNPV*6024A**	1.00	0.99		CSPH*6012A**	0.99	0.98	58MEB100-20	CSPH*6012A**	0.99	0.98	58MEB100-20	CSPH*6012A**	0.99	0.98	58PH*135-20
CNPV*6024A**	0.99	0.98		CAP**6024A**	0.99	0.98	58MEB120-20	CAP**6024A**	0.99	0.98	58MEB120-20	CAP**6024A**	0.98	1.01	58VLR120-20

† 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 ARI standard 210/240-94. 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)
<b>24APA518A30</b>									
30 (-1.11)	TCG	16.50	15.50	14.60	13.60	12.60	11.60	10.50	9.40
	SDT	65.80	75.30	84.80	94.40	103.90	113.40	122.90	132.40
	KW	0.80	0.91	1.04	1.18	1.34	1.50	1.68	1.87
35 (1.67)	TCG	18.20	17.10	16.10	15.10	14.00	12.90	11.70	10.50
	SDT	66.80	76.20	85.70	95.20	104.70	114.10	123.60	133.10
	KW	0.80	0.91	1.04	1.18	1.33	1.50	1.69	1.88
40 (4.44)	TCG	20.00	18.90	17.70	16.60	15.50	14.30	13.00	11.70
	SDT	67.80	77.20	86.60	96.10	105.50	114.90	124.40	133.80
	KW	0.79	0.91	1.03	1.18	1.33	1.50	1.69	1.89
45 (7.22)	TCG	21.90	20.70	19.50	18.30	17.00	15.70	14.40	13.00
	SDT	68.80	78.20	87.60	97.00	106.40	115.80	125.10	134.50
	KW	0.79	0.90	1.03	1.17	1.33	1.50	1.69	1.89
50 (10.0)	TCG	23.90	22.60	21.30	20.00	18.70	17.30	15.80	14.30
	SDT	70.00	79.30	88.70	98.00	107.30	116.60	125.90	135.20
	KW	0.78	0.90	1.03	1.17	1.33	1.50	1.69	1.89
55 (12.78)	TCG	26.10	24.70	23.30	21.80	20.30	18.80	17.30	15.70
	SDT	71.10	80.40	89.80	99.00	108.30	117.50	126.70	135.90
	KW	0.78	0.89	1.02	1.17	1.33	1.50	1.69	1.89
<b>24APA524A30</b>									
30 (-1.11)	TCG	21.30	20.10	18.90	17.70	16.50	15.20	13.90	12.60
	SDT	68.90	78.20	87.60	97.00	106.40	115.90	125.30	134.80
	KW	0.99	1.13	1.30	1.48	1.68	1.90	2.14	2.40
35 (1.67)	TCG	23.50	22.20	20.90	19.60	18.20	16.90	15.50	14.00
	SDT	70.10	79.40	88.70	98.10	107.40	116.80	126.20	135.50
	KW	0.99	1.14	1.30	1.48	1.68	1.91	2.15	2.41
40 (4.44)	TCG	25.80	24.40	23.00	21.60	20.10	18.60	17.10	15.50
	SDT	71.40	80.60	89.90	99.20	108.50	117.80	127.10	136.30
	KW	1.00	1.14	1.31	1.49	1.69	1.91	2.16	2.42
45 (7.22)	TCG	28.20	26.70	25.20	23.60	22.10	20.40	18.80	17.10
	SDT	72.80	81.90	91.10	100.30	109.60	118.80	128.00	137.10
	KW	1.00	1.15	1.31	1.50	1.70	1.92	2.16	2.43
50 (10.0)	TCG	30.80	29.10	27.50	25.80	24.10	22.30	20.50	18.60
	SDT	74.20	83.30	92.40	101.60	110.70	119.80	128.90	138.00
