

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



## Product Data



**Performance  
SERIES**

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

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

#### Efficiency

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

#### Sound

- Sound level as low as 71 dBA

#### Comfort

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

#### Reliability

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

#### Durability

WeatherArmor™ protection package:

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

#### Applications

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

## MODEL NUMBER NOMENCLATURE

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



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

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

X = Standard

\* With approved combinations

# REFRIGERANT PIPING LENGTH LIMITATIONS

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

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

See Table below for liquid line sizing and maximum lengths :

### Maximum Total Equivalent Length Outdoor Unit BELOW Indoor Unit

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

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

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

-- = outside acceptable range

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### Maximum Total Equivalent Length Outdoor Unit ABOVE Indoor Unit

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

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

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

## REFRIGERANT CHARGE ADJUSTMENTS

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

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

### Charging Formula:

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

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

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

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

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

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

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

## LONG LINE APPLICATIONS

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

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

### AC WITH PURON® REFRIGERANT LONG LINE DESCRIPTION ft (m)

Beyond these lengths, long line accessories are required

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

**Note:** See Long Line Guideline for details

## VAPOR LINE SIZING AND COOLING CAPACITY LOSS

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

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

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

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

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

## PHYSICAL DATA

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

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

## ELECTRICAL DATA

| Unit Size – Voltage, Series | V/PH    | OPER VOLTS* |     | COMPR |       | FAN | MCA   | MIN WIRE SIZE† | MIN WIRE SIZE† | MAX LENGTH ft. (m)‡ | MAX LENGTH ft. (m)‡ | MAX FUSE** or CKT BRK AMPS |
|-----------------------------|---------|-------------|-----|-------|-------|-----|-------|----------------|----------------|---------------------|---------------------|----------------------------|
|                             |         | MIN         | MAX | RLA   | LRA   | FLA |       | 60° C          | 75° C          | 60° C               | 75° C               |                            |
| 24–30                       | 208/230 | 187         | 253 | 10.30 | 52.0  | 0.7 | 13.58 | 14.00          | 14.00          | 60 (18.3)           | 57 (17.4)           | 20                         |
| 36–30                       | 208/230 |             |     | 16.70 | 82.0  | 1.2 | 22.08 | 14.00          | 14.00          | 45 (13.7)           | 44 (13.4)           | 35                         |
| 48–31                       | 208/230 |             |     | 21.20 | 96.0  | 1.3 | 27.80 | 12.00          | 12.00          | 51 (15.5)           | 49 (14.9)           | 40                         |
| 60–31                       | 208/230 |             |     | 23.00 | 118.0 | 1.3 | 30.06 | 8.00           | 10.00          | 93 (28.3)           | 57 (17.4)           | 50                         |

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

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

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

\*\* Time–Delay fuse.

FLA – Full Load Amps

LRA – Locked Rotor Amps

MCA – Minimum Circuit Amps

RLA – Rated Load Amps

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

All motors/compressors contain internal overload protection.

Complies with 2007 requirements of ASHRAE Standards 90.1

## A-WEIGHTED SOUND POWER (dBA)

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

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

## CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

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

## CONTROLS / THERMOSTATS

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

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

\*Serial numbers beginning with 2909 and thereafter.

## ACCESSORIES

| ORDER NUMBER | DESCRIPTION    | 24–30 | 36–30 | 48–31 | 60–31 |
|--------------|----------------|-------|-------|-------|-------|
| KSAHS2301AAA | HARD START KIT | X     |       |       |       |
| KSAHS2401AAA | HARD START KIT |       | X     |       |       |
| KSAHS2501AAA | HARD START KIT |       |       | X     |       |
| KSAHS2601AAA | HARD START KIT |       |       |       | X     |
| KAALS0201LLS | SOLENOID VALVE | X     | X     | X     | X     |
| KSASF0101AAA | SUPPORT FEET   | X     | X     | X     | X     |
| KSATX0201PUR | TXV PURON HSO  | X     |       |       |       |
| KSATX0301PUR | TXV PURON HSO  |       | X     |       |       |
| KSATX0401PUR | TXV PURON HSO  |       |       | X     |       |
| KSATX0501PUR | TXV PURON HSO  |       |       |       | X     |

x = Accessory

## ACCESSORY USAGE GUIDELINE

| ACCESSORY                                              | REQUIRED FOR LONG LINE APPLICATIONS*<br>(Over 80 ft/24.38 m) | REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles/3.22 km) |
|--------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| <b>Compressor Start Assist Capacitor and Relay</b>     | No†                                                          | No†                                                          |
| <b>Crankcase Heater</b>                                | Standard                                                     | Standard                                                     |
| <b>Evaporator Freeze Protection</b>                    | No                                                           | No                                                           |
| <b>Liquid–Line Solenoid Valve</b>                      | No                                                           | No                                                           |
| <b>Low–Ambient Control</b>                             | No                                                           | No                                                           |
| <b>Puron Refrigerant Balance Port Hard–ShutOff TXV</b> | Yes‡                                                         | Yes‡                                                         |
| <b>Support Feet</b>                                    | No                                                           | Recommended                                                  |
| <b>Winter Start Control</b>                            | No                                                           | No                                                           |

\* For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 35 ft. (10.7 m) vertical differential, refer to Residential Split–System Longline Application Guideline.

† Not required since compressor always starts in unload. Available if required by local codes.

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

### Accessory Description and Usage (Listed Alphabetically)

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

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

Usage Guideline:

Not required on this unit since compressor always starts unloaded.

Available if required by local codes.

#### 2. Crankcase Heater

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

Usage Guideline:

Required in low ambient cooling applications.

Required in long line applications.

Suggested in all commercial applications.

#### 3. 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.

#### 4. Low-Ambient Pressure Switch Kit

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 100 psig to 225 psig). The control will maintain working head pressure at low-ambient temperatures down to 0°F (-18°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).

#### 5. 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.

#### 6. Thermostatic Expansion Valve (TXV)

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

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

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

Usage Guideline:

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

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

Required for use on all zoning systems.

#### 7. Winter Start Control

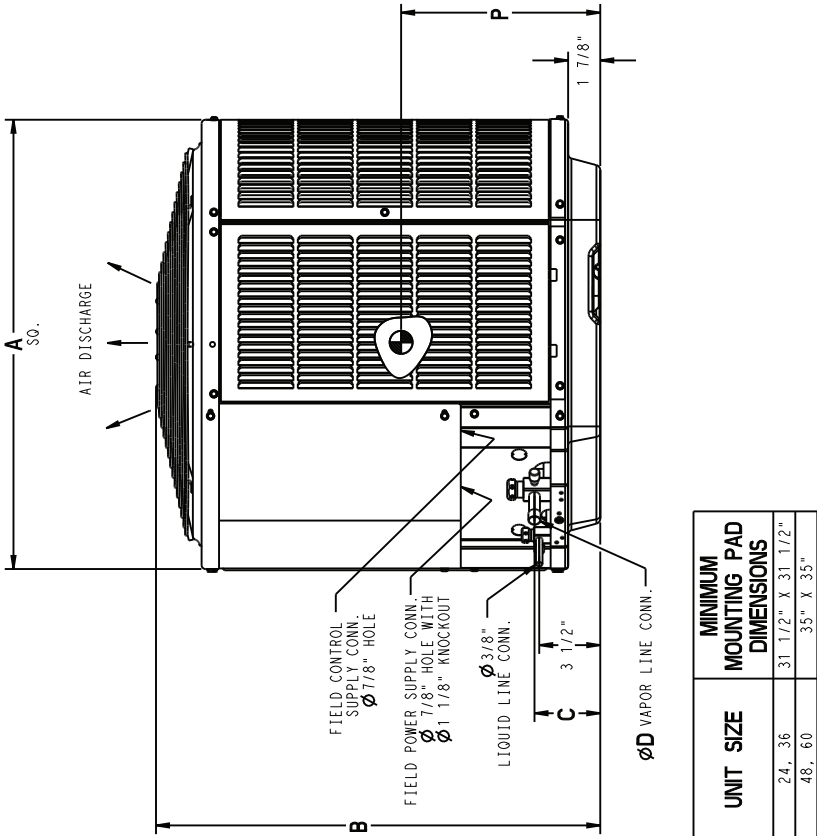
This control is designed to alleviate nuisance opening of the low-pressure switch by bypassing it for the first 3 minutes of operation.

DIMENSIONS - ENGLISH

| UNIT     | SERIES | ELECTRICAL CHARACTERISTICS |   | A | B        | C       | D      | E    | F       | G         | K      | L    | M       | N       | P       | OPERATING WEIGHT (lbs) | SHIPPING WEIGHT (lbs) | SHIPPING DIMENSIONS (L x W x H) |  |
|----------|--------|----------------------------|---|---|----------|---------|--------|------|---------|-----------|--------|------|---------|---------|---------|------------------------|-----------------------|---------------------------------|--|
| 24APA724 | 0      | X                          | 0 | 0 | 31 3/16" | 39 1/8" | 3 7/8" | 3/4" | 6 9/16" | 24 11/16" | 9 1/8" | 5/8" | 14 1/4" | 17 1/4" | 19 1/4" | 204                    | 243                   | 32 3/8" X 35 1/2" X 42 3/4"     |  |
| 24APA736 | 0      | X                          | 0 | 0 | 31 3/16" | 39 1/8" | 3 7/8" | 7/8" | 6 9/16" | 24 11/16" | 9 1/8" | 5/8" | 14 1/4" | 17 1/4" | 19 1/4" | 206                    | 243                   | 32 3/8" X 35 1/2" X 42 3/4"     |  |
| 24APA748 | 0, 1   | X                          | 0 | 0 | 35"      | 39 1/8" | 3 7/8" | 7/8" | 6 9/16" | 28 7/16"  | 9 1/8" | 5/8" | 18"     | 17 1/2" | 19 1/2" | 306                    | 263                   | 36 1/8" X 39 5/16" X 42 3/4"    |  |
| 24APA760 | 0, 1   | X                          | 0 | 0 | 35"      | 45 7/8" | 3 7/8" | 7/8" | 6 9/16" | 28 7/16"  | 9 1/8" | 5/8" | 17 7/8" | 18 5/8" | 20 1/4" | 316                    | 373                   | 36 1/8" X 39 5/16" X 46 3/16"   |  |

X = YES  
O = NO

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



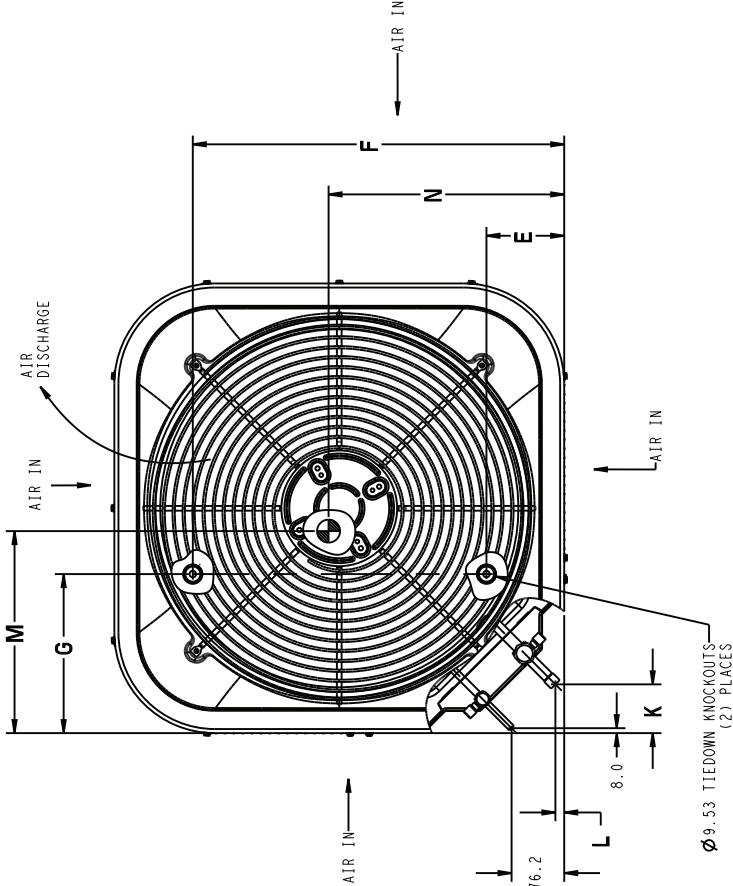
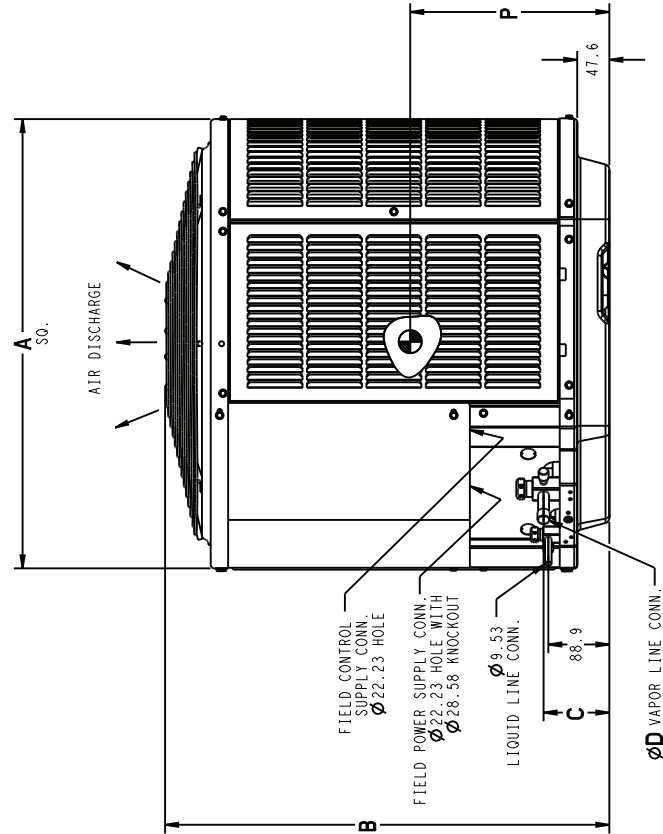
| UNIT SIZE | MINIMUM MOUNTING PAD DIMENSIONS |
|-----------|---------------------------------|
| 24, 36    | 31 1/2" X 31 1/2"               |
| 48, 60    | 35" X 35"                       |

DIMENSIONS - SI

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

X = YES  
O = NO

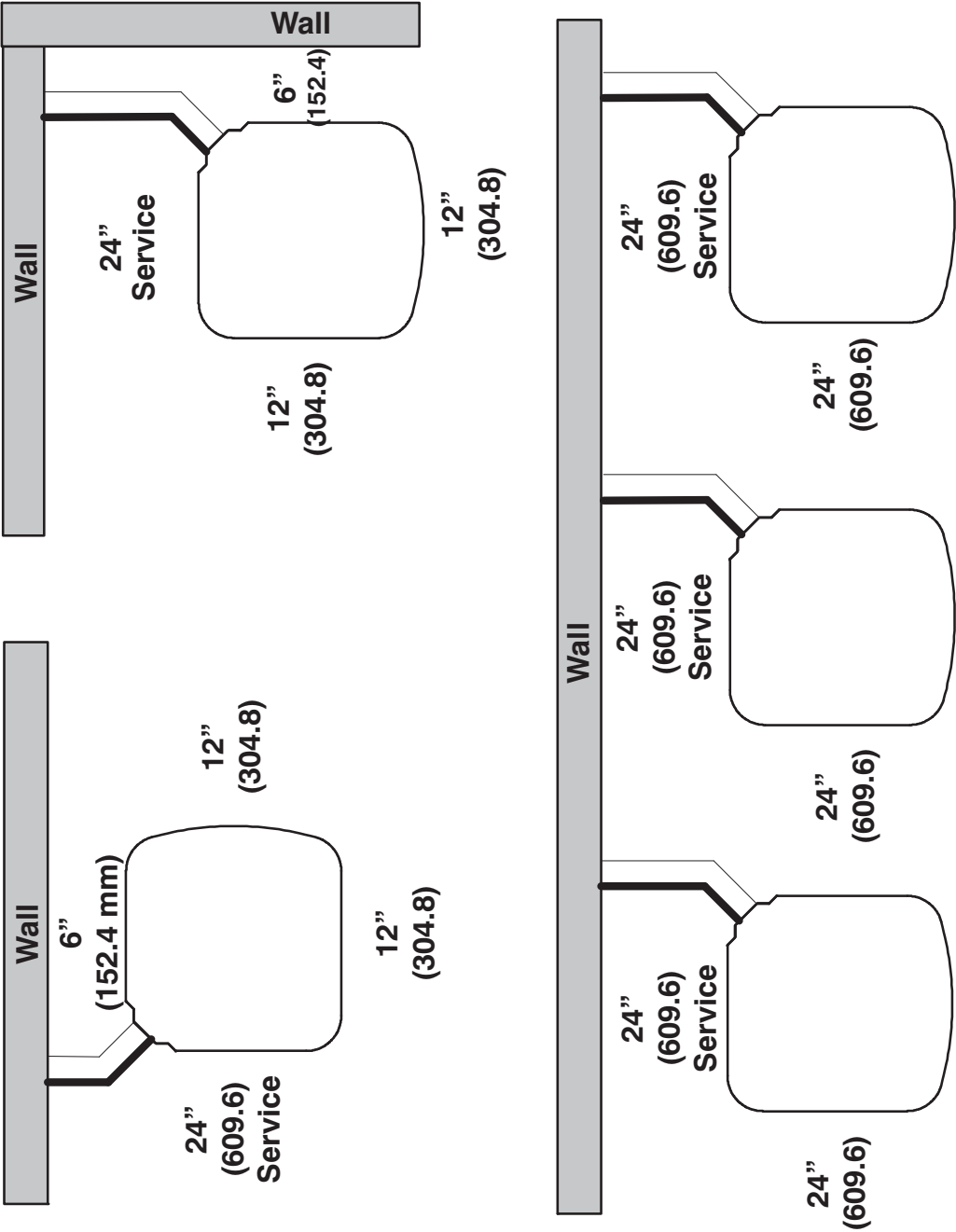
|             |         |              |          |
|-------------|---------|--------------|----------|
| 208-230-160 | 230-160 | 208/230-3-60 | 460-3-60 |
|-------------|---------|--------------|----------|



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

CLEARANCES

Clearances (various examples)



**Note:** Numbers in ( ) = mm

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

# COMBINATION RATINGS

| AHRI<br>Ref. No. | Model Number | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |     |
|------------------|--------------|----------------------|-------------------------|---------------------|--------|------|------|--------|-----|
|                  |              |                      |                         | High                | Low    |      |      | High   | Low |
| 3483687          | 24APA724A30  | †CNPV*4217A**        | 58PH*045–08             | 25,200              | 21,000 | 13.2 | 16.0 | 715    | 585 |
| 3483688          | 24APA724A30  | CAP**2414A**+TDR     |                         | 24,200              | 20,000 | 11.8 | 14.0 | 700    | 560 |
| 3613515          | 24APA724A30  | CAP**2417A**         | 58ME(B,C)040–12         | 25,200              | 21,200 | 13.3 | 16.5 | 765    | 655 |
| 3483781          | 24APA724A30  | CAP**2417A**         | 58ME(B,C)060–12         | 25,200              | 21,000 | 13.3 | 16.5 | 780    | 625 |
| 3615317          | 24APA724A30  | CAP**2417A**         | 58ME(B,C)060–12         | 25,200              | 21,000 | 13.3 | 16.5 | 780    | 625 |
| 3483780          | 24APA724A30  | CAP**2417A**         | 58MEB040–12             | 25,200              | 21,200 | 13.3 | 16.5 | 765    | 655 |
| 3563730          | 24APA724A30  | CAP**2417A**         | 58VLR105–12             | 24,800              | 20,600 | 13.2 | 16.5 | 715    | 585 |
| 3563729          | 24APA724A30  | CAP**2417A**         | 58VMR105–12             | 24,600              | 20,200 | 13.0 | 16.0 | 660    | 520 |
| 3483689          | 24APA724A30  | CAP**2417A**+TDR     |                         | 24,200              | 20,000 | 11.8 | 14.0 | 700    | 560 |
| 3483691          | 24APA724A30  | CAP**2417A**+UI      | 58CV(A,X)090–16         | 24,600              | 20,400 | 13.2 | 16.0 | 670    | 535 |
| 3483690          | 24APA724A30  | CAP**2417A**+UI      | 58MV(B,C)060–14         | 24,800              | 20,600 | 13.2 | 16.0 | 725    | 580 |
| 3746052          | 24APA724A30  | CAP**2417A**+UI      | 58UVB060–14             | 24,800              | 20,600 | 13.2 | 16.0 | 725    | 580 |
| 3483694          | 24APA724A30  | CAP**3014A**         | 58PH*045–08             | 25,000              | 20,600 | 13.0 | 16.0 | 720    | 585 |
| 3483692          | 24APA724A30  | CAP**3014A**+TDR     |                         | 24,400              | 20,000 | 11.9 | 14.0 | 700    | 560 |
| 3483693          | 24APA724A30  | CAP**3014A**+UI      | 58CV(A,X)070–12         | 24,600              | 20,200 | 13.1 | 16.0 | 660    | 530 |
| 3613512          | 24APA724A30  | CAP**3017A**         | 58ME(B,C)040–12         | 25,400              | 21,200 | 13.5 | 16.5 | 785    | 680 |
| 3483785          | 24APA724A30  | CAP**3017A**         | 58ME(B,C)060–12         | 25,400              | 21,200 | 13.4 | 16.5 | 795    | 650 |
| 3615313          | 24APA724A30  | CAP**3017A**         | 58ME(B,C)060–12         | 25,400              | 21,200 | 13.4 | 16.5 | 795    | 650 |
| 3483784          | 24APA724A30  | CAP**3017A**         | 58MEB040–12             | 25,400              | 21,200 | 13.5 | 16.5 | 785    | 680 |
| 3563732          | 24APA724A30  | CAP**3017A**         | 58VLR105–12             | 25,000              | 20,600 | 13.0 | 16.5 | 715    | 585 |
| 3563731          | 24APA724A30  | CAP**3017A**         | 58VMR105–12             | 24,600              | 20,200 | 13.0 | 16.0 | 660    | 520 |
| 3483695          | 24APA724A30  | CAP**3017A**+TDR     |                         | 24,400              | 20,000 | 11.9 | 14.0 | 700    | 560 |
| 3483697          | 24APA724A30  | CAP**3017A**+UI      | 58CV(A,X)090–16         | 24,800              | 20,400 | 13.3 | 16.0 | 670    | 535 |
| 3483696          | 24APA724A30  | CAP**3017A**+UI      | 58MV(B,C)060–14         | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3746053          | 24APA724A30  | CAP**3017A**+UI      | 58UVB060–14             | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3483700          | 24APA724A30  | CAP**3614A**         | 58PH*045–08             | 25,000              | 20,800 | 13.1 | 16.0 | 725    | 590 |
| 3483698          | 24APA724A30  | CAP**3614A**+TDR     |                         | 24,400              | 20,200 | 11.9 | 14.0 | 700    | 560 |
| 3483699          | 24APA724A30  | CAP**3614A**+UI      | 58CV(A,X)070–12         | 24,800              | 20,400 | 13.1 | 16.0 | 660    | 530 |
| 3613513          | 24APA724A30  | CAP**3617A**         | 58ME(B,C)040–12         | 25,400              | 21,400 | 13.5 | 17.0 | 790    | 695 |
| 3615314          | 24APA724A30  | CAP**3617A**         | 58ME(B,C)060–12         | 25,600              | 21,200 | 13.5 | 16.5 | 805    | 660 |
| 3483789          | 24APA724A30  | CAP**3617A**         | 58ME(B,C)060–12         | 25,600              | 21,200 | 13.5 | 16.5 | 805    | 660 |
| 3483788          | 24APA724A30  | CAP**3617A**         | 58MEB040–12             | 25,400              | 21,400 | 13.5 | 17.0 | 790    | 695 |
| 3483701          | 24APA724A30  | CAP**3617A**+TDR     |                         | 24,400              | 20,200 | 11.9 | 14.0 | 700    | 560 |
| 3483703          | 24APA724A30  | CAP**3617A**+UI      | 58CV(A,X)090–16         | 24,800              | 20,400 | 13.3 | 16.5 | 670    | 535 |
| 3483702          | 24APA724A30  | CAP**3617A**+UI      | 58MV(B,C)060–14         | 25,200              | 20,800 | 13.4 | 16.5 | 725    | 580 |
| 3746054          | 24APA724A30  | CAP**3617A**+UI      | 58UVB060–14             | 25,200              | 20,800 | 13.4 | 16.5 | 725    | 580 |
| 3563746          | 24APA724A30  | CAP**3619A**         | 58HVD040–12             | 25,000              | 20,600 | 13.0 | 16.0 | 765    | 595 |
| 3563747          | 24APA724A30  | CAP**3619A**         | 58HVD060–12             | 25,000              | 21,000 | 13.0 | 16.0 | 820    | 640 |
| 3594971          | 24APA724A30  | CAP**3619A**+TDR     |                         | 24,000              | 20,000 | 11.8 | 14.0 | 700    | 560 |
| 3483790          | 24APA724A30  | CAP**3621A**         | 58ME(B,C)060–12         | 25,600              | 21,400 | 13.6 | 17.0 | 820    | 695 |
| 3615315          | 24APA724A30  | CAP**3621A**         | 58ME(B,C)060–12         | 25,600              | 21,400 | 13.6 | 17.0 | 820    | 695 |
| 3483704          | 24APA724A30  | CAP**3621A**+TDR     |                         | 24,400              | 20,200 | 11.9 | 14.0 | 700    | 560 |
| 3483708          | 24APA724A30  | CAP**3621A**+UI      | 58CV(A,X)110–20         | 24,800              | 20,400 | 13.3 | 16.5 | 675    | 540 |
| 3483705          | 24APA724A30  | CAP**3621A**+UI      | 58MV(B,C)080–14         | 24,800              | 20,400 | 13.3 | 16.5 | 660    | 530 |
| 3483706          | 24APA724A30  | CAP**3621A**+UI      | 58MV(B,C)080–20         | 24,600              | 20,200 | 13.2 | 16.0 | 630    | 505 |
| 3483707          | 24APA724A30  | CAP**3621A**+UI      | 58MV(B,C)100–20         | 24,800              | 20,400 | 13.3 | 16.5 | 665    | 530 |
| 3746055          | 24APA724A30  | CAP**3621A**+UI      | 58UVB080–14             | 24,800              | 20,400 | 13.3 | 16.5 | 660    | 530 |
| 3746056          | 24APA724A30  | CAP**3621A**+UI      | 58UVB080–20             | 24,600              | 20,200 | 13.2 | 16.0 | 630    | 505 |
| 3746057          | 24APA724A30  | CAP**3621A**+UI      | 58UVB100–20             | 24,800              | 20,400 | 13.3 | 16.5 | 665    | 530 |
| 3613517          | 24APA724A30  | CNPH*2417A**         | 58ME(B,C)040–12         | 25,000              | 21,000 | 13.2 | 16.5 | 725    | 610 |
| 3615321          | 24APA724A30  | CNPH*2417A**         | 58ME(B,C)060–12         | 25,000              | 20,800 | 13.2 | 16.5 | 735    | 575 |
| 3483803          | 24APA724A30  | CNPH*2417A**         | 58ME(B,C)060–12         | 25,000              | 20,800 | 13.2 | 16.5 | 735    | 575 |
| 3483802          | 24APA724A30  | CNPH*2417A**         | 58MEB040–12             | 25,000              | 21,000 | 13.2 | 16.5 | 725    | 610 |
| 3483732          | 24APA724A30  | CNPH*2417A**         | 58PH*045–08             | 24,600              | 20,600 | 12.9 | 16.0 | 695    | 565 |
| 3483726          | 24APA724A30  | CNPH*2417A**+TDR     |                         | 24,200              | 20,200 | 11.8 | 14.0 | 700    | 560 |
| 3483730          | 24APA724A30  | CNPH*2417A**+UI      | 58CV(A,X)070–12         | 24,400              | 20,200 | 13.0 | 16.0 | 660    | 530 |
| 3483731          | 24APA724A30  | CNPH*2417A**+UI      | 58CV(A,X)090–16         | 24,600              | 20,400 | 13.1 | 16.0 | 670    | 535 |
| 3483728          | 24APA724A30  | CNPH*2417A**+UI      | 58MV(B,C)060–14         | 24,800              | 20,600 | 13.1 | 16.0 | 725    | 580 |
| 3483729          | 24APA724A30  | CNPH*2417A**+UI      | 58MV(B,C)080–14         | 24,600              | 20,400 | 13.0 | 16.0 | 660    | 530 |
| 3483727          | 24APA724A30  | CNPH*2417A**+UI      | 58MVB040–14             | 24,600              | 20,400 | 12.9 | 16.0 | 675    | 540 |
| 3613518          | 24APA724A30  | CNPH*3017A**         | 58ME(B,C)040–12         | 25,400              | 21,200 | 13.4 | 16.5 | 775    | 675 |
| 3615322          | 24APA724A30  | CNPH*3017A**         | 58ME(B,C)060–12         | 25,400              | 21,200 | 13.4 | 16.5 | 790    | 645 |
| 3483805          | 24APA724A30  | CNPH*3017A**         | 58ME(B,C)060–12         | 25,400              | 21,200 | 13.4 | 16.5 | 790    | 645 |
| 3483804          | 24APA724A30  | CNPH*3017A**         | 58MEB040–12             | 25,400              | 21,200 | 13.4 | 16.5 | 775    | 675 |
| 3483739          | 24APA724A30  | CNPH*3017A**         | 58PH*045–08             | 25,000              | 20,800 | 13.1 | 16.0 | 730    | 595 |
| 3483733          | 24APA724A30  | CNPH*3017A**+TDR     |                         | 24,400              | 20,000 | 11.9 | 14.0 | 700    | 560 |
| 3483737          | 24APA724A30  | CNPH*3017A**+UI      | 58CV(A,X)070–12         | 24,600              | 20,200 | 13.1 | 16.0 | 660    | 530 |
| 3483738          | 24APA724A30  | CNPH*3017A**+UI      | 58CV(A,X)090–16         | 24,800              | 20,400 | 13.3 | 16.5 | 670    | 535 |
| 3483735          | 24APA724A30  | CNPH*3017A**+UI      | 58MV(B,C)060–14         | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3483736          | 24APA724A30  | CNPH*3017A**+UI      | 58MV(B,C)080–14         | 24,600              | 20,200 | 13.2 | 16.0 | 660    | 530 |
| 3483734          | 24APA724A30  | CNPH*3017A**+UI      | 58MVB040–14             | 24,800              | 20,400 | 13.1 | 16.0 | 675    | 540 |

See notes on page 19

# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |     |
|------------------|--------------|----------------------|-------------------------|---------------------|--------|------|------|--------|-----|
|                  |              |                      |                         | High                | Low    |      |      | High   | Low |
| 3483806          | 24APA724A30  | CNPH*3617A**         | 58ME(B,C)060-12         | 25,200              | 21,200 | 13.4 | 16.5 | 790    | 645 |
| 3615323          | 24APA724A30  | CNPH*3617A**         | 58ME(B,C)060-12         | 25,200              | 21,200 | 13.4 | 16.5 | 790    | 645 |
| 3483748          | 24APA724A30  | CNPH*3617A**         | 58PH*045-08             | 25,000              | 20,800 | 13.1 | 16.0 | 730    | 595 |
| 3483742          | 24APA724A30  | CNPH*3617A**+TDR     |                         | 24,400              | 20,000 | 11.9 | 14.0 | 700    | 560 |
| 3483746          | 24APA724A30  | CNPH*3617A**+UI      | 58CV(A,X)070-12         | 24,600              | 20,200 | 13.1 | 16.0 | 660    | 530 |
| 3483747          | 24APA724A30  | CNPH*3617A**+UI      | 58CV(A,X)090-16         | 24,800              | 20,400 | 13.3 | 16.5 | 670    | 535 |
| 3483744          | 24APA724A30  | CNPH*3617A**+UI      | 58MV(B,C)060-14         | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3483745          | 24APA724A30  | CNPH*3617A**+UI      | 58MV(B,C)080-14         | 24,600              | 20,200 | 13.2 | 16.0 | 660    | 530 |
| 3483743          | 24APA724A30  | CNPH*3617A**+UI      | 58MVB040-14             | 24,800              | 20,400 | 13.1 | 16.0 | 675    | 540 |
| 3483711          | 24APA724A30  | CNPV*2414A**         | 58PH*045-08             | 24,600              | 20,600 | 12.9 | 16.0 | 695    | 565 |
| 3483709          | 24APA724A30  | CNPV*2414A**+TDR     |                         | 24,200              | 20,200 | 11.8 | 14.0 | 700    | 560 |
| 3483710          | 24APA724A30  | CNPV*2414A**+UI      | 58CV(A,X)070-12         | 24,400              | 20,200 | 13.0 | 16.0 | 660    | 530 |
| 3613514          | 24APA724A30  | CNPV*2417A**         | 58ME(B,C)040-12         | 25,000              | 21,000 | 13.2 | 16.5 | 725    | 610 |
| 3483794          | 24APA724A30  | CNPV*2417A**         | 58ME(B,C)060-12         | 25,000              | 20,800 | 13.1 | 16.5 | 735    | 575 |
| 3615316          | 24APA724A30  | CNPV*2417A**         | 58ME(B,C)060-12         | 25,000              | 20,800 | 13.1 | 16.5 | 735    | 575 |
| 3483793          | 24APA724A30  | CNPV*2417A**         | 58MEB040-12             | 25,000              | 21,000 | 13.2 | 16.5 | 725    | 610 |
| 3563734          | 24APA724A30  | CNPV*2417A**         | 58VLR105-12             | 24,800              | 20,800 | 13.0 | 16.5 | 715    | 585 |
| 3563733          | 24APA724A30  | CNPV*2417A**         | 58VMR105-12             | 24,400              | 20,200 | 12.8 | 16.0 | 660    | 520 |
| 3483712          | 24APA724A30  | CNPV*2417A**+TDR     |                         | 24,200              | 20,200 | 11.8 | 14.0 | 700    | 560 |
| 3483714          | 24APA724A30  | CNPV*2417A**+UI      | 58CV(A,X)090-16         | 24,600              | 20,400 | 13.1 | 16.0 | 670    | 535 |
| 3483713          | 24APA724A30  | CNPV*2417A**+UI      | 58MV(B,C)060-14         | 24,800              | 20,600 | 13.0 | 16.0 | 725    | 580 |
| 3746058          | 24APA724A30  | CNPV*2417A**+UI      | 58UVB060-14             | 24,800              | 20,600 | 13.0 | 16.0 | 725    | 580 |
| 3483717          | 24APA724A30  | CNPV*3014A**         | 58PH*045-08             | 24,800              | 20,600 | 13.0 | 16.0 | 705    | 580 |
| 3483715          | 24APA724A30  | CNPV*3014A**+TDR     |                         | 24,400              | 20,000 | 11.9 | 14.0 | 700    | 560 |
| 3483716          | 24APA724A30  | CNPV*3014A**+UI      | 58CV(A,X)070-12         | 24,600              | 20,200 | 13.1 | 16.0 | 660    | 530 |
| 3483797          | 24APA724A30  | CNPV*3017A**         | 58ME(B,C)060-12         | 25,400              | 21,200 | 13.4 | 16.5 | 790    | 645 |
| 3615318          | 24APA724A30  | CNPV*3017A**         | 58ME(B,C)060-12         | 25,400              | 21,200 | 13.4 | 16.5 | 790    | 645 |
| 3563736          | 24APA724A30  | CNPV*3017A**         | 58VLR105-12             | 25,000              | 20,800 | 13.0 | 16.5 | 715    | 585 |
| 3563735          | 24APA724A30  | CNPV*3017A**         | 58VMR105-12             | 24,600              | 20,200 | 13.0 | 16.0 | 660    | 520 |
| 3483718          | 24APA724A30  | CNPV*3017A**+TDR     |                         | 24,400              | 20,000 | 11.9 | 14.0 | 700    | 560 |
| 3483720          | 24APA724A30  | CNPV*3017A**+UI      | 58CV(A,X)090-16         | 24,800              | 20,400 | 13.3 | 16.5 | 670    | 535 |
| 3483719          | 24APA724A30  | CNPV*3017A**+UI      | 58MV(B,C)060-14         | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3746050          | 24APA724A30  | CNPV*3017A**+UI      | 58UVB060-14             | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3483798          | 24APA724A30  | CNPV*3117A**         | 58ME(B,C)060-12         | 25,600              | 21,600 | 13.7 | 17.0 | 800    | 655 |
| 3563738          | 24APA724A30  | CNPV*3117A**         | 58VLR105-12             | 25,600              | 21,200 | 13.5 | 16.5 | 715    | 585 |
| 3563737          | 24APA724A30  | CNPV*3117A**         | 58VMR105-12             | 25,200              | 20,600 | 13.0 | 16.5 | 660    | 520 |
| 3747702          | 24APA724A30  | CNPV*3117A**         |                         | 24,800              | 20,600 | 12.1 | 14.5 | 700    | 560 |
| 3484271          | 24APA724A30  | CNPV*3117A**+UI      | 58CV(A,X)090-16         | 25,200              | 20,800 | 13.5 | 16.5 | 670    | 535 |
| 3484270          | 24APA724A30  | CNPV*3117A**+UI      | 58MV(B,C)060-14         | 25,600              | 21,200 | 13.6 | 16.5 | 725    | 580 |
| 3747703          | 24APA724A30  | CNPV*3117A**+UI      | 58UVB060-14             | 25,600              | 21,200 | 13.6 | 16.5 | 725    | 580 |
| 3563740          | 24APA724A30  | CNPV*3617A**         | 58VLR105-12             | 25,000              | 20,800 | 13.0 | 16.5 | 715    | 585 |
| 3563739          | 24APA724A30  | CNPV*3617A**         | 58VMR105-12             | 24,600              | 20,200 | 13.0 | 16.0 | 660    | 520 |
| 3483722          | 24APA724A30  | CNPV*3617A**+TDR     |                         | 24,400              | 20,000 | 11.9 | 14.0 | 700    | 560 |
| 3483724          | 24APA724A30  | CNPV*3617A**+UI      | 58CV(A,X)090-16         | 24,800              | 20,400 | 13.3 | 16.5 | 670    | 535 |
| 3483723          | 24APA724A30  | CNPV*3617A**+UI      | 58MV(B,C)060-14         | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3746051          | 24APA724A30  | CNPV*3617A**+UI      | 58UVB060-14             | 25,000              | 20,600 | 13.3 | 16.5 | 725    | 580 |
| 3613516          | 24APA724A30  | CNPV*3621A**         | 58ME(B,C)040-12         | 25,400              | 21,400 | 13.5 | 16.5 | 780    | 680 |
| 3483800          | 24APA724A30  | CNPV*3621A**         | 58ME(B,C)060-12         | 25,400              | 21,200 | 13.4 | 16.5 | 790    | 650 |
| 3615319          | 24APA724A30  | CNPV*3621A**         | 58ME(B,C)060-12         | 25,400              | 21,200 | 13.4 | 16.5 | 790    | 650 |
| 3483799          | 24APA724A30  | CNPV*3621A**         | 58MEB040-12             | 25,400              | 21,400 | 13.5 | 16.5 | 780    | 680 |
| 3483801          | 24APA724A30  | CNPV*3717A**         | 58ME(B,C)060-12         | 26,200              | 22,000 | 13.9 | 17.0 | 810    | 680 |
| 3615320          | 24APA724A30  | CNPV*3717A**         | 58ME(B,C)060-12         | 26,200              | 22,000 | 13.9 | 17.0 | 810    | 680 |
| 3563742          | 24APA724A30  | CNPV*3717A**         | 58VLR105-12             | 25,800              | 21,400 | 13.5 | 16.5 | 715    | 585 |
| 3563741          | 24APA724A30  | CNPV*3717A**         | 58VMR105-12             | 25,400              | 20,800 | 13.5 | 16.5 | 660    | 520 |
| 3483725          | 24APA724A30  | CNPV*3717A**+TDR     |                         | 25,200              | 20,800 | 12.2 | 14.5 | 700    | 560 |
| 3484273          | 24APA724A30  | CNPV*3717A**+UI      | 58CV(A,X)090-16         | 25,400              | 21,000 | 13.6 | 16.5 | 670    | 535 |
| 3484272          | 24APA724A30  | CNPV*3717A**+UI      | 58MV(B,C)060-14         | 25,800              | 21,400 | 13.7 | 17.0 | 725    | 580 |
| 3746101          | 24APA724A30  | CNPV*3717A**+UI      | 58UVB060-14             | 25,800              | 21,400 | 13.7 | 17.0 | 725    | 580 |
| 3483757          | 24APA724A30  | CSPH*2412A**         | 58HDV040--12            | 24,800              | 20,600 | 12.7 | 16.0 | 705    | 540 |
| 3483758          | 24APA724A30  | CSPH*2412A**         | 58HDV060--12            | 25,000              | 20,800 | 12.8 | 16.0 | 735    | 565 |
| 3613519          | 24APA724A30  | CSPH*2412A**         | 58ME(B,C)040-12         | 25,200              | 21,000 | 13.3 | 16.5 | 710    | 585 |
| 3483808          | 24APA724A30  | CSPH*2412A**         | 58ME(B,C)060-12         | 25,200              | 20,600 | 13.2 | 16.5 | 725    | 545 |
| 3615324          | 24APA724A30  | CSPH*2412A**         | 58ME(B,C)060-12         | 25,200              | 20,600 | 13.2 | 16.5 | 725    | 545 |
| 3483807          | 24APA724A30  | CSPH*2412A**         | 58MEB040-12             | 25,200              | 21,000 | 13.3 | 16.5 | 710    | 585 |
| 3483756          | 24APA724A30  | CSPH*2412A**         | 58PH*045-08             | 24,800              | 20,600 | 13.0 | 16.0 | 685    | 555 |
| 3563743          | 24APA724A30  | CSPH*2412A**         | 58VMR105-12             | 24,800              | 20,400 | 13.0 | 16.0 | 660    | 520 |
| 3483751          | 24APA724A30  | CSPH*2412A**+TDR     |                         | 24,600              | 20,400 | 12.0 | 14.5 | 700    | 560 |
| 3483754          | 24APA724A30  | CSPH*2412A**+UI      | 58CV(A,X)070-12         | 24,800              | 20,400 | 13.0 | 16.0 | 660    | 530 |
| 3483755          | 24APA724A30  | CSPH*2412A**+UI      | 58CV(A,X)090-16         | 24,800              | 20,600 | 13.2 | 16.0 | 670    | 535 |
| 3483753          | 24APA724A30  | CSPH*2412A**+UI      | 58MV(B,C)060-14         | 25,200              | 20,800 | 13.1 | 16.0 | 725    | 580 |
| 3483752          | 24APA724A30  | CSPH*2412A**+UI      | 58MVB040-14             | 24,800              | 20,600 | 13.0 | 16.0 | 675    | 540 |