	KW	1.01	1.15	1.32	1.50	1.70	1.93	2.17	2.44
55 (12.78)	TCG	33.50	31.70	29.80	28.00	26.10	24.20	22.30	20.20
	SDT	75.70	84.80	93.80	102.80	111.80	120.90	129.90	138.80
	KW	1.01	1.16	1.33	1.51	1.71	1.93	2.18	2.44
<b>24APA530A30</b>									
30 (-1.11)	TCG	26.40	25.00	23.50	22.10	20.50	19.00	17.30	15.50
	SDT	68.50	77.80	87.20	96.60	106.00	115.40	124.80	134.20
	KW	1.31	1.49	1.69	1.91	2.15	2.42	2.70	2.99
35 (1.67)	TCG	29.00	27.50	26.00	24.40	22.80	21.10	19.30	17.40
	SDT	69.70	79.00	88.40	97.70	107.10	116.40	125.70	135.10
	KW	1.32	1.50	1.70	1.92	2.16	2.43	2.72	3.02
40 (4.44)	TCG	31.90	30.30	28.60	26.90	25.20	23.40	21.40	19.40
	SDT	71.10	80.30	89.60	98.90	108.10	117.40	126.70	135.90
	KW	1.32	1.50	1.70	1.93	2.17	2.44	2.73	3.04
45 (7.22)	TCG	35.00	33.20	31.50	29.60	27.70	25.80	23.70	21.50
	SDT	72.50	81.70	90.90	100.10	109.30	118.50	127.70	136.90
	KW	1.33	1.51	1.71	1.94	2.18	2.45	2.75	3.06
50 (10.0)	TCG	38.30	36.40	34.50	32.50	30.50	28.30	26.10	23.80
	SDT	74.00	83.10	92.20	101.30	110.50	119.60	128.70	137.80
	KW	1.34	1.52	1.72	1.95	2.19	2.46	2.76	3.08
55 (12.78)	TCG	41.80	39.80	37.70	35.50	33.40	31.10	28.70	26.20
	SDT	75.50	84.60	93.60	102.70	111.80	120.80	129.80	138.80
	KW	1.35	1.53	1.73	1.96	2.20	2.48	2.77	3.10
<b>24APA536A30</b>									
30 (-1.11)	TCG	35.70	33.80	31.80	29.80	27.70	25.50	23.20	20.80
	SDT	68.30	77.50	86.70	96.00	105.30	114.60	123.90	133.20
	KW	1.55	1.75	1.98	2.23	2.50	2.80	3.11	3.44
35 (1.67)	TCG	39.30	37.20	35.10	32.90	30.70	28.30	25.80	23.20
	SDT	69.60	78.70	87.90	97.10	106.30	115.60	124.80	134.00
	KW	1.56	1.76	1.99	2.24	2.51	2.81	3.14	3.48
40 (4.44)	TCG	43.20	40.90	38.60	36.30	33.80	31.30	28.60	25.70
	SDT	71.00	80.00	89.10	98.20	107.40	116.60	125.70	134.80
	KW	1.57	1.77	2.00	2.25	2.53	2.83	3.16	3.50
45 (7.22)	TCG	47.30	44.90	42.40	39.80	37.20	34.40	31.50	28.30
	SDT	72.50	81.40	90.40	99.40	108.50	117.60	126.70	135.70
	KW	1.58	1.78	2.01	2.26	2.54	2.85	3.18	3.53
50 (10.0)	TCG	51.70	49.00	46.30	43.60	40.70	37.70	34.50	31.10
	SDT	74.00	82.80	91.80	100.70	109.70	118.70	127.70	136.60
	KW	1.60	1.80	2.02	2.28	2.56	2.86	3.19	3.55
55 (12.78)	TCG	56.30	53.50	50.50	47.50	44.30	41.10	37.60	33.90
	SDT	75.70	84.40	93.20	102.10	111.00	119.90	128.70	137.50
	KW	1.61	1.81	2.04	2.29	2.57	2.88	3.21	3.57