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# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |      |
|------------------|--------------|----------------------|-------------------------|---------------------|--------|------|------|--------|------|
|                  |              |                      |                         | High                | Low    |      |      | High   | Low  |
| 3483765          | 24APA724A30  | CSPH*3012A**         | 58HDV040--12            | 25,000              | 20,600 | 12.8 | 16.0 | 735    | 570  |
| 3483766          | 24APA724A30  | CSPH*3012A**         | 58HDV060--12            | 25,200              | 20,800 | 12.9 | 16.0 | 780    | 605  |
| 3613520          | 24APA724A30  | CSPH*3012A**         | 58ME(B,C)040-12         | 25,400              | 21,200 | 13.4 | 16.5 | 750    | 640  |
| 3615325          | 24APA724A30  | CSPH*3012A**         | 58ME(B,C)060-12         | 25,400              | 21,000 | 13.4 | 16.5 | 765    | 605  |
| 3483810          | 24APA724A30  | CSPH*3012A**         | 58ME(B,C)060-12         | 25,400              | 21,000 | 13.4 | 16.5 | 765    | 605  |
| 3483809          | 24APA724A30  | CSPH*3012A**         | 58MEB040-12             | 25,400              | 21,200 | 13.4 | 16.5 | 750    | 640  |
| 3483764          | 24APA724A30  | CSPH*3012A**         | 58PH*045-08             | 25,000              | 20,800 | 13.1 | 16.0 | 715    | 580  |
| 3563744          | 24APA724A30  | CSPH*3012A**         | 58VMR105-12             | 24,800              | 20,200 | 13.0 | 16.0 | 660    | 520  |
| 3483759          | 24APA724A30  | CSPH*3012A**+TDR     |                         | 24,600              | 20,200 | 11.9 | 14.0 | 700    | 560  |
| 3483762          | 24APA724A30  | CSPH*3012A**+UI      | 58CV(A,X)070-12         | 24,800              | 20,400 | 13.1 | 16.0 | 660    | 530  |
| 3483763          | 24APA724A30  | CSPH*3012A**+UI      | 58CV(A,X)090-16         | 24,800              | 20,400 | 13.3 | 16.0 | 670    | 535  |
| 3483761          | 24APA724A30  | CSPH*3012A**+UI      | 58MV(B,C)060-14         | 25,200              | 20,800 | 13.3 | 16.5 | 725    | 580  |
| 3483760          | 24APA724A30  | CSPH*3012A**+UI      | 58MVB040-14             | 24,800              | 20,400 | 13.1 | 16.0 | 675    | 540  |
| 3483774          | 24APA724A30  | CSPH*3612A**         | 58HDV040--12            | 25,600              | 21,000 | 13.1 | 16.5 | 755    | 585  |
| 3483775          | 24APA724A30  | CSPH*3612A**         | 58HDV060--12            | 25,800              | 21,400 | 13.2 | 16.5 | 815    | 630  |
| 3613521          | 24APA724A30  | CSPH*3612A**         | 58ME(B,C)040-12         | 25,800              | 21,800 | 13.7 | 17.0 | 780    | 675  |
| 3483812          | 24APA724A30  | CSPH*3612A**         | 58ME(B,C)060-12         | 26,000              | 21,600 | 13.7 | 17.0 | 795    | 640  |
| 3615326          | 24APA724A30  | CSPH*3612A**         | 58ME(B,C)060-12         | 26,000              | 21,600 | 13.7 | 17.0 | 795    | 640  |
| 3483811          | 24APA724A30  | CSPH*3612A**         | 58MEB040-12             | 25,800              | 21,800 | 13.7 | 17.0 | 780    | 675  |
| 3483773          | 24APA724A30  | CSPH*3612A**         | 58PH*045-08             | 25,400              | 21,200 | 13.3 | 16.5 | 735    | 590  |
| 3563745          | 24APA724A30  | CSPH*3612A**         | 58VMR105-12             | 25,200              | 20,600 | 13.0 | 16.5 | 660    | 520  |
| 3483767          | 24APA724A30  | CSPH*3612A**+TDR     |                         | 24,800              | 20,400 | 12.1 | 14.5 | 700    | 560  |
| 3483771          | 24APA724A30  | CSPH*3612A**+UI      | 58CV(A,X)070-12         | 25,000              | 20,600 | 13.3 | 16.5 | 660    | 530  |
| 3483772          | 24APA724A30  | CSPH*3612A**+UI      | 58CV(A,X)090-16         | 25,200              | 20,800 | 13.5 | 16.5 | 670    | 535  |
| 3483769          | 24APA724A30  | CSPH*3612A**+UI      | 58MV(B,C)060-14         | 25,600              | 21,000 | 13.5 | 16.5 | 725    | 580  |
| 3483770          | 24APA724A30  | CSPH*3612A**+UI      | 58MV(B,C)080-14         | 25,200              | 20,600 | 13.4 | 16.5 | 660    | 530  |
| 3483768          | 24APA724A30  | CSPH*3612A**+UI      | 58MVB040-14             | 25,200              | 20,800 | 13.3 | 16.5 | 675    | 540  |
| 3483777          | 24APA724A30  | FE4AN(B,F)003+UI     |                         | 25,000              | 20,800 | 13.5 | 17.0 | 700    | 560  |
| 3483776          | 24APA724A30  | FE4ANF002+UI         |                         | 25,000              | 20,800 | 13.3 | 16.5 | 700    | 560  |
| 3483779          | 24APA724A30  | FV4CN(B,F)003        |                         | 25,000              | 20,800 | 13.5 | 16.5 | 700    | 560  |
| 3483778          | 24APA724A30  | FV4CNF002            |                         | 25,000              | 20,800 | 13.3 | 16.5 | 700    | 560  |
| 3483813          | 24APA736A30  | †CNPV*4821A**        | 58PH*090-16             | 36,600              | 30,400 | 13.2 | 16.5 | 1090   | 960  |
| 3483814          | 24APA736A30  | CAP**3614A**+TDR     |                         | 34,800              | 28,600 | 11.8 | 14.5 | 1050   | 840  |
| 3483815          | 24APA736A30  | CAP**3614A**+UI      | 58CV(A,X)070-12         | 35,600              | 28,800 | 12.4 | 16.0 | 1005   | 805  |
| 3483951          | 24APA736A30  | CAP**3617A**         | 58ME(B,C)060-12         | 36,000              | 29,600 | 12.7 | 16.5 | 1080   | 955  |
| 3619227          | 24APA736A30  | CAP**3617A**         | 58ME(B,C)080-12         | 36,000              | 29,600 | 12.7 | 16.5 | 1055   | 925  |
| 3483952          | 24APA736A30  | CAP**3617A**         | 58ME(B,C)080-12         | 36,000              | 29,600 | 12.7 | 16.5 | 1055   | 925  |
| 3483953          | 24APA736A30  | CAP**3617A**         | 58ME(B,C)080-16         | 36,000              | 29,800 | 12.7 | 16.0 | 1080   | 985  |
| 3617506          | 24APA736A30  | CAP**3617A**         | 58ME(B,C)080-16         | 36,000              | 29,800 | 12.7 | 16.0 | 1080   | 985  |
| 3563751          | 24APA736A30  | CAP**3617A**         | 58VLR105-12             | 36,000              | 29,400 | 12.5 | 16.0 | 1065   | 880  |
| 3563750          | 24APA736A30  | CAP**3617A**         | 58VMR105-12             | 35,600              | 28,800 | 12.6 | 16.0 | 975    | 800  |
| 3483816          | 24APA736A30  | CAP**3617A**+TDR     |                         | 35,400              | 28,600 | 11.8 | 14.5 | 1050   | 840  |
| 3483818          | 24APA736A30  | CAP**3617A**+UI      | 58CV(A,X)090-16         | 35,800              | 29,000 | 12.8 | 16.5 | 1005   | 805  |
| 3483817          | 24APA736A30  | CAP**3617A**+UI      | 58MV(B,C)060-14         | 36,000              | 29,200 | 12.7 | 16.5 | 1055   | 845  |
| 3746059          | 24APA736A30  | CAP**3617A**+UI      | 58UVB060-14             | 36,000              | 29,200 | 12.7 | 16.5 | 1055   | 845  |
| 3563786          | 24APA736A30  | CAP**3619A**         | 58HDV040--12            | 35,000              | 28,000 | 12.0 | 16.0 | 1055   | 815  |
| 3563787          | 24APA736A30  | CAP**3619A**         | 58HDV060--12            | 35,000              | 28,000 | 12.5 | 16.5 | 1100   | 780  |
| 3594966          | 24APA736A30  | CAP**3619A**+TDR     |                         | 35,400              | 28,600 | 11.8 | 14.0 | 1050   | 840  |
| 3483823          | 24APA736A30  | CAP**3621A**         | 58PH*090-16             | 36,200              | 29,600 | 12.9 | 16.5 | 1085   | 955  |
| 3563753          | 24APA736A30  | CAP**3621A**         | 58VLR105-12             | 36,000              | 29,400 | 12.5 | 16.0 | 1065   | 880  |
| 3563755          | 24APA736A30  | CAP**3621A**         | 58VLR120-20             | 36,400              | 30,000 | 12.5 | 16.5 | 1170   | 1005 |
| 3563752          | 24APA736A30  | CAP**3621A**         | 58VMR105-12             | 35,600              | 29,000 | 12.5 | 16.5 | 975    | 800  |
| 3563754          | 24APA736A30  | CAP**3621A**         | 58VMR120-20             | 36,400              | 29,800 | 12.5 | 16.0 | 1155   | 1000 |
| 3483819          | 24APA736A30  | CAP**3621A**+TDR     |                         | 35,400              | 28,600 | 11.8 | 14.5 | 1050   | 840  |
| 3483822          | 24APA736A30  | CAP**3621A**+UI      | 58CV(A,X)110-20         | 35,800              | 29,000 | 12.8 | 16.5 | 1020   | 815  |
| 3483820          | 24APA736A30  | CAP**3621A**+UI      | 58MV(B,C)080-20         | 35,800              | 29,000 | 12.5 | 16.5 | 1010   | 810  |
| 3483821          | 24APA736A30  | CAP**3621A**+UI      | 58MV(B,C)100-20         | 36,000              | 29,000 | 12.8 | 16.5 | 1040   | 830  |
| 3746060          | 24APA736A30  | CAP**3621A**+UI      | 58UVB080-20             | 35,800              | 29,000 | 12.5 | 16.5 | 1010   | 810  |
| 3746061          | 24APA736A30  | CAP**3621A**+UI      | 58UVB100-20             | 36,000              | 29,000 | 12.8 | 16.5 | 1040   | 830  |
| 3483828          | 24APA736A30  | CAP**4221A**         | 58PH*090-16             | 36,400              | 29,800 | 13.0 | 16.5 | 1085   | 950  |
| 3563757          | 24APA736A30  | CAP**4221A**         | 58VLR105-12             | 36,200              | 29,600 | 12.5 | 16.5 | 1065   | 880  |
| 3563759          | 24APA736A30  | CAP**4221A**         | 58VLR120-20             | 36,800              | 30,200 | 12.8 | 16.5 | 1170   | 1005 |
| 3563756          | 24APA736A30  | CAP**4221A**         | 58VMR105-12             | 35,800              | 29,200 | 12.6 | 16.5 | 975    | 800  |
| 3563758          | 24APA736A30  | CAP**4221A**         | 58VMR120-20             | 36,600              | 30,000 | 12.7 | 16.5 | 1155   | 1000 |
| 3483824          | 24APA736A30  | CAP**4221A**+TDR     |                         | 35,600              | 28,800 | 11.9 | 14.5 | 1050   | 840  |
| 3483827          | 24APA736A30  | CAP**4221A**+UI      | 58CV(A,X)110-20         | 36,200              | 29,200 | 12.9 | 16.5 | 1020   | 815  |
| 3483825          | 24APA736A30  | CAP**4221A**+UI      | 58MV(B,C)080-20         | 36,000              | 29,200 | 12.8 | 16.5 | 1010   | 810  |
| 3483826          | 24APA736A30  | CAP**4221A**+UI      | 58MV(B,C)100-20         | 36,200              | 29,200 | 12.8 | 16.5 | 1040   | 830  |
| 3746062          | 24APA736A30  | CAP**4221A**+UI      | 58UVB080-20             | 36,000              | 29,200 | 12.8 | 16.5 | 1010   | 810  |
| 3746063          | 24APA736A30  | CAP**4221A**+UI      | 58UVB100-20             | 36,200              | 29,200 | 12.8 | 16.5 | 1040   | 830  |

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# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |     |
|------------------|--------------|----------------------|-------------------------|---------------------|--------|------|------|--------|-----|
|                  |              |                      |                         | High                | Low    |      |      | High   | Low |
| 3483833          | 24APA736A30  | CAP**4224A**         | 58HDV100 – 20           | 36,600              | 29,800 | 12.8 | 16.5 | 1140   | 900 |
| 3483829          | 24APA736A30  | CAP**4224A**+TDR     |                         | 35,600              | 28,800 | 11.9 | 14.5 | 1050   | 840 |
| 3483831          | 24APA736A30  | CAP**4224A**+UI      | 58CV(A,X)135 – 22       | 36,200              | 29,200 | 13.0 | 16.5 | 1010   | 810 |
| 3483832          | 24APA736A30  | CAP**4224A**+UI      | 58CV(A,X)155 – 22       | 36,200              | 29,200 | 13.2 | 17.0 | 1015   | 810 |
| 3483830          | 24APA736A30  | CAP**4224A**+UI      | 58MV(B,C)120 – 20       | 36,200              | 29,200 | 13.0 | 16.5 | 1010   | 810 |
| 3746064          | 24APA736A30  | CAP**4224A**+UI      | 58UVB120 – 20           | 36,200              | 29,200 | 13.0 | 16.5 | 1010   | 810 |
| 3483954          | 24APA736A30  | CAP**4817A**         | 58ME(B,C)060 – 12       | 37,400              | 30,600 | 13.0 | 17.0 | 1085   | 960 |
| 3615331          | 24APA736A30  | CAP**4817A**         | 58ME(B,C)060 – 12       | 37,400              | 30,600 | 13.0 | 17.0 | 1085   | 960 |
| 3483955          | 24APA736A30  | CAP**4817A**         | 58ME(B,C)080 – 12       | 37,200              | 30,400 | 13.1 | 17.0 | 1060   | 925 |
| 3619228          | 24APA736A30  | CAP**4817A**         | 58ME(B,C)080 – 12       | 37,200              | 30,400 | 13.1 | 17.0 | 1060   | 925 |
| 3617507          | 24APA736A30  | CAP**4817A**         | 58ME(B,C)080 – 16       | 37,400              | 30,600 | 13.0 | 16.5 | 1085   | 990 |
| 3483956          | 24APA736A30  | CAP**4817A**         | 58ME(B,C)080 – 16       | 37,400              | 30,600 | 13.0 | 16.5 | 1085   | 990 |
| 3563761          | 24APA736A30  | CAP**4817A**         | 58VLR105 – 12           | 37,200              | 30,000 | 12.9 | 16.5 | 1065   | 880 |
| 3563760          | 24APA736A30  | CAP**4817A**         | 58VMR105 – 12           | 36,600              | 29,600 | 12.9 | 16.5 | 975    | 800 |
| 3483834          | 24APA736A30  | CAP**4817A**+TDR     |                         | 36,600              | 29,400 | 12.1 | 15.0 | 1050   | 840 |
| 3483836          | 24APA736A30  | CAP**4817A**+UI      | 58CV(A,X)090 – 16       | 37,000              | 29,800 | 13.1 | 17.0 | 1005   | 805 |
| 3483835          | 24APA736A30  | CAP**4817A**+UI      | 58MV(B,C)060 – 14       | 37,200              | 30,000 | 13.0 | 17.0 | 1055   | 845 |
| 3746065          | 24APA736A30  | CAP**4817A**+UI      | 58UVB060 – 14           | 37,200              | 30,000 | 13.0 | 17.0 | 1055   | 845 |
| 3563763          | 24APA736A30  | CAP**4821A**         | 58VLR105 – 12           | 36,800              | 29,800 | 12.8 | 16.5 | 1065   | 880 |
| 3563762          | 24APA736A30  | CAP**4821A**         | 58VMR105 – 12           | 36,400              | 29,400 | 12.8 | 16.5 | 975    | 800 |
| 3483837          | 24APA736A30  | CAP**4821A**+TDR     |                         | 36,200              | 29,200 | 12.0 | 14.5 | 1050   | 840 |
| 3483841          | 24APA736A30  | CAP**4821A**+UI      | 58CV(A,X)110 – 20       | 36,800              | 29,600 | 13.0 | 16.5 | 1020   | 815 |
| 3483838          | 24APA736A30  | CAP**4821A**+UI      | 58MV(B,C)080 – 14       | 36,600              | 29,600 | 12.8 | 16.5 | 1030   | 825 |
| 3483839          | 24APA736A30  | CAP**4821A**+UI      | 58MV(B,C)080 – 20       | 36,600              | 29,400 | 12.9 | 16.5 | 1010   | 810 |
| 3483840          | 24APA736A30  | CAP**4821A**+UI      | 58MV(B,C)100 – 20       | 36,800              | 29,600 | 13.0 | 16.5 | 1040   | 830 |
| 3746066          | 24APA736A30  | CAP**4821A**+UI      | 58UVB080 – 14           | 36,600              | 29,600 | 12.8 | 16.5 | 1030   | 825 |
| 3746067          | 24APA736A30  | CAP**4821A**+UI      | 58UVB080 – 20           | 36,600              | 29,400 | 12.9 | 16.5 | 1010   | 810 |
| 3746068          | 24APA736A30  | CAP**4821A**+UI      | 58UVB100 – 20           | 36,800              | 29,600 | 13.0 | 16.5 | 1040   | 830 |
| 3563789          | 24APA736A30  | CAP**4823A**         | 58HDV040 – 12           | 36,000              | 29,000 | 12.5 | 16.5 | 1070   | 825 |
| 3563790          | 24APA736A30  | CAP**4823A**         | 58HDV060 – 12           | 36,000              | 29,000 | 12.8 | 16.5 | 1115   | 795 |
| 3563791          | 24APA736A30  | CAP**4823A**         | 58HDV080 – 20           | 37,000              | 30,000 | 13.0 | 16.5 | 1200   | 935 |
| 3594967          | 24APA736A30  | CAP**4823A**+TDR     |                         | 36,200              | 29,200 | 12.0 | 14.5 | 1050   | 840 |
| 3483842          | 24APA736A30  | CAP**4824A**+TDR     |                         | 36,200              | 29,200 | 12.0 | 14.5 | 1050   | 840 |
| 3483844          | 24APA736A30  | CAP**4824A**+UI      | 58CV(A,X)135 – 22       | 36,800              | 29,600 | 13.2 | 17.0 | 1010   | 810 |
| 3483845          | 24APA736A30  | CAP**4824A**+UI      | 58CV(A,X)155 – 22       | 36,800              | 29,600 | 13.3 | 17.0 | 1015   | 810 |
| 3483843          | 24APA736A30  | CAP**4824A**+UI      | 58MV(B,C)120 – 20       | 36,800              | 29,600 | 13.1 | 17.0 | 1010   | 810 |
| 3746069          | 24APA736A30  | CAP**4824A**+UI      | 58UVB120 – 20           | 36,800              | 29,600 | 13.1 | 17.0 | 1010   | 810 |
| 3594396          | 24APA736A30  | CAP**6025A**         | 58HDV080 – 20           | 38,000              | 30,400 | 13.0 | 17.0 | 1220   | 950 |
| 3594397          | 24APA736A30  | CAP**6025A**         | 58HDV100 – 20           | 37,000              | 30,200 | 13.0 | 17.0 | 1140   | 900 |
| 3483966          | 24APA736A30  | CNPH*3617A**         | 58ME(B,C)060 – 12       | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 935 |
| 3615335          | 24APA736A30  | CNPH*3617A**         | 58ME(B,C)060 – 12       | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 935 |
| 3619232          | 24APA736A30  | CNPH*3617A**         | 58ME(B,C)080 – 12       | 35,800              | 29,400 | 12.7 | 16.0 | 1035   | 905 |
| 3483967          | 24APA736A30  | CNPH*3617A**         | 58ME(B,C)080 – 12       | 35,800              | 29,400 | 12.7 | 16.0 | 1035   | 905 |
| 3483968          | 24APA736A30  | CNPH*3617A**         | 58ME(B,C)080 – 16       | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 965 |
| 3617511          | 24APA736A30  | CNPH*3617A**         | 58ME(B,C)080 – 16       | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 965 |
| 3483880          | 24APA736A30  | CNPH*3617A**         | 58PH*090 – 16           | 35,800              | 29,400 | 12.7 | 16.0 | 1035   | 905 |
| 3483872          | 24APA736A30  | CNPH*3617A**+TDR     |                         | 35,400              | 28,600 | 11.8 | 14.5 | 1050   | 840 |
| 3483878          | 24APA736A30  | CNPH*3617A**+UI      | 58CV(A,X)090 – 16       | 35,600              | 28,800 | 12.7 | 16.5 | 1005   | 805 |
| 3483879          | 24APA736A30  | CNPH*3617A**+UI      | 58CV(A,X)155 – 22       | 35,800              | 29,000 | 12.8 | 16.5 | 1015   | 810 |
| 3483873          | 24APA736A30  | CNPH*3617A**+UI      | 58MV(B,C)060 – 14       | 35,800              | 29,000 | 12.5 | 16.0 | 1055   | 845 |
| 3483874          | 24APA736A30  | CNPH*3617A**+UI      | 58MV(B,C)080 – 14       | 35,600              | 29,000 | 12.4 | 16.0 | 1030   | 825 |
| 3483875          | 24APA736A30  | CNPH*3617A**+UI      | 58MV(B,C)080 – 20       | 35,600              | 28,800 | 12.5 | 16.0 | 1010   | 810 |
| 3483876          | 24APA736A30  | CNPH*3617A**+UI      | 58MV(B,C)100 – 20       | 35,800              | 29,000 | 12.6 | 16.0 | 1040   | 830 |
| 3483877          | 24APA736A30  | CNPH*3617A**+UI      | 58MV(B,C)120 – 20       | 35,800              | 29,000 | 12.7 | 16.5 | 1010   | 810 |
| 3483969          | 24APA736A30  | CNPH*4221A**         | 58ME(B,C)060 – 12       | 36,400              | 30,000 | 12.8 | 16.5 | 1080   | 950 |
| 3615336          | 24APA736A30  | CNPH*4221A**         | 58ME(B,C)060 – 12       | 36,400              | 30,000 | 12.8 | 16.5 | 1080   | 950 |
| 3483970          | 24APA736A30  | CNPH*4221A**         | 58ME(B,C)080 – 12       | 36,400              | 29,800 | 12.8 | 16.5 | 1055   | 920 |
| 3619233          | 24APA736A30  | CNPH*4221A**         | 58ME(B,C)080 – 12       | 36,400              | 29,800 | 12.8 | 16.5 | 1055   | 920 |
| 3483971          | 24APA736A30  | CNPH*4221A**         | 58ME(B,C)080 – 16       | 36,400              | 30,000 | 12.8 | 16.5 | 1075   | 980 |
| 3617512          | 24APA736A30  | CNPH*4221A**         | 58ME(B,C)080 – 16       | 36,400              | 30,000 | 12.8 | 16.5 | 1075   | 980 |
| 3483891          | 24APA736A30  | CNPH*4221A**         | 58PH*090 – 16           | 36,400              | 29,800 | 12.9 | 16.5 | 1055   | 925 |
| 3483883          | 24APA736A30  | CNPH*4221A**+TDR     |                         | 35,800              | 28,800 | 11.9 | 14.5 | 1050   | 840 |
| 3483888          | 24APA736A30  | CNPH*4221A**+UI      | 58CV(A,X)070 – 12       | 36,000              | 29,200 | 12.6 | 16.0 | 1005   | 805 |
| 3483889          | 24APA736A30  | CNPH*4221A**+UI      | 58CV(A,X)090 – 16       | 36,200              | 29,200 | 12.9 | 16.5 | 1005   | 805 |
| 3483890          | 24APA736A30  | CNPH*4221A**+UI      | 58CV(A,X)110 – 20       | 36,200              | 29,200 | 12.9 | 16.5 | 1020   | 815 |
| 3483884          | 24APA736A30  | CNPH*4221A**+UI      | 58MV(B,C)060 – 14       | 36,400              | 29,400 | 12.8 | 16.5 | 1055   | 845 |
| 3483885          | 24APA736A30  | CNPH*4221A**+UI      | 58MV(B,C)080 – 14       | 36,200              | 29,200 | 12.6 | 16.5 | 1030   | 825 |
| 3483886          | 24APA736A30  | CNPH*4221A**+UI      | 58MV(B,C)080 – 20       | 36,000              | 29,200 | 12.7 | 16.5 | 1010   | 810 |
| 3483887          | 24APA736A30  | CNPH*4221A**+UI      | 58MV(B,C)100 – 20       | 36,200              | 29,200 | 12.8 | 16.0 | 1040   | 830 |
| 3483972          | 24APA736A30  | CNPH*4821A**         | 58ME(B,C)060 – 12       | 37,200              | 30,600 | 13.1 | 17.0 | 1115   | 985 |
| 3615337          | 24APA736A30  | CNPH*4821A**         | 58ME(B,C)060 – 12       | 37,200              | 30,600 | 13.1 | 17.0 | 1115   | 985 |

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# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |      |
|------------------|--------------|----------------------|-------------------------|---------------------|--------|------|------|--------|------|
|                  |              |                      |                         | High                | Low    |      |      | High   | Low  |
| 3483973          | 24APA736A30  | CNPH*4821A**         | 58ME(B,C)080-12         | 37,200              | 30,400 | 13.1 | 17.0 | 1085   | 945  |
| 3619234          | 24APA736A30  | CNPH*4821A**         | 58ME(B,C)080-12         | 37,200              | 30,400 | 13.1 | 17.0 | 1085   | 945  |
| 3483974          | 24APA736A30  | CNPH*4821A**         | 58ME(B,C)080-16         | 37,200              | 30,600 | 13.1 | 16.5 | 1110   | 1010 |
| 3617513          | 24APA736A30  | CNPH*4821A**         | 58ME(B,C)080-16         | 37,200              | 30,600 | 13.1 | 16.5 | 1110   | 1010 |
| 3483893          | 24APA736A30  | CNPH*4821A**+TDR     |                         | 36,400              | 29,200 | 12.1 | 14.5 | 1050   | 840  |
| 3483898          | 24APA736A30  | CNPH*4821A**+UI      | 58CV(A,X)090-16         | 36,800              | 29,600 | 13.1 | 17.0 | 1005   | 805  |
| 3483899          | 24APA736A30  | CNPH*4821A**+UI      | 58CV(A,X)110-20         | 36,800              | 29,600 | 13.1 | 17.0 | 1020   | 815  |
| 3483900          | 24APA736A30  | CNPH*4821A**+UI      | 58CV(A,X)135-22         | 36,800              | 29,600 | 13.2 | 17.0 | 1010   | 810  |
| 3483901          | 24APA736A30  | CNPH*4821A**+UI      | 58CV(A,X)155-22         | 37,000              | 29,800 | 13.4 | 17.0 | 1015   | 810  |
| 3483894          | 24APA736A30  | CNPH*4821A**+UI      | 58MV(B,C)080-14         | 36,800              | 29,800 | 12.9 | 16.5 | 1030   | 825  |
| 3483895          | 24APA736A30  | CNPH*4821A**+UI      | 58MV(B,C)080-20         | 36,800              | 29,600 | 13.0 | 16.5 | 1010   | 810  |
| 3483896          | 24APA736A30  | CNPH*4821A**+UI      | 58MV(B,C)100-20         | 36,800              | 29,800 | 13.0 | 16.5 | 1040   | 830  |
| 3483897          | 24APA736A30  | CNPH*4821A**+UI      | 58MV(B,C)120-20         | 36,800              | 29,600 | 13.2 | 17.0 | 1010   | 810  |
| 3615332          | 24APA736A30  | CNPV*3617A**         | 58ME(B,C)060-12         | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 935  |
| 3483957          | 24APA736A30  | CNPV*3617A**         | 58ME(B,C)060-12         | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 935  |
| 3619229          | 24APA736A30  | CNPV*3617A**         | 58ME(B,C)080-12         | 35,800              | 29,400 | 12.7 | 16.0 | 1035   | 905  |
| 3483958          | 24APA736A30  | CNPV*3617A**         | 58ME(B,C)080-12         | 35,800              | 29,400 | 12.7 | 16.0 | 1035   | 905  |
| 3483959          | 24APA736A30  | CNPV*3617A**         | 58ME(B,C)080-16         | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 965  |
| 3617508          | 24APA736A30  | CNPV*3617A**         | 58ME(B,C)080-16         | 35,800              | 29,600 | 12.6 | 16.0 | 1055   | 965  |
| 3563765          | 24APA736A30  | CNPV*3617A**         | 58VLR105-12             | 35,800              | 29,200 | 12.4 | 16.0 | 1065   | 880  |
| 3563764          | 24APA736A30  | CNPV*3617A**         | 58VMR105-12             | 35,400              | 28,800 | 12.4 | 16.0 | 975    | 800  |
| 3483846          | 24APA736A30  | CNPV*3617A**+TDR     |                         | 35,400              | 28,600 | 11.8 | 14.5 | 1050   | 840  |
| 3483848          | 24APA736A30  | CNPV*3617A**+UI      | 58CV(A,X)090-16         | 35,600              | 28,800 | 12.7 | 16.5 | 1005   | 805  |
| 3483847          | 24APA736A30  | CNPV*3617A**+UI      | 58MV(B,C)060-14         | 35,800              | 29,000 | 12.5 | 16.0 | 1055   | 845  |
| 3746070          | 24APA736A30  | CNPV*3617A**+UI      | 58UVB060-14             | 35,800              | 29,000 | 12.5 | 16.0 | 1055   | 845  |
| 3483854          | 24APA736A30  | CNPV*3621A**         | 58PH*090-16             | 36,000              | 29,400 | 12.8 | 16.0 | 1045   | 910  |
| 3563767          | 24APA736A30  | CNPV*3621A**         | 58VLR105-12             | 35,800              | 29,200 | 12.4 | 16.0 | 1065   | 880  |
| 3563766          | 24APA736A30  | CNPV*3621A**         | 58VMR105-12             | 35,400              | 28,800 | 12.5 | 16.0 | 975    | 800  |
| 3483849          | 24APA736A30  | CNPV*3621A**+TDR     |                         | 35,400              | 28,600 | 11.8 | 14.5 | 1050   | 840  |
| 3483853          | 24APA736A30  | CNPV*3621A**+UI      | 58CV(A,X)110-20         | 35,800              | 29,000 | 12.7 | 16.5 | 1020   | 815  |
| 3483850          | 24APA736A30  | CNPV*3621A**+UI      | 58MV(B,C)080-14         | 35,600              | 29,000 | 12.4 | 16.0 | 1030   | 825  |
| 3483851          | 24APA736A30  | CNPV*3621A**+UI      | 58MV(B,C)080-20         | 35,600              | 28,800 | 12.5 | 16.0 | 1010   | 810  |
| 3483852          | 24APA736A30  | CNPV*3621A**+UI      | 58MV(B,C)100-20         | 35,800              | 29,000 | 12.6 | 16.0 | 1040   | 830  |
| 3746071          | 24APA736A30  | CNPV*3621A**+UI      | 58UVB080-14             | 35,600              | 29,000 | 12.4 | 16.0 | 1030   | 825  |
| 3746072          | 24APA736A30  | CNPV*3621A**+UI      | 58UVB080-20             | 35,600              | 28,800 | 12.5 | 16.0 | 1010   | 810  |
| 3746073          | 24APA736A30  | CNPV*3621A**+UI      | 58UVB100-20             | 35,800              | 29,000 | 12.6 | 16.0 | 1040   | 830  |
| 3483960          | 24APA736A30  | CNPV*3717A**         | 58ME(B,C)060-12         | 37,600              | 30,800 | 13.1 | 17.0 | 1090   | 965  |
| 3615333          | 24APA736A30  | CNPV*3717A**         | 58ME(B,C)060-12         | 37,600              | 30,800 | 13.1 | 17.0 | 1090   | 965  |
| 3483961          | 24APA736A30  | CNPV*3717A**         | 58ME(B,C)080-12         | 37,400              | 30,600 | 13.2 | 17.0 | 1060   | 930  |
| 3619230          | 24APA736A30  | CNPV*3717A**         | 58ME(B,C)080-12         | 37,400              | 30,600 | 13.2 | 17.0 | 1060   | 930  |
| 3617509          | 24APA736A30  | CNPV*3717A**         | 58ME(B,C)080-16         | 37,600              | 30,800 | 13.1 | 17.0 | 1085   | 990  |
| 3483962          | 24APA736A30  | CNPV*3717A**         | 58ME(B,C)080-16         | 37,600              | 30,800 | 13.1 | 17.0 | 1085   | 990  |
| 3563769          | 24APA736A30  | CNPV*3717A**         | 58VLR105-12             | 37,400              | 30,400 | 13.0 | 16.5 | 1065   | 880  |
| 3563768          | 24APA736A30  | CNPV*3717A**         | 58VMR105-12             | 36,800              | 29,800 | 13.0 | 16.5 | 975    | 800  |
| 3483855          | 24APA736A30  | CNPV*3717A**+TDR     |                         | 36,800              | 29,600 | 12.0 | 15.0 | 1050   | 840  |
| 3484275          | 24APA736A30  | CNPV*3717A**+UI      | 58CV(A,X)090-16         | 37,200              | 30,000 | 13.2 | 17.0 | 1005   | 805  |
| 3484274          | 24APA736A30  | CNPV*3717A**+UI      | 58MV(B,C)060-14         | 37,400              | 30,200 | 13.1 | 17.0 | 1055   | 845  |
| 3746102          | 24APA736A30  | CNPV*3717A**+UI      | 58UVB060-14             | 37,400              | 30,200 | 13.1 | 17.0 | 1055   | 845  |
| 3483963          | 24APA736A30  | CNPV*4217A**         | 58ME(B,C)060-12         | 36,800              | 30,200 | 12.9 | 16.5 | 1075   | 950  |
| 3615334          | 24APA736A30  | CNPV*4217A**         | 58ME(B,C)060-12         | 36,800              | 30,200 | 12.9 | 16.5 | 1075   | 950  |
| 3483964          | 24APA736A30  | CNPV*4217A**         | 58ME(B,C)080-12         | 36,600              | 30,000 | 12.9 | 16.5 | 1050   | 920  |
| 3619231          | 24APA736A30  | CNPV*4217A**         | 58ME(B,C)080-12         | 36,600              | 30,000 | 12.9 | 16.5 | 1050   | 920  |
| 3617510          | 24APA736A30  | CNPV*4217A**         | 58ME(B,C)080-16         | 36,800              | 30,200 | 12.9 | 16.5 | 1075   | 980  |
| 3483965          | 24APA736A30  | CNPV*4217A**         | 58ME(B,C)080-16         | 36,800              | 30,200 | 12.9 | 16.5 | 1075   | 980  |
| 3563771          | 24APA736A30  | CNPV*4217A**         | 58VLR105-12             | 36,600              | 29,800 | 12.5 | 16.5 | 1065   | 880  |
| 3563770          | 24APA736A30  | CNPV*4217A**         | 58VMR105-12             | 36,200              | 29,400 | 12.7 | 16.5 | 975    | 800  |
| 3483856          | 24APA736A30  | CNPV*4217A**+TDR     |                         | 36,000              | 29,000 | 12.0 | 14.5 | 1050   | 840  |
| 3483858          | 24APA736A30  | CNPV*4217A**+UI      | 58CV(A,X)090-16         | 36,400              | 29,400 | 12.9 | 16.5 | 1005   | 805  |
| 3483857          | 24APA736A30  | CNPV*4217A**+UI      | 58MV(B,C)060-14         | 36,600              | 29,600 | 12.8 | 16.0 | 1055   | 845  |
| 3746074          | 24APA736A30  | CNPV*4217A**+UI      | 58UVB060-14             | 36,600              | 29,600 | 12.8 | 16.0 | 1055   | 845  |
| 3680497          | 24APA736A30  | CNPV*4221A**         | 58CV(A,X)090-16         | 36,000              | 29,000 | 12.8 | 16.5 | 1005   | 835  |
| 3563775          | 24APA736A30  | CNPV*4221A**         | 58VLR105-12             | 36,200              | 29,600 | 12.6 | 16.0 | 1065   | 880  |
| 3563777          | 24APA736A30  | CNPV*4221A**         | 58VLR120-20             | 36,800              | 30,200 | 12.7 | 16.5 | 1170   | 1005 |
| 3563774          | 24APA736A30  | CNPV*4221A**         | 58VMR105-12             | 35,800              | 29,200 | 12.6 | 16.5 | 975    | 800  |
| 3563776          | 24APA736A30  | CNPV*4221A**         | 58VMR120-20             | 36,600              | 30,000 | 12.5 | 16.0 | 1155   | 1000 |
| 3483859          | 24APA736A30  | CNPV*4221A**+TDR     |                         | 35,800              | 28,800 | 11.9 | 14.5 | 1050   | 840  |
| 3747877          | 24APA736A30  | CNPV*4221A**+UI      | 58CV(A,X)090-16         | 36,000              | 29,000 | 12.8 | 16.5 | 1005   | 835  |
| 3483860          | 24APA736A30  | CNPV*4221A**+UI      | 58MV(B,C)080-14         | 36,200              | 29,400 | 12.6 | 16.0 | 1030   | 840  |
| 3483861          | 24APA736A30  | CNPV*4221A**+UI      | 58MV(B,C)080-20         | 36,000              | 29,200 | 12.7 | 16.5 | 1010   | 825  |
| 3483862          | 24APA736A30  | CNPV*4221A**+UI      | 58MV(B,C)100-20         | 36,200              | 29,200 | 12.8 | 16.5 | 1040   | 810  |
| 3746075          | 24APA736A30  | CNPV*4221A**+UI      | 58UVB080-14             | 36,200              | 29,400 | 12.6 | 16.0 | 1030   | 840  |