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See notes on page 40

# CONDENSER ONLY RATINGS\* CONTINUED

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)
<b>24APA542A30</b>									
30 (-1.11)	TCG	41.80	39.50	37.20	34.90	32.50	30.00	27.40	24.60
	SDT	68.90	78.20	87.50	96.90	106.20	115.50	124.80	134.00
	KW	1.82	2.05	2.31	2.60	2.91	3.25	3.63	4.02
35 (1.67)	TCG	46.00	43.60	41.10	38.60	35.90	33.20	30.40	27.30
	SDT	70.30	79.50	88.70	98.00	107.30	116.50	125.70	134.90
	KW	1.86	2.09	2.35	2.63	2.95	3.30	3.67	4.07
40 (4.44)	TCG	50.50	47.90	45.20	42.40	39.60	36.60	33.50	30.10
	SDT	71.70	80.90	90.00	99.20	108.40	117.60	126.70	135.80
	KW	1.90	2.13	2.39	2.68	2.99	3.34	3.72	4.12
45 (7.22)	TCG	55.40	52.50	49.60	46.60	43.40	40.20	36.80	33.10
	SDT	73.20	82.30	91.40	100.50	109.60	118.70	127.70	136.70
	KW	1.94	2.17	2.43	2.72	3.04	3.39	3.76	4.17
50 (10.0)	TCG	60.50	57.40	54.20	50.90	47.50	43.90	40.20	36.20
	SDT	74.80	83.80	92.90	101.90	110.90	119.90	128.80	137.60
	KW	1.99	2.22	2.48	2.77	3.09	3.43	3.81	4.22
55 (12.78)	TCG	66.00	62.60	59.10	55.50	51.70	47.90	43.80	39.40
	SDT	76.60	85.40	94.40	103.30	112.20	121.10	129.90	138.60
	KW	2.04	2.27	2.53	2.82	3.14	3.49	3.86	4.27
<b>24APA548A30</b>									
30 (-1.11)	TCG	49.30	46.40	43.60	40.80	37.90	35.00	32.00	28.80
	SDT	69.80	79.00	88.20	97.40	106.70	115.90	125.20	134.40
	KW	2.05	2.37	2.70	3.07	3.46	3.87	4.32	4.79
35 (1.67)	TCG	54.40	51.30	48.10	45.00	41.90	38.60	35.30	31.80
	SDT	71.30	80.30	89.50	98.60	107.80	117.00	126.10	135.30
	KW	2.04	2.36	2.70	3.07	3.47	3.89	4.35	4.83
40 (4.44)	TCG	59.90	56.40	53.00	49.60	46.10	42.50	38.80	34.90
	SDT	72.90	81.80	90.80	99.90	109.00	118.10	127.10	136.10
	KW	2.02	2.35	2.70	3.07	3.48	3.91	4.37	4.86
45 (7.22)	TCG	65.70	62.00	58.20	54.40	50.50	46.60	42.50	38.20
	SDT	74.50	83.40	92.30	101.30	110.20	119.20	128.20	137.00
	KW	2.00	2.33	2.69	3.07	3.49	3.92	4.39	4.88
50 (10.0)	TCG	72.00	67.80	63.70	59.50	55.20	50.90	46.40	41.70
	SDT	76.30	85.00	93.80	102.70	111.60	120.40	129.30	138.00
	KW	1.98	2.32	2.68	3.07	3.49	3.93	4.41	4.90
55 (12.78)	TCG	78.50	74.00	69.40	64.80	60.20	55.40	50.50	45.30
	SDT	78.20	86.80	95.50	104.20	113.00	121.70	130.40	139.00
	KW	1.96	2.30	2.67	3.07	3.49	3.94	4.42	4.92
<b>24APA560A30</b>									
30 (-1.11)	TCG	58.00	54.90	51.80	48.60	45.40	42.10	38.60	34.90
	SDT	73.50	82.50	91.60	100.70	109.80	119.00	128.10	137.20
	KW	2.59	2.91	3.28	3.68	4.13	4.62	5.16	5.74
35 (1.67)	TCG	63.80	60.50	57.10	53.70	50.20	46.50	42.70	38.70
	SDT	75.20	84.10	93.10	102.20	111.20	120.30	129.30	138.30
	KW	2.63	2.96	3.33	3.73	4.18	4.68	5.22	5.80
40 (4.44)	TCG	70.10	66.40	62.80	59.00	55.20	51.20	47.10	42.60
	SDT	77.00	85.90	94.80	103.70	112.70	121.60	130.50	139.30
	KW	2.69	3.02	3.38	3.79	4.24	4.74	5.27	5.86
45 (7.22)	TCG	76.70	72.80	68.80	64.70	60.50	56.20	51.60	46.70
	SDT	79.00	87.70	96.50	105.40	114.20	123.00	131.80	140.50
	KW	2.75	3.08	3.44	3.85	4.30	4.80	5.33	5.91
50 (10.0)	TCG	83.80	79.50	75.20	70.70	66.10	61.30	56.30	50.90
	SDT	81.00	89.70	98.40	107.10	115.80	124.50	133.10	141.70
	KW	2.81	3.14	3.51	3.92	4.37	4.86	5.40	5.97
55 (12.78)	TCG	91.30	86.60	81.80	77.00	71.90	66.70	61.20	55.20
	SDT	83.20	91.70	100.30	108.90	117.50	126.00	134.50	142.90
	KW	2.88	3.21	3.58	3.99	4.44	4.93	5.46	6.03

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

**KW** – Outdoor Unit Kilowatts Only.

**SDT** – Saturated Temperature Leaving Compressor (°F/°C)

**SST** – Saturated Temperature Entering Compressor (°F)

**TCG** – Gross Cooling Capacity (1000 Btuh)

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# 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 ARI Standard 210.
- Unit will be certified for capacity and efficiency, and listed in the latest ARI 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 forward-swept propeller type, discharging air upward.

## AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER

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1-1/2 TO 5 NOMINAL TONS

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

### Compressor

- Compressor will be hermetically sealed.
- Compressor will be mounted on rubber split-post vibration isolators.
- Compressor will be covered with a sound absorbing blanket.

### 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 back-seating shutoff valve with sweat connections, vapor-line back-seating 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.