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# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |      |
|------------------|--------------|----------------------|-------------------------|---------------------|--------|------|------|--------|------|
|                  |              |                      |                         | High                | Low    |      |      | High   | Low  |
| 3746076          | 24APA736A30  | CNPV*4221A**+UI      | 58UVB080-20             | 36,000              | 29,200 | 12.7 | 16.5 | 1010   | 825  |
| 3746077          | 24APA736A30  | CNPV*4221A**+UI      | 58UVB100-20             | 36,200              | 29,200 | 12.8 | 16.5 | 1040   | 810  |
| 3483978          | 24APA736A30  | CNPV*4821A**         | 58ME(B,C)060-12         | 37,200              | 29,800 | 13.1 | 17.0 | 1115   | 835  |
| 3615338          | 24APA736A30  | CNPV*4821A**         | 58ME(B,C)060-12         | 37,200              | 29,800 | 13.1 | 17.0 | 1115   | 835  |
| 3617514          | 24APA736A30  | CNPV*4821A**         | 58ME(B,C)080-16         | 37,000              | 30,600 | 13.0 | 16.5 | 1090   | 995  |
| 3483975          | 24APA736A30  | CNPV*4821A**         | 58ME(B,C)080-16         | 37,000              | 30,600 | 13.0 | 16.5 | 1090   | 995  |
| 3563783          | 24APA736A30  | CNPV*4821A**         | 58VLR105-12             | 37,000              | 30,000 | 12.9 | 16.5 | 1065   | 880  |
| 3563785          | 24APA736A30  | CNPV*4821A**         | 58VLR120-20             | 37,600              | 30,600 | 13.0 | 16.5 | 1170   | 1005 |
| 3563782          | 24APA736A30  | CNPV*4821A**         | 58VMR105-12             | 36,400              | 29,600 | 12.9 | 16.5 | 975    | 800  |
| 3563784          | 24APA736A30  | CNPV*4821A**         | 58VMR120-20             | 37,400              | 30,600 | 13.0 | 16.5 | 1155   | 1000 |
| 3483864          | 24APA736A30  | CNPV*4821A**+TDR     |                         | 36,400              | 29,200 | 12.1 | 14.5 | 1050   | 840  |
| 3483977          | 24APA736A30  | CNPV*4821A**+UI      | 58CV(A,X)090-16         | 36,800              | 29,800 | 13.1 | 17.0 | 1005   | 835  |
| 3483867          | 24APA736A30  | CNPV*4821A**+UI      | 58CV(A,X)110-20         | 36,800              | 29,600 | 13.1 | 17.0 | 1020   | 815  |
| 3483976          | 24APA736A30  | CNPV*4821A**+UI      | 58MV(B,C)080-14         | 36,800              | 29,600 | 12.9 | 16.5 | 1030   | 820  |
| 3483865          | 24APA736A30  | CNPV*4821A**+UI      | 58MV(B,C)080-20         | 36,800              | 29,600 | 13.0 | 16.5 | 1010   | 810  |
| 3483866          | 24APA736A30  | CNPV*4821A**+UI      | 58MV(B,C)100-20         | 36,800              | 29,800 | 13.0 | 16.5 | 1040   | 830  |
| 3746081          | 24APA736A30  | CNPV*4821A**+UI      | 58UVB080-14             | 36,800              | 29,600 | 12.9 | 16.5 | 1030   | 820  |
| 3746078          | 24APA736A30  | CNPV*4821A**+UI      | 58UVB080-20             | 36,800              | 29,600 | 13.0 | 16.5 | 1010   | 810  |
| 3746079          | 24APA736A30  | CNPV*4821A**+UI      | 58UVB100-20             | 36,800              | 29,800 | 13.0 | 16.5 | 1040   | 830  |
| 3483868          | 24APA736A30  | CNPV*4824A**+TDR     |                         | 36,400              | 29,200 | 12.1 | 14.5 | 1050   | 840  |
| 3483870          | 24APA736A30  | CNPV*4824A**+UI      | 58CV(A,X)135-22         | 36,800              | 29,600 | 13.2 | 17.0 | 1010   | 810  |
| 3483871          | 24APA736A30  | CNPV*4824A**+UI      | 58CV(A,X)155-22         | 37,000              | 29,800 | 13.4 | 17.0 | 1015   | 810  |
| 3483979          | 24APA736A30  | CNPV*4824A**+UI      | 58MV(B,C)080-14         | 36,800              | 29,600 | 12.9 | 16.5 | 1030   | 820  |
| 3483980          | 24APA736A30  | CNPV*4824A**+UI      | 58MV(B,C)080-20         | 36,600              | 29,800 | 13.0 | 16.5 | 1010   | 840  |
| 3483981          | 24APA736A30  | CNPV*4824A**+UI      | 58MV(B,C)100-20         | 36,800              | 29,600 | 13.1 | 16.5 | 1040   | 800  |
| 3483869          | 24APA736A30  | CNPV*4824A**+UI      | 58MV(B,C)120-20         | 36,800              | 29,600 | 13.1 | 17.0 | 1010   | 810  |
| 3746082          | 24APA736A30  | CNPV*4824A**+UI      | 58UVB080-14             | 36,800              | 29,600 | 12.9 | 16.5 | 1030   | 820  |
| 3746083          | 24APA736A30  | CNPV*4824A**+UI      | 58UVB080-20             | 36,600              | 29,800 | 13.0 | 16.5 | 1010   | 840  |
| 3746084          | 24APA736A30  | CNPV*4824A**+UI      | 58UVB100-20             | 36,800              | 29,600 | 13.1 | 16.5 | 1040   | 800  |
| 3746080          | 24APA736A30  | CNPV*4824A**+UI      | 58UVB120-20             | 36,800              | 29,600 | 13.1 | 17.0 | 1010   | 810  |
| 3483920          | 24APA736A30  | CSPH*3612A**         | 58HDV060--12            | 36,800              | 29,200 | 12.5 | 16.0 | 1100   | 775  |
| 3483917          | 24APA736A30  | CSPH*3612A**         | 58ME(B,C)060-12         | 37,000              | 29,600 | 13.0 | 17.0 | 1080   | 805  |
| 3615327          | 24APA736A30  | CSPH*3612A**         | 58ME(B,C)060-12         | 37,000              | 29,600 | 13.0 | 17.0 | 1080   | 805  |
| 3619224          | 24APA736A30  | CSPH*3612A**         | 58ME(B,C)080-12         | 36,800              | 30,200 | 13.0 | 16.5 | 1055   | 920  |
| 3483918          | 24APA736A30  | CSPH*3612A**         | 58ME(B,C)080-12         | 36,800              | 30,200 | 13.0 | 16.5 | 1055   | 920  |
| 3617503          | 24APA736A30  | CSPH*3612A**         | 58ME(B,C)080-16         | 37,000              | 30,400 | 12.9 | 16.5 | 1080   | 980  |
| 3483919          | 24APA736A30  | CSPH*3612A**         | 58ME(B,C)080-16         | 37,000              | 30,400 | 12.9 | 16.5 | 1080   | 980  |
| 3483916          | 24APA736A30  | CSPH*3612A**         | 58PH*090-16             | 37,000              | 30,200 | 13.1 | 16.5 | 1060   | 925  |
| 3483907          | 24APA736A30  | CSPH*3612A**+TDR     |                         | 36,200              | 29,200 | 12.1 | 14.5 | 1050   | 840  |
| 3483911          | 24APA736A30  | CSPH*3612A**+UI      | 58CV(A,X)070-12         | 36,400              | 29,400 | 12.8 | 16.5 | 1005   | 805  |
| 3483912          | 24APA736A30  | CSPH*3612A**+UI      | 58CV(A,X)090-16         | 36,600              | 29,600 | 13.0 | 16.5 | 1005   | 805  |
| 3483913          | 24APA736A30  | CSPH*3612A**+UI      | 58CV(A,X)110-20         | 36,600              | 29,600 | 13.0 | 16.5 | 1020   | 815  |
| 3483914          | 24APA736A30  | CSPH*3612A**+UI      | 58CV(A,X)135-22         | 36,600              | 29,600 | 13.1 | 17.0 | 1010   | 810  |
| 3483915          | 24APA736A30  | CSPH*3612A**+UI      | 58CV(A,X)155-22         | 36,800              | 29,600 | 13.2 | 17.0 | 1015   | 810  |
| 3483908          | 24APA736A30  | CSPH*3612A**+UI      | 58MV(B,C)080-20         | 36,600              | 29,600 | 12.9 | 16.5 | 1010   | 810  |
| 3483909          | 24APA736A30  | CSPH*3612A**+UI      | 58MV(B,C)100-20         | 36,800              | 29,600 | 12.9 | 16.5 | 1040   | 830  |
| 3483910          | 24APA736A30  | CSPH*3612A**+UI      | 58MV(B,C)120-20         | 36,600              | 29,600 | 13.0 | 16.5 | 1010   | 810  |
| 3483935          | 24APA736A30  | CSPH*4212A**         | 58HDV060--12            | 37,000              | 29,400 | 12.5 | 16.5 | 1110   | 785  |
| 3483932          | 24APA736A30  | CSPH*4212A**         | 58ME(B,C)060-12         | 37,200              | 29,800 | 13.1 | 17.0 | 1095   | 815  |
| 3615328          | 24APA736A30  | CSPH*4212A**         | 58ME(B,C)060-12         | 37,200              | 29,800 | 13.1 | 17.0 | 1095   | 815  |
| 3483933          | 24APA736A30  | CSPH*4212A**         | 58ME(B,C)080-12         | 37,200              | 29,600 | 13.1 | 17.0 | 1065   | 780  |
| 3619225          | 24APA736A30  | CSPH*4212A**         | 58ME(B,C)080-12         | 37,200              | 29,600 | 13.1 | 17.0 | 1065   | 780  |
| 3617504          | 24APA736A30  | CSPH*4212A**         | 58ME(B,C)080-16         | 37,200              | 30,600 | 13.0 | 16.5 | 1090   | 990  |
| 3483934          | 24APA736A30  | CSPH*4212A**         | 58ME(B,C)080-16         | 37,200              | 30,600 | 13.0 | 16.5 | 1090   | 990  |
| 3483931          | 24APA736A30  | CSPH*4212A**         | 58PH*090-16             | 37,200              | 30,400 | 13.2 | 16.5 | 1070   | 935  |
| 3483921          | 24APA736A30  | CSPH*4212A**+TDR     |                         | 36,400              | 29,400 | 12.1 | 15.0 | 1050   | 840  |
| 3483926          | 24APA736A30  | CSPH*4212A**+UI      | 58CV(A,X)070-12         | 36,800              | 29,600 | 12.9 | 16.5 | 1005   | 805  |
| 3483927          | 24APA736A30  | CSPH*4212A**+UI      | 58CV(A,X)090-16         | 36,800              | 29,600 | 13.1 | 17.0 | 1005   | 805  |
| 3483928          | 24APA736A30  | CSPH*4212A**+UI      | 58CV(A,X)110-20         | 37,000              | 29,800 | 13.1 | 17.0 | 1020   | 815  |
| 3483929          | 24APA736A30  | CSPH*4212A**+UI      | 58CV(A,X)135-22         | 36,800              | 29,800 | 13.2 | 17.0 | 1010   | 810  |
| 3483930          | 24APA736A30  | CSPH*4212A**+UI      | 58CV(A,X)155-22         | 37,000              | 29,800 | 13.3 | 17.0 | 1015   | 810  |
| 3483922          | 24APA736A30  | CSPH*4212A**+UI      | 58MV(B,C)080-14         | 36,800              | 29,800 | 12.9 | 16.5 | 1030   | 825  |
| 3483923          | 24APA736A30  | CSPH*4212A**+UI      | 58MV(B,C)080-20         | 36,800              | 29,600 | 13.0 | 16.5 | 1010   | 810  |
| 3483924          | 24APA736A30  | CSPH*4212A**+UI      | 58MV(B,C)100-20         | 37,000              | 29,800 | 13.0 | 16.5 | 1040   | 830  |
| 3483925          | 24APA736A30  | CSPH*4212A**+UI      | 58MV(B,C)120-20         | 36,800              | 29,800 | 13.1 | 17.0 | 1010   | 810  |
| 3483950          | 24APA736A30  | CSPH*4812A**         | 58HDV060--12            | 37,200              | 29,600 | 12.6 | 16.5 | 1110   | 790  |
| 3615329          | 24APA736A30  | CSPH*4812A**         | 58ME(B,C)060-12         | 37,400              | 30,000 | 13.1 | 17.0 | 1095   | 820  |
| 3483947          | 24APA736A30  | CSPH*4812A**         | 58ME(B,C)060-12         | 37,400              | 30,000 | 13.1 | 17.0 | 1095   | 820  |
| 3483948          | 24APA736A30  | CSPH*4812A**         | 58ME(B,C)080-12         | 37,400              | 30,600 | 13.1 | 17.0 | 1065   | 930  |
| 3619226          | 24APA736A30  | CSPH*4812A**         | 58ME(B,C)080-12         | 37,400              | 30,600 | 13.1 | 17.0 | 1065   | 930  |
| 3483949          | 24APA736A30  | CSPH*4812A**         | 58ME(B,C)080-16         | 37,400              | 30,800 | 13.1 | 16.5 | 1090   | 990  |

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# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number  | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |      |
|------------------|---------------|----------------------|-------------------------|---------------------|--------|------|------|--------|------|
|                  |               |                      |                         | High                | Low    |      |      | High   | Low  |
| 3617505          | 24APA736A30   | CSPH*4812A**         | 58ME(B,C)080-16         | 37,400              | 30,800 | 13.1 | 16.5 | 1090   | 990  |
| 3483946          | 24APA736A30   | CSPH*4812A**         | 58PH*090-16             | 37,400              | 30,600 | 13.2 | 16.5 | 1070   | 940  |
| 3483936          | 24APA736A30   | CSPH*4812A**+TDR     |                         | 36,600              | 29,400 | 12.2 | 15.0 | 1050   | 840  |
| 3483941          | 24APA736A30   | CSPH*4812A**+UI      | 58CV(A,X)070-12         | 36,800              | 29,800 | 12.9 | 16.5 | 1005   | 805  |
| 3483942          | 24APA736A30   | CSPH*4812A**+UI      | 58CV(A,X)090-16         | 37,000              | 29,800 | 13.1 | 17.0 | 1005   | 805  |
| 3483943          | 24APA736A30   | CSPH*4812A**+UI      | 58CV(A,X)110-20         | 37,000              | 29,800 | 13.1 | 17.0 | 1020   | 815  |
| 3483944          | 24APA736A30   | CSPH*4812A**+UI      | 58CV(A,X)135-22         | 37,000              | 29,800 | 13.2 | 17.0 | 1010   | 810  |
| 3483945          | 24APA736A30   | CSPH*4812A**+UI      | 58CV(A,X)155-22         | 37,200              | 30,200 | 13.3 | 17.0 | 1015   | 810  |
| 3483937          | 24APA736A30   | CSPH*4812A**+UI      | 58MV(B,C)080-14         | 37,000              | 29,800 | 12.9 | 16.5 | 1030   | 825  |
| 3483938          | 24APA736A30   | CSPH*4812A**+UI      | 58MV(B,C)080-20         | 37,000              | 29,800 | 13.0 | 16.5 | 1010   | 810  |
| 3483939          | 24APA736A30   | CSPH*4812A**+UI      | 58MV(B,C)100-20         | 37,200              | 30,000 | 13.1 | 16.5 | 1040   | 830  |
| 3483940          | 24APA736A30   | CSPH*4812A**+UI      | 58MV(B,C)120-20         | 37,000              | 29,800 | 13.2 | 17.0 | 1010   | 810  |
| 3483982          | 24APA736A30   | FE4AN(B,F)003+UI     |                         | 36,400              | 29,400 | 13.0 | 17.0 | 1100   | 875  |
| 3483983          | 24APA736A30   | FE4AN(B,F)005+UI     |                         | 37,800              | 30,200 | 13.5 | 17.5 | 1100   | 875  |
| 3483984          | 24APA736A30   | FE4ANB006+UI         |                         | 38,500              | 30,800 | 13.8 | 17.5 | 1200   | 925  |
| 3483985          | 24APA736A30   | FE5ANB004+UI         |                         | 38,500              | 31,000 | 13.7 | 18.0 | 1200   | 925  |
| 3483904          | 24APA736A30   | FV4CN(B,F)003        |                         | 36,200              | 29,200 | 13.0 | 17.0 | 1050   | 840  |
| 3483905          | 24APA736A30   | FV4CN(B,F)005        |                         | 37,600              | 30,000 | 13.5 | 17.5 | 1050   | 840  |
| 3483906          | 24APA736A30   | FV4CNB006            |                         | 38,000              | 30,200 | 13.7 | 17.5 | 1050   | 840  |
| 3584911          | 24APA736A30   | FV4CNF002            |                         | 35,800              | 29,200 | 12.6 | 16.0 | 1050   | 840  |
| 3638145          | 24APA748A**31 | †CNPH*6124A**+UI     | 58MV(B,C)100-20         | 50,000              | 41,000 | 13.2 | 16.5 | 1395   | 1115 |
| 3638020          | 24APA748A**31 | CAP**4817A**+TDR     |                         | 47,500              | 39,000 | 12.0 | 14.5 | 1400   | 1120 |
| 3638039          | 24APA748A**31 | CAP**4817A**+UI      | 58CV(A,X)090-16         | 47,500              | 39,000 | 12.5 | 16.0 | 1345   | 1075 |
| 3638117          | 24APA748A**31 | CAP**4821A**         | 58ME(B,C)080-16         | 47,500              | 39,000 | 12.3 | 16.0 | 1430   | 1105 |
| 3638118          | 24APA748A**31 | CAP**4821A**         | 58ME(B,C)100-20         | 47,500              | 39,000 | 12.6 | 16.0 | 1385   | 1050 |
| 3638042          | 24APA748A**31 | CAP**4821A**         | 58PH*110-20             | 47,500              | 39,000 | 12.7 | 16.0 | 1350   | 1110 |
| 3638155          | 24APA748A**31 | CAP**4821A**         | 58VLR120-20             | 47,000              | 39,000 | 12.2 | 15.5 | 1350   | 1170 |
| 3638154          | 24APA748A**31 | CAP**4821A**         | 58VMR120-20             | 47,000              | 39,000 | 12.1 | 15.5 | 1355   | 1155 |
| 3638021          | 24APA748A**31 | CAP**4821A**+TDR     |                         | 48,000              | 38,500 | 12.0 | 14.5 | 1600   | 1120 |
| 3638040          | 24APA748A**31 | CAP**4821A**+UI      | 58MV(B,C)080-20         | 47,000              | 38,500 | 12.3 | 15.5 | 1310   | 1050 |
| 3638041          | 24APA748A**31 | CAP**4821A**+UI      | 58MV(B,C)100-20         | 47,000              | 39,000 | 12.2 | 15.5 | 1395   | 1115 |
| 3638253          | 24APA748A**31 | CAP**4821A**+UI      | 58UVB080-20             | 47,000              | 38,500 | 12.3 | 15.5 | 1310   | 1050 |
| 3638254          | 24APA748A**31 | CAP**4821A**+UI      | 58UVB100-20             | 47,000              | 39,000 | 12.2 | 15.5 | 1395   | 1115 |
| 3638171          | 24APA748A**31 | CAP**4823A**         | 58HDV080--20            | 46,000              | 39,000 | 11.8 | 15.0 | 1470   | 1160 |
| 3638030          | 24APA748A**31 | CAP**4823A**+TDR     |                         | 46,000              | 38,000 | 11.8 | 14.5 | 1400   | 1120 |
| 3638119          | 24APA748A**31 | CAP**4824A**         | 58ME(B,C)100-20         | 47,500              | 39,000 | 12.7 | 16.0 | 1410   | 1065 |
| 3638120          | 24APA748A**31 | CAP**4824A**         | 58ME(B,C)120-20         | 48,000              | 40,000 | 12.8 | 16.0 | 1425   | 1260 |
| 3638046          | 24APA748A**31 | CAP**4824A**         | 58PH*090-16             | 47,500              | 39,000 | 12.5 | 16.0 | 1415   | 1100 |
| 3638047          | 24APA748A**31 | CAP**4824A**         | 58PH*110-20             | 47,500              | 39,500 | 12.8 | 16.0 | 1375   | 1130 |
| 3638157          | 24APA748A**31 | CAP**4824A**         | 58VLR120-20             | 47,000              | 39,500 | 12.2 | 15.5 | 1350   | 1170 |
| 3638156          | 24APA748A**31 | CAP**4824A**         | 58VMR120-20             | 47,000              | 39,000 | 12.2 | 15.5 | 1355   | 1155 |
| 3638022          | 24APA748A**31 | CAP**4824A**+TDR     |                         | 47,000              | 38,500 | 12.0 | 14.5 | 1400   | 1120 |
| 3638044          | 24APA748A**31 | CAP**4824A**+UI      | 58CV(A,X)110-20         | 47,500              | 39,000 | 12.6 | 16.0 | 1355   | 1085 |
| 3638045          | 24APA748A**31 | CAP**4824A**+UI      | 58CV(A,X)135-22         | 47,500              | 39,000 | 12.8 | 16.0 | 1355   | 1085 |
| 3638043          | 24APA748A**31 | CAP**4824A**+UI      | 58MV(B,C)120-20         | 47,500              | 39,000 | 12.5 | 16.0 | 1360   | 1090 |
| 3638255          | 24APA748A**31 | CAP**4824A**+UI      | 58UVB120-20             | 47,500              | 39,000 | 12.5 | 16.0 | 1360   | 1090 |
| 3638051          | 24APA748A**31 | CAP**6021A**         | 58PH*090-16             | 48,500              | 39,500 | 12.8 | 16.0 | 1410   | 1100 |
| 3638052          | 24APA748A**31 | CAP**6021A**         | 58PH*110-20             | 48,500              | 39,500 | 13.0 | 16.5 | 1370   | 1125 |
| 3638159          | 24APA748A**31 | CAP**6021A**         | 58VLR120-20             | 47,000              | 39,000 | 12.7 | 15.5 | 1350   | 1170 |
| 3638158          | 24APA748A**31 | CAP**6021A**         | 58VMR120-20             | 48,000              | 39,000 | 12.4 | 15.5 | 1355   | 1155 |
| 3638023          | 24APA748A**31 | CAP**6021A**+TDR     |                         | 48,000              | 39,000 | 12.3 | 14.5 | 1400   | 1120 |
| 3638050          | 24APA748A**31 | CAP**6021A**+UI      | 58CV(A,X)110-20         | 48,500              | 39,500 | 12.8 | 16.0 | 1355   | 1085 |
| 3638048          | 24APA748A**31 | CAP**6021A**+UI      | 58MV(B,C)080-20         | 48,000              | 39,000 | 12.6 | 16.0 | 1310   | 1050 |
| 3638049          | 24APA748A**31 | CAP**6021A**+UI      | 58MV(B,C)100-20         | 48,500              | 39,000 | 12.5 | 16.0 | 1395   | 1115 |
| 3638256          | 24APA748A**31 | CAP**6021A**+UI      | 58UVB080-20             | 48,000              | 39,000 | 12.6 | 16.0 | 1310   | 1050 |
| 3638257          | 24APA748A**31 | CAP**6021A**+UI      | 58UVB100-20             | 48,500              | 39,500 | 12.5 | 16.0 | 1395   | 1115 |
| 3638121          | 24APA748A**31 | CAP**6024A**         | 58ME(B,C)100-20         | 48,500              | 39,500 | 12.9 | 16.5 | 1410   | 1070 |
| 3638122          | 24APA748A**31 | CAP**6024A**         | 58ME(B,C)120-20         | 49,000              | 40,500 | 13.0 | 16.5 | 1425   | 1260 |
| 3638057          | 24APA748A**31 | CAP**6024A**         | 58PH*110-20             | 48,500              | 40,000 | 13.1 | 16.5 | 1380   | 1130 |
| 3638058          | 24APA748A**31 | CAP**6024A**         | 58PH*135-20             | 48,500              | 40,000 | 12.9 | 16.0 | 1400   | 1235 |
| 3638054          | 24APA748A**31 | CAP**6024A**+UI      | 58CV(A,X)110-20         | 48,500              | 39,500 | 12.8 | 16.0 | 1355   | 1085 |
| 3638055          | 24APA748A**31 | CAP**6024A**+UI      | 58CV(A,X)135-22         | 48,500              | 39,500 | 13.0 | 16.5 | 1355   | 1085 |
| 3638056          | 24APA748A**31 | CAP**6024A**+UI      | 58CV(A,X)155-22         | 48,500              | 39,500 | 13.1 | 16.5 | 1365   | 1090 |
| 3638053          | 24APA748A**31 | CAP**6024A**+UI      | 58MV(B,C)120-20         | 48,500              | 39,500 | 12.8 | 16.0 | 1360   | 1090 |
| 3638258          | 24APA748A**31 | CAP**6024A**+UI      | 58UVB120-20             | 48,500              | 39,500 | 12.8 | 16.0 | 1360   | 1090 |
| 3638170          | 24APA748A**31 | CAP**6025A**         | 58HDV080--20            | 47,500              | 40,000 | 12.2 | 16.0 | 1495   | 1185 |
| 3638172          | 24APA748A**31 | CAP**6025A**         | 58HDV100--20            | 47,000              | 39,000 | 12.2 | 15.5 | 1430   | 1120 |
| 3638031          | 24APA748A**31 | CAP**6025A**+TDR     |                         | 47,000              | 38,000 | 12.0 | 14.5 | 1400   | 1120 |
| 3638092          | 24APA748A**31 | CNPH*4821A**         | 58HDV080--20            | 48,000              | 39,500 | 12.3 | 16.0 | 1495   | 1185 |
| 3638093          | 24APA748A**31 | CNPH*4821A**         | 58HDV100--20            | 47,500              | 39,500 | 12.4 | 16.0 | 1430   | 1125 |

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# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number  | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |      |
|------------------|---------------|----------------------|-------------------------|---------------------|--------|------|------|--------|------|
|                  |               |                      |                         | High                | Low    |      |      | High   | Low  |
| 3638130          | 24APA748A**31 | CNPH*4821A**         | 58ME(B,C)080-16         | 47,500              | 38,500 | 12.4 | 16.0 | 1450   | 1020 |
| 3638131          | 24APA748A**31 | CNPH*4821A**         | 58ME(B,C)100-20         | 47,500              | 39,000 | 12.7 | 16.5 | 1410   | 1070 |
| 3638132          | 24APA748A**31 | CNPH*4821A**         | 58ME(B,C)120-20         | 48,000              | 40,000 | 12.8 | 16.0 | 1425   | 1260 |
| 3638090          | 24APA748A**31 | CNPH*4821A**         | 58PH*090-16             | 47,500              | 39,500 | 12.6 | 16.0 | 1420   | 1105 |
| 3638091          | 24APA748A**31 | CNPH*4821A**         | 58PH*110-20             | 48,000              | 39,500 | 12.8 | 16.0 | 1380   | 1130 |
| 3638028          | 24APA748A**31 | CNPH*4821A**+TDR     |                         | 47,000              | 38,500 | 12.1 | 14.5 | 1400   | 1120 |
| 3638089          | 24APA748A**31 | CNPH*4821A**+UI      | 58CV(A,X)110-20         | 47,500              | 39,000 | 12.6 | 16.0 | 1355   | 1085 |
| 3638087          | 24APA748A**31 | CNPH*4821A**+UI      | 58MV(B,C)080-20         | 47,000              | 39,000 | 12.4 | 16.0 | 1310   | 1050 |
| 3638088          | 24APA748A**31 | CNPH*4821A**+UI      | 58MV(B,C)100-20         | 47,500              | 39,000 | 12.3 | 15.5 | 1395   | 1115 |
| 3638035          | 24APA748A**31 | CNPH*6024A**         | 58HDV100--20            | 48,500              | 40,000 | 12.6 | 16.0 | 1440   | 1135 |
| 3638133          | 24APA748A**31 | CNPH*6024A**         | 58ME(B,C)080-16         | 48,500              | 39,500 | 12.6 | 16.0 | 1455   | 1130 |
| 3638134          | 24APA748A**31 | CNPH*6024A**         | 58ME(B,C)100-20         | 48,500              | 39,500 | 12.9 | 16.5 | 1425   | 1085 |
| 3638135          | 24APA748A**31 | CNPH*6024A**         | 58ME(B,C)120-20         | 49,000              | 40,500 | 13.0 | 16.5 | 1440   | 1275 |
| 3638033          | 24APA748A**31 | CNPH*6024A**         | 58PH*110-20             | 48,500              | 40,000 | 13.1 | 16.5 | 1395   | 1145 |
| 3638034          | 24APA748A**31 | CNPH*6024A**         | 58PH*135-20             | 48,500              | 40,500 | 12.9 | 16.0 | 1420   | 1255 |
| 3638029          | 24APA748A**31 | CNPH*6024A**+TDR     |                         | 48,000              | 39,000 | 12.2 | 14.5 | 1400   | 1120 |
| 3638095          | 24APA748A**31 | CNPH*6024A**+UI      | 58CV(A,X)135-22         | 48,500              | 39,500 | 13.0 | 16.5 | 1355   | 1085 |
| 3638096          | 24APA748A**31 | CNPH*6024A**+UI      | 58CV(A,X)155-22         | 48,500              | 39,500 | 13.2 | 16.5 | 1365   | 1090 |
| 3638115          | 24APA748A**31 | CNPH*6024A**+UI      | 58MV(B,C)080-20         | 48,000              | 39,000 | 12.7 | 16.0 | 1310   | 1050 |
| 3638116          | 24APA748A**31 | CNPH*6024A**+UI      | 58MV(B,C)100-20         | 48,500              | 39,500 | 12.6 | 16.0 | 1395   | 1115 |
| 3638094          | 24APA748A**31 | CNPH*6024A**+UI      | 58MV(B,C)120-20         | 48,000              | 39,500 | 12.8 | 16.5 | 1360   | 1090 |
| 3638038          | 24APA748A**31 | CNPH*6124A**         | 58HDV100--20            | 50,500              | 41,500 | 13.3 | 17.0 | 1420   | 1115 |
| 3638136          | 24APA748A**31 | CNPH*6124A**         | 58ME(B,C)080-16         | 50,500              | 40,500 | 13.2 | 17.0 | 1445   | 1010 |
| 3638137          | 24APA748A**31 | CNPH*6124A**         | 58ME(B,C)100-20         | 50,500              | 41,000 | 13.6 | 17.5 | 1400   | 1060 |
| 3638138          | 24APA748A**31 | CNPH*6124A**         | 58ME(B,C)120-20         | 50,500              | 42,000 | 13.7 | 17.0 | 1420   | 1250 |
| 3638111          | 24APA748A**31 | CNPH*6124A**         | 58PH*090-16             | 50,500              | 41,000 | 13.4 | 17.0 | 1410   | 1095 |
| 3638036          | 24APA748A**31 | CNPH*6124A**         | 58PH*110-20             | 50,500              | 41,500 | 13.7 | 17.5 | 1370   | 1120 |
| 3638037          | 24APA748A**31 | CNPH*6124A**         | 58PH*135-20             | 50,500              | 42,000 | 13.5 | 17.0 | 1390   | 1220 |
| 3638152          | 24APA748A**31 | CNPH*6124A**+UI      | 58CV(A,X)110-20         | 50,000              | 41,000 | 13.5 | 17.0 | 1355   | 1085 |
| 3638153          | 24APA748A**31 | CNPH*6124A**+UI      | 58CV(A,X)135-22         | 50,500              | 41,000 | 13.6 | 17.0 | 1355   | 1085 |
| 3638151          | 24APA748A**31 | CNPH*6124A**+UI      | 58MV(B,C)120-20         | 50,000              | 41,000 | 13.4 | 17.0 | 1360   | 1090 |
| 3638123          | 24APA748A**31 | CNPV*4821A**         | 58ME(B,C)080-16         | 47,500              | 39,500 | 12.4 | 16.0 | 1450   | 1120 |
| 3638124          | 24APA748A**31 | CNPV*4821A**         | 58ME(B,C)100-20         | 48,000              | 39,000 | 12.7 | 16.5 | 1410   | 1070 |
| 3638062          | 24APA748A**31 | CNPV*4821A**         | 58PH*110-20             | 47,500              | 39,500 | 12.8 | 16.0 | 1380   | 1130 |
| 3638161          | 24APA748A**31 | CNPV*4821A**         | 58VLR120-20             | 47,000              | 39,000 | 12.3 | 15.5 | 1350   | 1170 |
| 3638160          | 24APA748A**31 | CNPV*4821A**         | 58VMR120-20             | 47,000              | 39,000 | 12.2 | 15.5 | 1355   | 1155 |
| 3638024          | 24APA748A**31 | CNPV*4821A**+TDR     |                         | 47,000              | 38,500 | 12.1 | 14.5 | 1400   | 1120 |
| 3638061          | 24APA748A**31 | CNPV*4821A**+UI      | 58CV(A,X)110-20         | 47,500              | 39,000 | 12.6 | 16.0 | 1355   | 1085 |
| 3638059          | 24APA748A**31 | CNPV*4821A**+UI      | 58MV(B,C)080-20         | 47,000              | 39,000 | 12.4 | 16.0 | 1310   | 1050 |
| 3638060          | 24APA748A**31 | CNPV*4821A**+UI      | 58MV(B,C)100-20         | 47,500              | 39,000 | 12.3 | 15.5 | 1395   | 1115 |
| 3638259          | 24APA748A**31 | CNPV*4821A**+UI      | 58UVB080-20             | 47,000              | 39,000 | 12.4 | 16.0 | 1310   | 1050 |
| 3638260          | 24APA748A**31 | CNPV*4821A**+UI      | 58UVB100-20             | 47,500              | 39,000 | 12.3 | 15.5 | 1395   | 1115 |
| 3638125          | 24APA748A**31 | CNPV*4824A**         | 58ME(B,C)100-20         | 48,000              | 39,000 | 12.7 | 16.5 | 1410   | 1070 |
| 3638068          | 24APA748A**31 | CNPV*4824A**         | 58ME(B,C)120-20         | 48,000              | 40,000 | 12.8 | 16.0 | 1425   | 1265 |
| 3638066          | 24APA748A**31 | CNPV*4824A**         | 58PH*110-20             | 48,000              | 39,500 | 12.8 | 16.0 | 1380   | 1130 |
| 3638067          | 24APA748A**31 | CNPV*4824A**         | 58PH*135-20             | 47,500              | 40,000 | 12.7 | 16.0 | 1400   | 1235 |
| 3638163          | 24APA748A**31 | CNPV*4824A**         | 58VLR120-20             | 47,000              | 39,000 | 12.3 | 15.5 | 1350   | 1170 |
| 3638162          | 24APA748A**31 | CNPV*4824A**         | 58VMR120-20             | 47,000              | 39,000 | 12.1 | 15.5 | 1355   | 1155 |
| 3638025          | 24APA748A**31 | CNPV*4824A**+TDR     |                         | 47,000              | 38,500 | 12.1 | 14.5 | 1400   | 1120 |
| 3638063          | 24APA748A**31 | CNPV*4824A**+UI      | 58CV(A,X)110-20         | 47,500              | 39,000 | 12.6 | 16.0 | 1355   | 1085 |
| 3638064          | 24APA748A**31 | CNPV*4824A**+UI      | 58CV(A,X)135-22         | 47,500              | 39,000 | 12.8 | 16.0 | 1355   | 1085 |
| 3638065          | 24APA748A**31 | CNPV*4824A**+UI      | 58CV(A,X)155-22         | 47,500              | 39,500 | 12.9 | 16.5 | 1365   | 1090 |
| 3747710          | 24APA748A**31 | CNPV*6024A**         | 58HDV100--20            | 48,500              | 40,000 | 12.6 | 16.0 | 1440   | 1115 |
| 3638126          | 24APA748A**31 | CNPV*6024A**         | 58ME(B,C)100-20         | 48,500              | 39,500 | 12.9 | 16.5 | 1425   | 1085 |
| 3638127          | 24APA748A**31 | CNPV*6024A**         | 58ME(B,C)120-20         | 49,000              | 40,500 | 13.1 | 16.5 | 1440   | 1275 |
| 3638072          | 24APA748A**31 | CNPV*6024A**         | 58PH*110-20             | 48,500              | 40,000 | 13.1 | 16.5 | 1395   | 1145 |
| 3638073          | 24APA748A**31 | CNPV*6024A**         | 58PH*135-20             | 48,500              | 40,500 | 12.9 | 16.0 | 1420   | 1255 |
| 3638165          | 24APA748A**31 | CNPV*6024A**         | 58VLR120-20             | 48,000              | 40,000 | 12.6 | 16.0 | 1350   | 1170 |
| 3638164          | 24APA748A**31 | CNPV*6024A**         | 58VMR120-20             | 48,000              | 39,000 | 12.5 | 16.0 | 1355   | 1155 |
| 3638026          | 24APA748A**31 | CNPV*6024A**+TDR     |                         | 48,000              | 39,000 | 12.2 | 14.5 | 1400   | 1120 |
| 3638069          | 24APA748A**31 | CNPV*6024A**+UI      | 58CV(A,X)110-20         | 48,500              | 39,500 | 12.9 | 16.5 | 1355   | 1085 |
| 3638070          | 24APA748A**31 | CNPV*6024A**+UI      | 58CV(A,X)135-22         | 48,500              | 39,500 | 13.0 | 16.5 | 1355   | 1085 |
| 3638071          | 24APA748A**31 | CNPV*6024A**+UI      | 58CV(A,X)155-22         | 48,500              | 39,500 | 13.2 | 16.5 | 1365   | 1090 |
| 3638112          | 24APA748A**31 | CNPV*6024A**+UI      | 58MV(B,C)080-20         | 48,000              | 39,000 | 12.6 | 16.0 | 1310   | 1050 |
| 3638113          | 24APA748A**31 | CNPV*6024A**+UI      | 58MV(B,C)100-20         | 48,500              | 39,500 | 12.6 | 16.0 | 1395   | 1115 |
| 3638114          | 24APA748A**31 | CNPV*6024A**+UI      | 58MV(B,C)120-20         | 48,500              | 39,500 | 12.8 | 16.0 | 1360   | 1090 |
| 3638261          | 24APA748A**31 | CNPV*6024A**+UI      | 58UVB080-20             | 48,000              | 39,000 | 12.6 | 16.0 | 1310   | 1050 |
| 3638262          | 24APA748A**31 | CNPV*6024A**+UI      | 58UVB100-20             | 48,500              | 39,500 | 12.6 | 16.0 | 1395   | 1115 |
| 3638263          | 24APA748A**31 | CNPV*6024A**+UI      | 58UVB120-20             | 48,500              | 39,500 | 12.8 | 16.0 | 1360   | 1090 |
| 3638032          | 24APA748A**31 | CNPV*6124A**         | 58CV(A,X)155-22         | 51,000              | 41,500 | 13.9 | 18.0 | 1365   | 1090 |
| 3638128          | 24APA748A**31 | CNPV*6124A**         | 58ME(B,C)100-20         | 51,000              | 41,500 | 13.7 | 17.5 | 1430   | 1095 |

See notes on page 19

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# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number  | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |      |
|------------------|---------------|----------------------|-------------------------|---------------------|--------|------|------|--------|------|
|                  |               |                      |                         | High                | Low    |      |      | High   | Low  |
| 3638129          | 24APA748A**31 | CNPV*6124A**         | 58ME(B,C)120-20         | 51,000              | 42,500 | 13.8 | 17.5 | 1445   | 1285 |
| 3638110          | 24APA748A**31 | CNPV*6124A**         | 58PH*090-16             | 51,000              | 42,000 | 13.6 | 17.5 | 1435   | 1125 |
| 3638085          | 24APA748A**31 | CNPV*6124A**         | 58PH*110-20             | 51,000              | 42,000 | 13.8 | 17.5 | 1400   | 1160 |
| 3638086          | 24APA748A**31 | CNPV*6124A**         | 58PH*135-20             | 51,000              | 41,000 | 13.7 | 17.5 | 1425   | 1265 |
| 3638167          | 24APA748A**31 | CNPV*6124A**         | 58VLR120-20             | 48,000              | 42,000 | 13.5 | 16.5 | 1350   | 1170 |
| 3638166          | 24APA748A**31 | CNPV*6124A**         | 58VMR120-20             | 48,000              | 42,000 | 13.2 | 16.5 | 1355   | 1155 |
| 3638018          | 24APA748A**31 | CNPV*6124A**+TDR     |                         | 50,500              | 41,000 | 13.0 | 15.5 | 1400   | 1120 |
| 3638148          | 24APA748A**31 | CNPV*6124A**+UI      | 58CV(A,X)110-20         | 50,500              | 41,500 | 13.7 | 17.5 | 1355   | 1085 |
| 3638149          | 24APA748A**31 | CNPV*6124A**+UI      | 58CV(A,X)135-22         | 50,500              | 41,500 | 13.8 | 17.5 | 1355   | 1085 |
| 3638150          | 24APA748A**31 | CNPV*6124A**+UI      | 58CV(A,X)155-22         | 51,000              | 41,500 | 13.9 | 17.0 | 1365   | 1090 |
| 3638146          | 24APA748A**31 | CNPV*6124A**+UI      | 58MV(B,C)100-20         | 50,500              | 41,500 | 13.4 | 17.0 | 1395   | 1115 |
| 3638147          | 24APA748A**31 | CNPV*6124A**+UI      | 58MV(B,C)120-20         | 50,500              | 41,500 | 13.6 | 17.5 | 1360   | 1090 |
| 3638264          | 24APA748A**31 | CNPV*6124A**+UI      | 58UVB100-20             | 50,500              | 41,500 | 13.4 | 17.0 | 1395   | 1115 |
| 3638265          | 24APA748A**31 | CNPV*6124A**+UI      | 58UVB120-20             | 50,500              | 41,500 | 13.6 | 17.5 | 1360   | 1090 |
| 3638080          | 24APA748A**31 | CSPH*4812A**         | 58HDV080-20             | 48,000              | 40,000 | 12.3 | 16.0 | 1465   | 1160 |
| 3638081          | 24APA748A**31 | CSPH*4812A**         | 58HDV100-20             | 48,000              | 39,500 | 12.5 | 16.0 | 1400   | 1100 |
| 3638139          | 24APA748A**31 | CSPH*4812A**         | 58ME(B,C)080-16         | 48,000              | 39,500 | 12.4 | 16.0 | 1425   | 1100 |
| 3638140          | 24APA748A**31 | CSPH*4812A**         | 58ME(B,C)100-20         | 48,000              | 39,000 | 12.8 | 16.5 | 1380   | 1045 |
| 3638141          | 24APA748A**31 | CSPH*4812A**         | 58ME(B,C)120-20         | 48,000              | 40,500 | 12.9 | 16.0 | 1395   | 1230 |
| 3638077          | 24APA748A**31 | CSPH*4812A**         | 58PH*090-16             | 48,000              | 39,500 | 12.6 | 16.0 | 1390   | 1080 |
| 3638078          | 24APA748A**31 | CSPH*4812A**         | 58PH*110-20             | 48,000              | 39,500 | 12.9 | 16.5 | 1340   | 1105 |
| 3638079          | 24APA748A**31 | CSPH*4812A**         | 58PH*135-20             | 48,000              | 40,000 | 12.7 | 16.0 | 1360   | 1200 |
| 3638168          | 24APA748A**31 | CSPH*4812A**         | 58VMR120-20             | 47,000              | 40,000 | 12.2 | 15.5 | 1355   | 1155 |
| 3638019          | 24APA748A**31 | CSPH*4812A**+TDR     |                         | 47,500              | 39,000 | 12.2 | 14.5 | 1400   | 1120 |
| 3638074          | 24APA748A**31 | CSPH*4812A**+UI      | 58CV(A,X)090-16         | 47,500              | 39,000 | 12.5 | 15.5 | 1345   | 1075 |
| 3638075          | 24APA748A**31 | CSPH*4812A**+UI      | 58CV(A,X)110-20         | 48,000              | 39,500 | 12.6 | 15.5 | 1355   | 1085 |
| 3638076          | 24APA748A**31 | CSPH*4812A**+UI      | 58CV(A,X)135-22         | 48,000              | 39,500 | 12.8 | 16.0 | 1355   | 1085 |
| 3638104          | 24APA748A**31 | CSPH*6012A**         | 58HDV080-20             | 49,000              | 40,500 | 12.6 | 16.0 | 1510   | 1190 |
| 3638105          | 24APA748A**31 | CSPH*6012A**         | 58HDV100-20             | 49,000              | 40,000 | 12.7 | 16.5 | 1440   | 1130 |
| 3638142          | 24APA748A**31 | CSPH*6012A**         | 58ME(B,C)080-16         | 49,000              | 40,000 | 12.6 | 16.0 | 1460   | 1125 |
| 3638143          | 24APA748A**31 | CSPH*6012A**         | 58ME(B,C)100-20         | 49,000              | 40,000 | 13.0 | 16.5 | 1425   | 1075 |
| 3638144          | 24APA748A**31 | CSPH*6012A**         | 58ME(B,C)120-20         | 49,000              | 41,000 | 13.1 | 16.5 | 1440   | 1270 |
| 3638101          | 24APA748A**31 | CSPH*6012A**         | 58PH*090-16             | 49,000              | 40,000 | 12.9 | 16.5 | 1430   | 1110 |
| 3638102          | 24APA748A**31 | CSPH*6012A**         | 58PH*110-20             | 49,000              | 40,000 | 13.1 | 16.5 | 1395   | 1135 |
| 3638103          | 24APA748A**31 | CSPH*6012A**         | 58PH*135-20             | 49,000              | 40,500 | 13.0 | 16.5 | 1420   | 1250 |
| 3638169          | 24APA748A**31 | CSPH*6012A**         | 58VMR120-20             | 48,000              | 40,000 | 12.8 | 16.0 | 1355   | 1155 |
| 3638027          | 24APA748A**31 | CSPH*6012A**+TDR     |                         | 48,500              | 39,500 | 12.3 | 15.0 | 1400   | 1120 |
| 3638097          | 24APA748A**31 | CSPH*6012A**+UI      | 58CV(A,X)090-16         | 48,500              | 39,500 | 12.8 | 16.5 | 1345   | 1075 |
| 3638098          | 24APA748A**31 | CSPH*6012A**+UI      | 58CV(A,X)110-20         | 48,500              | 40,000 | 12.9 | 16.5 | 1355   | 1085 |
| 3638099          | 24APA748A**31 | CSPH*6012A**+UI      | 58CV(A,X)135-22         | 48,500              | 40,000 | 13.1 | 16.5 | 1355   | 1085 |
| 3638100          | 24APA748A**31 | CSPH*6012A**+UI      | 58CV(A,X)155-22         | 49,000              | 40,000 | 13.2 | 16.5 | 1365   | 1090 |
| 3638082          | 24APA748A**31 | CSPH*6012A**+UI      | 58MV(B,C)080-20         | 48,000              | 39,500 | 12.7 | 16.0 | 1310   | 1050 |
| 3638083          | 24APA748A**31 | CSPH*6012A**+UI      | 58MV(B,C)100-20         | 48,500              | 40,000 | 12.6 | 16.0 | 1395   | 1115 |
| 3638084          | 24APA748A**31 | CSPH*6012A**+UI      | 58MV(B,C)120-20         | 48,500              | 40,000 | 12.9 | 16.5 | 1360   | 1090 |
| 3638106          | 24APA748A**31 | FE4AN(B,F)005+UI     |                         | 48,500              | 40,000 | 13.1 | 16.5 | 1400   | 1120 |
| 3638107          | 24APA748A**31 | FE4ANB006+UI         |                         | 49,500              | 40,500 | 13.4 | 17.0 | 1400   | 1120 |
| 3638108          | 24APA748A**31 | FV4CN(B,F)005        |                         | 48,500              | 40,000 | 13.1 | 16.5 | 1400   | 1120 |
| 3638109          | 24APA748A**31 | FV4CNB006            |                         | 49,500              | 40,500 | 13.4 | 17.0 | 1400   | 1120 |
| 3638181          | 24APA760A**31 | †CNPV*6124A**        | 58PH*110-20             | 59,000              | 47,000 | 13.0 | 16.5 | 1675   | 1245 |
| 3638211          | 24APA760A**31 | CAP**6021A**         | 58ME(B,C)100-20         | 58,000              | 46,500 | 12.9 | 16.0 | 1620   | 1255 |
| 3638185          | 24APA760A**31 | CAP**6021A**         | 58PH*110-20             | 58,500              | 46,500 | 13.0 | 16.5 | 1670   | 1250 |
| 3638243          | 24APA760A**31 | CAP**6021A**         | 58VLR120-20             | 58,500              | 47,000 | 12.5 | 16.0 | 1735   | 1350 |
| 3638242          | 24APA760A**31 | CAP**6021A**         | 58VMR120-20             | 57,500              | 47,000 | 12.0 | 15.5 | 1740   | 1355 |
| 3638173          | 24APA760A**31 | CAP**6021A**+TDR     |                         | 58,500              | 46,500 | 12.6 | 15.0 | 1750   | 1400 |
| 3638184          | 24APA760A**31 | CAP**6021A**+UI      | 58CV(A,X)110-20         | 58,500              | 47,000 | 12.7 | 16.0 | 1695   | 1355 |
| 3638182          | 24APA760A**31 | CAP**6021A**+UI      | 58MV(B,C)080-20         | 58,000              | 46,500 | 12.0 | 15.5 | 1730   | 1310 |
| 3638183          | 24APA760A**31 | CAP**6021A**+UI      | 58MV(B,C)100-20         | 58,000              | 47,000 | 12.3 | 15.5 | 1660   | 1395 |
| 3638266          | 24APA760A**31 | CAP**6021A**+UI      | 58UVB080-20             | 58,000              | 46,500 | 12.0 | 15.5 | 1730   | 1310 |
| 3638267          | 24APA760A**31 | CAP**6021A**+UI      | 58UVB100-20             | 58,000              | 47,000 | 12.3 | 15.5 | 1660   | 1395 |
| 3638190          | 24APA760A**31 | CAP**6024A**         | 58HDV100-20             | 58,500              | 47,500 | 12.4 | 15.5 | 1775   | 1415 |
| 3638212          | 24APA760A**31 | CAP**6024A**         | 58ME(B,C)100-20         | 58,500              | 46,500 | 12.9 | 16.0 | 1630   | 1260 |
| 3638213          | 24APA760A**31 | CAP**6024A**         | 58ME(B,C)120-20         | 58,500              | 47,000 | 13.1 | 16.5 | 1640   | 1280 |
| 3638189          | 24APA760A**31 | CAP**6024A**         | 58PH*135-20             | 58,500              | 46,500 | 12.9 | 16.0 | 1650   | 1260 |
| 3638245          | 24APA760A**31 | CAP**6024A**         | 58VLR120-20             | 58,000              | 47,000 | 12.7 | 16.0 | 1735   | 1350 |
| 3638244          | 24APA760A**31 | CAP**6024A**         | 58VMR120-20             | 58,000              | 47,000 | 12.2 | 15.5 | 1740   | 1355 |
| 3638174          | 24APA760A**31 | CAP**6024A**+TDR     |                         | 58,500              | 46,500 | 12.6 | 15.0 | 1750   | 1400 |
| 3638187          | 24APA760A**31 | CAP**6024A**+UI      | 58CV(A,X)135-22         | 58,500              | 47,000 | 13.0 | 16.0 | 1685   | 1355 |
| 3638188          | 24APA760A**31 | CAP**6024A**+UI      | 58CV(A,X)155-22         | 59,000              | 47,500 | 13.1 | 16.5 | 1705   | 1365 |
| 3638186          | 24APA760A**31 | CAP**6024A**+UI      | 58MV(B,C)120-20         | 58,000              | 47,000 | 12.6 | 15.5 | 1680   | 1360 |
| 3638268          | 24APA760A**31 | CAP**6024A**+UI      | 58UVB120-20             | 58,000              | 47,000 | 12.6 | 15.5 | 1680   | 1360 |

See notes on page 19

# COMBINATION RATINGS CONTINUED

| AHRI<br>Ref. No. | Model Number  | Coil<br>Model Number | Furnace<br>Model Number | Cooling<br>Capacity |        | EER  | SEER | ID CFM |      |
|------------------|---------------|----------------------|-------------------------|---------------------|--------|------|------|--------|------|
|                  |               |                      |                         | High                | Low    |      |      | High   | Low  |
| 3638251          | 24APA760A**31 | CAP**6025A**         | 58HDV080--20            | 56,500              | 46,000 | 11.6 | 15.5 | 1845   | 1445 |
| 3638252          | 24APA760A**31 | CAP**6025A**         | 58HDV100--20            | 56,500              | 46,500 | 11.8 | 15.5 | 1775   | 1415 |
| 3638180          | 24APA760A**31 | CAP**6025A**+TDR     |                         | 57,000              | 46,000 | 11.8 | 14.5 | 1750   | 1400 |
| 3638226          | 24APA760A**31 | CNPH*6024A**         | 58ME(B,C)100-20         | 58,500              | 47,000 | 13.0 | 16.5 | 1645   | 1275 |
| 3638227          | 24APA760A**31 | CNPH*6024A**         | 58ME(B,C)120-20         | 58,500              | 47,000 | 13.0 | 16.5 | 1655   | 1290 |
| 3638217          | 24APA760A**31 | CNPH*6024A**         | 58PH*110-20             | 58,500              | 47,000 | 13.0 | 16.5 | 1700   | 1275 |
| 3638218          | 24APA760A**31 | CNPH*6024A**         | 58PH*135-20             | 58,500              | 47,000 | 12.9 | 16.0 | 1670   | 1280 |
| 3638177          | 24APA760A**31 | CNPH*6024A**+TDR     |                         | 58,500              | 46,500 | 12.6 | 15.0 | 1750   | 1400 |
| 3638198          | 24APA760A**31 | CNPH*6024A**+UI      | 58CV(A,X)110-20         | 58,500              | 47,000 | 12.8 | 16.0 | 1695   | 1355 |
| 3638199          | 24APA760A**31 | CNPH*6024A**+UI      | 58CV(A,X)135-22         | 58,500              | 47,000 | 13.0 | 16.0 | 1685   | 1355 |
| 3638200          | 24APA760A**31 | CNPH*6024A**+UI      | 58CV(A,X)155-22         | 58,500              | 47,500 | 13.1 | 16.5 | 1705   | 1365 |
| 3638196          | 24APA760A**31 | CNPH*6024A**+UI      | 58MV(B,C)100-20         | 57,500              | 47,000 | 12.3 | 15.5 | 1660   | 1395 |
| 3638197          | 24APA760A**31 | CNPH*6024A**+UI      | 58MV(B,C)120-20         | 58,000              | 47,000 | 12.6 | 16.0 | 1680   | 1360 |
| 3638220          | 24APA760A**31 | CNPH*6124A**         | 58HDV100--20            | 58,500              | 47,500 | 12.4 | 15.5 | 1765   | 1410 |
| 3638228          | 24APA760A**31 | CNPH*6124A**         | 58ME(B,C)100-20         | 58,500              | 47,000 | 13.0 | 16.5 | 1625   | 1255 |
| 3638229          | 24APA760A**31 | CNPH*6124A**         | 58ME(B,C)120-20         | 58,500              | 47,000 | 13.1 | 16.5 | 1630   | 1270 |
| 3638219          | 24APA760A**31 | CNPH*6124A**         | 58PH*135-20             | 58,500              | 47,000 | 12.9 | 16.0 | 1640   | 1245 |
| 3638178          | 24APA760A**31 | CNPH*6124A**+TDR     |                         | 59,000              | 47,000 | 12.7 | 15.0 | 1750   | 1400 |
| 3638235          | 24APA760A**31 | CNPH*6124A**+UI      | 58CV(A,X)110-20         | 58,500              | 47,500 | 12.8 | 16.0 | 1695   | 1355 |
| 3638236          | 24APA760A**31 | CNPH*6124A**+UI      | 58CV(A,X)135-22         | 59,000              | 47,500 | 13.0 | 16.0 | 1685   | 1355 |
| 3638237          | 24APA760A**31 | CNPH*6124A**+UI      | 58CV(A,X)155-22         | 59,000              | 47,500 | 13.2 | 16.5 | 1705   | 1365 |
| 3638233          | 24APA760A**31 | CNPH*6124A**+UI      | 58MV(B,C)100-20         | 58,000              | 47,500 | 12.3 | 15.5 | 1660   | 1395 |
| 3638234          | 24APA760A**31 | CNPH*6124A**+UI      | 58MV(B,C)120-20         | 58,500              | 47,500 | 12.6 | 15.5 | 1680   | 1360 |
| 3638214          | 24APA760A**31 | CNPV*6024A**         | 58ME(B,C)100-20         | 58,500              | 47,000 | 13.0 | 16.5 | 1645   | 1275 |
| 3638215          | 24APA760A**31 | CNPV*6024A**         | 58ME(B,C)120-20         | 58,500              | 47,000 | 13.1 | 16.5 | 1655   | 1290 |
| 3638210          | 24APA760A**31 | CNPV*6024A**         | 58PH*110-20             | 58,500              | 47,500 | 13.0 | 16.0 | 1700   | 1425 |
| 3638194          | 24APA760A**31 | CNPV*6024A**         | 58PH*135-20             | 58,500              | 47,000 | 12.9 | 16.0 | 1670   | 1280 |
| 3638247          | 24APA760A**31 | CNPV*6024A**         | 58VLR120-20             | 58,500              | 47,000 | 12.7 | 16.0 | 1735   | 1350 |
| 3638246          | 24APA760A**31 | CNPV*6024A**         | 58VMR120-20             | 57,500              | 47,000 | 12.2 | 15.5 | 1740   | 1355 |
| 3638175          | 24APA760A**31 | CNPV*6024A**+TDR     |                         | 58,500              | 46,500 | 12.6 | 15.0 | 1750   | 1400 |
| 3638209          | 24APA760A**31 | CNPV*6024A**+UI      | 58CV(A,X)110-20         | 58,500              | 47,000 | 12.8 | 16.0 | 1695   | 1355 |
| 3638192          | 24APA760A**31 | CNPV*6024A**+UI      | 58CV(A,X)135-22         | 58,500              | 47,000 | 13.0 | 16.0 | 1685   | 1355 |
| 3638193          | 24APA760A**31 | CNPV*6024A**+UI      | 58CV(A,X)155-22         | 58,500              | 47,500 | 13.1 | 16.5 | 1705   | 1365 |
| 3638208          | 24APA760A**31 | CNPV*6024A**+UI      | 58MV(B,C)100-20         | 57,500              | 47,000 | 12.3 | 15.5 | 1660   | 1395 |
| 3638191          | 24APA760A**31 | CNPV*6024A**+UI      | 58MV(B,C)120-20         | 58,000              | 47,000 | 12.6 | 16.0 | 1680   | 1360 |
| 3638270          | 24APA760A**31 | CNPV*6024A**+UI      | 58UVB100-20             | 57,500              | 47,000 | 12.3 | 15.5 | 1660   | 1395 |
| 3638269          | 24APA760A**31 | CNPV*6024A**+UI      | 58UVB120-20             | 58,000              | 47,000 | 12.6 | 16.0 | 1680   | 1360 |
| 3638216          | 24APA760A**31 | CNPV*6124A**         | 58ME(B,C)100-20         | 59,000              | 47,500 | 13.1 | 16.5 | 1650   | 1285 |
| 3638225          | 24APA760A**31 | CNPV*6124A**         | 58ME(B,C)120-20         | 58,500              | 47,000 | 13.0 | 16.5 | 1660   | 1300 |
| 3638207          | 24APA760A**31 | CNPV*6124A**         | 58PH*110-20             | 59,500              | 48,500 | 13.2 | 16.5 | 1710   | 1435 |
| 3638195          | 24APA760A**31 | CNPV*6124A**         | 58PH*135-20             | 59,000              | 47,500 | 13.1 | 16.5 | 1675   | 1290 |
| 3638249          | 24APA760A**31 | CNPV*6124A**         | 58VLR120-20             | 59,500              | 47,500 | 12.9 | 16.5 | 1735   | 1350 |
| 3638248          | 24APA760A**31 | CNPV*6124A**         | 58VMR120-20             | 59,000              | 47,500 | 12.5 | 16.0 | 1740   | 1355 |
| 3638176          | 24APA760A**31 | CNPV*6124A**+TDR     |                         | 59,500              | 47,500 | 12.8 | 15.0 | 1750   | 1400 |
| 3638239          | 24APA760A**31 | CNPV*6124A**+UI      | 58CV(A,X)110-20         | 59,000              | 48,000 | 13.0 | 16.0 | 1695   | 1355 |
| 3638241          | 24APA760A**31 | CNPV*6124A**+UI      | 58CV(A,X)135-22         | 59,500              | 48,000 | 13.2 | 16.5 | 1685   | 1355 |
| 3638232          | 24APA760A**31 | CNPV*6124A**+UI      | 58CV(A,X)155-22         | 59,500              | 48,000 | 13.3 | 16.5 | 1705   | 1365 |
| 3638238          | 24APA760A**31 | CNPV*6124A**+UI      | 58MV(B,C)100-20         | 58,500              | 47,500 | 12.5 | 15.5 | 1660   | 1395 |
| 3638240          | 24APA760A**31 | CNPV*6124A**+UI      | 58MV(B,C)120-20         | 59,000              | 47,500 | 12.8 | 16.0 | 1680   | 1360 |
| 3638271          | 24APA760A**31 | CNPV*6124A**+UI      | 58UVB100-20             | 58,500              | 47,500 | 12.5 | 15.5 | 1660   | 1395 |
| 3638272          | 24APA760A**31 | CNPV*6124A**+UI      | 58UVB120-20             | 59,000              | 47,500 | 12.8 | 16.0 | 1680   | 1360 |
| 3638230          | 24APA760A**31 | CSPH*6012A**         | 58ME(B,C)100-20         | 58,500              | 47,000 | 13.1 | 16.5 | 1650   | 1270 |
| 3638231          | 24APA760A**31 | CSPH*6012A**         | 58ME(B,C)120-20         | 59,000              | 47,000 | 13.2 | 16.5 | 1660   | 1290 |
| 3638203          | 24APA760A**31 | CSPH*6012A**         | 58PH*110-20             | 59,000              | 47,000 | 13.1 | 16.5 | 1710   | 1270 |
| 3638204          | 24APA760A**31 | CSPH*6012A**         | 58PH*135-20             | 58,500              | 47,000 | 13.0 | 16.5 | 1675   | 1275 |
| 3638250          | 24APA760A**31 | CSPH*6012A**         | 58VMR120-20             | 58,500              | 47,500 | 12.4 | 16.0 | 1740   | 1355 |
| 3638179          | 24APA760A**31 | CSPH*6012A**+TDR     |                         | 59,000              | 47,000 | 12.7 | 15.0 | 1750   | 1400 |
| 3638224          | 24APA760A**31 | CSPH*6012A**+UI      | 58CV(A,X)110-20         | 58,500              | 47,500 | 12.9 | 16.0 | 1695   | 1355 |
| 3638201          | 24APA760A**31 | CSPH*6012A**+UI      | 58CV(A,X)135-22         | 59,000              | 47,500 | 13.1 | 16.5 | 1685   | 1355 |
| 3638202          | 24APA760A**31 | CSPH*6012A**+UI      | 58CV(A,X)155-22         | 59,000              | 47,500 | 13.2 | 16.5 | 1705   | 1365 |
| 3638221          | 24APA760A**31 | CSPH*6012A**+UI      | 58MV(B,C)080-20         | 58,000              | 47,000 | 12.2 | 15.5 | 1730   | 1310 |
| 3638222          | 24APA760A**31 | CSPH*6012A**+UI      | 58MV(B,C)100-20         | 58,000              | 47,500 | 12.4 | 15.5 | 1660   | 1395 |
| 3638223          | 24APA760A**31 | CSPH*6012A**+UI      | 58MV(B,C)120-20         | 58,500              | 47,500 | 12.7 | 16.0 | 1680   | 1360 |
| 3638205          | 24APA760A**31 | FE4ANB006+UI         |                         | 59,500              | 48,000 | 13.4 | 17.0 | 1750   | 1400 |
| 3638206          | 24APA760A**31 | FV4CNB006            |                         | 59,500              | 48,000 | 13.4 | 16.5 | 1750   | 1400 |

† Tested combination

**EER** — Energy Efficiency Ratio

**SEER** — Seasonal Energy Efficiency Ratio

**TDR** — Time-Delay Relay. In most cases, only 1 method should be used to achieve TDR function. Using more than 1 method in a system may cause degradation in performance.

Use either the accessory Time-Delay Relay KAATD0101TDR or a furnace equipped with TDR. Most Carrier furnaces are equipped with TDR.

**TXV** — Thermostatic Expansion Valve

**UI** — User Interface

## NOTES:

1. Ratings are net values reflecting the effects of circulating fan motor heat. Supplemental electric heat is not included.

2. Tested outdoor/indoor combinations have been tested in accordance with DOE test procedures for central air conditioners. Ratings for other combinations are determined under DOE computer simulation procedures.

3. Determine actual CFM values obtainable for your system by referring to fan performance data in fan coil or furnace coil literature.

4. Do not apply with capillary tube coils as performance and reliability are affected.

DETAILED COOLING CAPACITIES#

24AP47

| EVAPORATOR AIR                              |                  |                |                 | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |                 |                |                 |                |                 |                |                 |                |                 |  |  |
|---------------------------------------------|------------------|----------------|-----------------|---------------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|--|--|
| CFM                                         | EWB<br>° 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†           |  |  |
| 600                                         | 57 (13.9)        | 22.73          | 22.73           | 1.53                                        | 22.01           | 22.01          | 21.22           | 1.86           | 20.36           | 20.36          | 19.43           | 18.40          | 2.48            |  |  |
|                                             | 62 (16.7)        | 24.15          | 20.31           | 1.54                                        | 19.64           | 19.64          | 18.95           | 1.86           | 20.99           | 18.24          | 17.52           | 16.78          | 2.48            |  |  |
|                                             | 63 (17.2)††      | 24.66          | 16.79           | 1.54                                        | 23.66           | 16.15          | 15.49           | 1.87           | 21.42           | 14.82          | 14.13           | 13.42          | 2.48            |  |  |
|                                             | 67 (19.4)        | 26.66          | 17.43           | 1.56                                        | 25.58           | 16.77          | 16.11           | 1.88           | 23.17           | 15.43          | 14.74           | 14.03          | 2.50            |  |  |
|                                             | 72 (22.2)        | 29.46          | 14.50           | 1.58                                        | 28.27           | 13.87          | 13.23           | 1.90           | 25.65           | 12.59          | 11.93           | 11.25          | 2.52            |  |  |
| 715                                         | 57 (13.9)        | 24.27          | 24.27           | 1.56                                        | 23.46           | 23.46          | 22.58           | 1.89           | 21.64           | 21.64          | 20.61           | 19.47          | 2.51            |  |  |
|                                             | 62 (16.7)        | 25.08          | 22.43           | 1.57                                        | 24.03           | 21.72          | 20.98           | 1.89           | 21.73           | 20.23          | 20.64           | 19.51          | 2.51            |  |  |
|                                             | 63 (17.2)††      | 25.57          | 18.25           | 1.57                                        | 24.48           | 17.57          | 16.88           | 1.89           | 22.08           | 16.18          | 15.47           | 14.73          | 2.51            |  |  |
|                                             | 67 (19.4)        | 27.62          | 18.98           | 1.59                                        | 26.45           | 18.30          | 17.60           | 1.91           | 23.87           | 16.89          | 16.18           | 15.44          | 2.52            |  |  |
|                                             | 72 (22.2)        | 30.50          | 15.50           | 1.61                                        | 29.22           | 14.84          | 14.18           | 1.93           | 26.40           | 13.51          | 12.83           | 12.13          | 2.55            |  |  |
| 750                                         | 57 (13.9)        | 24.68          | 24.68           | 1.57                                        | 23.85           | 23.85          | 22.95           | 1.90           | 22.97           | 21.97          | 20.92           | 19.76          | 2.52            |  |  |
|                                             | 62 (16.7)        | 25.32          | 23.05           | 1.58                                        | 24.25           | 22.33          | 23.12           | 1.90           | 22.01           | 22.01          | 20.95           | 19.79          | 2.52            |  |  |
|                                             | 63 (17.2)††      | 25.79          | 18.67           | 1.58                                        | 24.69           | 17.99          | 17.29           | 1.90           | 22.24           | 16.58          | 15.86           | 15.12          | 2.51            |  |  |
|                                             | 67 (19.4)        | 27.85          | 19.44           | 1.59                                        | 26.66           | 18.74          | 18.04           | 1.92           | 24.04           | 17.33          | 16.60           | 15.86          | 2.53            |  |  |
|                                             | 72 (22.2)        | 30.75          | 15.79           | 1.62                                        | 29.44           | 15.13          | 14.46           | 1.94           | 26.58           | 13.78          | 13.09           | 12.39          | 2.55            |  |  |
| 800                                         | 57 (13.9)        | 25.23          | 25.23           | 1.59                                        | 24.36           | 24.36          | 23.43           | 1.91           | 22.42           | 22.42          | 21.33           | 20.13          | 2.53            |  |  |
|                                             | 62 (16.7)        | 25.63          | 23.93           | 1.59                                        | 24.55           | 23.46          | 23.46           | 1.91           | 22.45           | 22.45          | 21.36           | 20.16          | 2.53            |  |  |
|                                             | 63 (17.2)††      | 26.08          | 19.27           | 1.59                                        | 24.94           | 18.57          | 17.86           | 1.91           | 22.45           | 17.15          | 16.41           | 15.66          | 2.52            |  |  |
|                                             | 67 (19.4)        | 28.15          | 20.08           | 1.61                                        | 26.93           | 19.37          | 18.66           | 1.93           | 24.26           | 17.94          | 17.20           | 16.44          | 2.54            |  |  |
|                                             | 72 (22.2)        | 31.08          | 16.19           | 1.63                                        | 29.73           | 15.52          | 14.84           | 1.95           | 26.81           | 14.16          | 13.46           | 12.75          | 2.56            |  |  |
| CONDENSER ENTERING AIR TEMPERATURES °F (°C) |                  |                |                 |                                             |                 |                |                 |                |                 |                |                 |                |                 |  |  |
| CFM                                         | EWB<br>° 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†           |  |  |
| 450                                         | 57 (13.9)        | 16.08          | 16.08           | 1.00                                        | 15.50           | 15.50          | 14.87           | 1.35           | 14.19           | 14.19          | 13.45           | 12.84          | 2.10            |  |  |
|                                             | 62 (16.7)        | 17.21          | 13.77           | 1.01                                        | 16.42           | 13.42          | 13.04           | 1.35           | 14.66           | 12.65          | 13.67           | 12.67          | 2.10            |  |  |
|                                             | 63 (17.2)††      | 17.63          | 11.41           | 1.01                                        | 16.83           | 11.06          | 10.68           | 1.35           | 15.03           | 10.29          | 14.01           | 12.93          | 2.10            |  |  |
|                                             | 67 (19.4)        | 19.26          | 11.92           | 1.02                                        | 18.39           | 11.56          | 11.19           | 1.36           | 16.45           | 10.80          | 15.37           | 9.93           | 2.11            |  |  |
|                                             | 72 (22.2)        | 21.55          | 10.03           | 1.04                                        | 20.58           | 9.67           | 9.30            | 1.37           | 18.47           | 8.91           | 17.29           | 8.05           | 2.12            |  |  |
| 500                                         | 57 (13.9)        | 16.84          | 16.84           | 1.01                                        | 16.22           | 16.22          | 15.55           | 1.36           | 14.82           | 14.82          | 14.03           | 13.17          | 2.11            |  |  |
|                                             | 62 (16.7)        | 17.70          | 14.66           | 1.02                                        | 16.87           | 14.29          | 13.91           | 1.36           | 15.03           | 13.50          | 14.06           | 13.19          | 2.11            |  |  |
|                                             | 63 (17.2)††      | 18.12          | 12.03           | 1.02                                        | 17.27           | 11.67          | 11.29           | 1.36           | 15.38           | 10.88          | 14.33           | 10.00          | 2.11            |  |  |
|                                             | 67 (19.4)        | 19.78          | 12.58           | 1.03                                        | 18.87           | 12.22          | 11.84           | 1.37           | 16.83           | 11.43          | 15.70           | 10.55          | 2.12            |  |  |
|                                             | 72 (22.2)        | 22.13          | 10.48           | 1.05                                        | 21.12           | 10.11          | 9.73            | 1.38           | 18.90           | 9.32           | 17.66           | 8.45           | 2.13            |  |  |
| 585                                         | 57 (13.9)        | 17.95          | 17.95           | 1.03                                        | 17.27           | 17.27          | 16.53           | 1.37           | 15.73           | 15.73          | 14.87           | 13.93          | 2.13            |  |  |
|                                             | 62 (16.7)        | 18.37          | 16.11           | 1.04                                        | 17.49           | 15.73          | 15.37           | 1.37           | 15.76           | 15.76          | 14.90           | 13.96          | 2.13            |  |  |
|                                             | 63 (17.2)††      | 18.78          | 13.04           | 1.04                                        | 17.86           | 12.67          | 12.27           | 1.38           | 15.84           | 11.84          | 14.74           | 10.94          | 2.13            |  |  |
|                                             | 67 (19.4)        | 20.49          | 13.66           | 1.05                                        | 19.51           | 13.29          | 12.89           | 1.38           | 17.34           | 12.47          | 16.14           | 11.56          | 2.13            |  |  |
|                                             | 72 (22.2)        | 22.90          | 11.19           | 1.06                                        | 21.83           | 10.81          | 10.41           | 1.39           | 19.45           | 10.00          | 18.15           | 9.10           | 2.14            |  |  |
| 640                                         | 57 (13.9)        | 18.58          | 18.58           | 1.04                                        | 17.86           | 17.86          | 17.08           | 1.38           | 16.25           | 16.25          | 15.34           | 14.36          | 2.14            |  |  |
|                                             | 62 (16.7)        | 18.74          | 17.02           | 1.05                                        | 17.89           | 17.89          | 17.11           | 1.38           | 16.28           | 16.28          | 15.36           | 14.38          | 2.14            |  |  |
|                                             | 63 (17.2)††      | 19.11          | 13.67           | 1.05                                        | 18.17           | 13.29          | 12.88           | 1.38           | 16.10           | 12.46          | 14.95           | 13.74          | 2.13            |  |  |
|                                             | 67 (19.4)        | 20.85          | 14.34           | 1.06                                        | 19.83           | 13.95          | 13.55           | 1.39           | 17.60           | 13.12          | 16.38           | 15.07          | 2.14            |  |  |
|                                             | 72 (22.2)        | 23.30          | 11.62           | 1.07                                        | 22.18           | 11.24          | 10.83           | 1.40           | 19.75           | 10.41          | 18.40           | 16.96          | 2.15            |  |  |

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model   |
|----------------------|-----------------|-------|----------------|-------|-----------------|
| CSPH*2412A**         | 0.98            | 1.02  | 0.98           | 1.01  | 58HDV040--12    |
| CSPH*3012A**         | 0.99            | 1.02  | 0.98           | 1.00  | 58HDV040--12    |
| CSPH*3612A**         | 1.02            | 1.02  | 1.00           | 1.00  | 58HDV040--12    |
| CAP*3619A**          | 1.01            | 1.02  | 1.00           | 1.01  | 58HDV060--12    |
| CAP*3619A**          | 0.99            | 1.01  | 1.00           | 1.01  | 58HDV060--12    |
| CNPV*3017A**         | 1.00            | 1.02  | 1.00           | 1.01  | 58HDV060--12    |
| CNPV*3617A**         | 1.00            | 1.02  | 1.00           | 1.01  | 58HDV060--12    |
| CSPH*2412A**         | 0.99            | 1.02  | 0.99           | 1.02  | 58HDV060--12    |
| CSPH*3012A**         | 1.00            | 1.02  | 0.99           | 1.01  | 58HDV060--12    |
| CSPH*3612A**         | 1.02            | 1.02  | 1.02           | 1.02  | 58HDV060--12    |
| CAP*2417A**          | 1.00            | 0.99  | 1.00           | 0.99  | 58ME(B C)060-12 |
| CAP*3014A**          | 1.00            | 0.99  | 0.99           | 0.98  | 58ME(B C)060-12 |
| CAP*3017A**          | 1.01            | 0.99  | 1.01           | 0.99  | 58ME(B C)060-12 |
| CAP*3614A**          | 1.01            | 0.99  | 1.01           | 0.98  | 58ME(B C)060-12 |
| CAP*3617A**          | 1.02            | 0.99  | 1.01           | 0.99  | 58ME(B C)060-12 |
| CAP*3621A**          | 1.02            | 0.99  | 1.02           | 0.99  | 58ME(B C)060-12 |
| CNPV*2417A**         | 0.99            | 0.99  | 0.99           | 0.98  | 58ME(B C)060-12 |
| CNPV*2414A**         | 0.99            | 0.99  | 0.99           | 0.98  | 58ME(B C)060-12 |
| CNPV*3017A**         | 1.00            | 0.99  | 1.01           | 0.99  | 58ME(B C)060-12 |
| CNPV*3617A**         | 1.01            | 0.99  | 1.01           | 0.99  | 58ME(B C)060-12 |
| CSPH*2412A**         | 1.04            | 0.99  | 1.05           | 0.99  | 58ME(B C)060-12 |
| CSPH*2412A**         | 1.00            | 1.00  | 0.98           | 0.98  | 58ME(B C)060-12 |
| CSPH*3012A**         | 1.01            | 0.99  | 1.00           | 0.98  | 58ME(B C)060-12 |
| CSPH*3612A**         | 1.03            | 0.99  | 1.03           | 0.99  | 58ME(B C)060-12 |
| CAP*2417A**          | 1.00            | 0.99  | 1.01           | 1.00  | 58ME040-12      |
| CAP*3014A**          | 1.01            | 0.99  | 1.01           | 1.00  | 58ME040-12      |
| CAP*3017A**          | 1.01            | 0.99  | 1.01           | 0.99  | 58ME040-12      |
| CAP*3614A**          | 1.01            | 0.89  | 1.01           | 0.99  | 58ME040-12      |
| CAP*3617A**          | 1.01            | 0.99  | 1.02           | 0.99  | 58ME040-12      |
| CNPV*2417A**         | 0.99            | 0.99  | 1.00           | 0.99  | 58ME040-12      |
| CNPV*2414A**         | 0.99            | 0.99  | 1.01           | 0.99  | 58ME040-12      |
| CNPV*2417A**         | 0.99            | 0.99  | 1.00           | 0.99  | 58ME040-12      |
| CNPV*3014A**         | 0.99            | 0.99  | 1.00           | 0.99  | 58ME040-12      |
| CNPV*3621A**         | 1.01            | 0.99  | 1.02           | 1.00  | 58ME040-12      |
| CSPH*2412A**         | 1.01            | 0.99  | 1.00           | 0.99  | 58ME040-12      |
| CSPH*3012A**         | 1.01            | 0.99  | 1.01           | 0.99  | 58ME040-12      |
| CSPH*3612A**         | 1.02            | 0.99  | 1.04           | 1.00  | 58ME040-12      |
| CAP*2417A**          | 0.98            | 0.98  | 0.98           | 0.99  | 58MV(B C)060-14 |
| CAP*3017A**          | 0.99            | 0.98  | 0.98           | 0.98  | 58MV(B C)060-14 |
| CAP*3617A**          | 1.00            | 0.99  | 0.99           | 0.99  | 58MV(B C)060-14 |
| CNPV*2417A**         | 0.98            | 0.99  | 0.98           | 0.99  | 58MV(B C)060-14 |
| CNPV*3017A**         | 0.99            | 0.98  | 0.98           | 0.98  | 58MV(B C)060-14 |
| CNPV*3617A**         | 0.99            | 0.98  | 0.98           | 0.98  | 58MV(B C)060-14 |
| CNPV*2417A**         | 1.00            | 0.99  | 1.01           | 0.99  | 58MV(B C)060-14 |
| CNPV*3017A**         | 0.99            | 0.98  | 0.98           | 0.98  | 58MV(B C)060-14 |
| CNPV*3717A**         | 1.02            | 0.99  | 1.02           | 0.98  | 58MV(B C)060-14 |
| CSPH*2412A**         | 1.00            | 1.01  | 0.99           | 1.00  | 58MV(B C)060-14 |

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

See notes on page 28

DETAILED COOLING CAPACITIES# (CONTINUED)

| EVAPORATOR AIR                                              |                  |                         | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |                       |                         |         |                       |                         |       |                       |                         |            |                       |       |       |      |
|-------------------------------------------------------------|------------------|-------------------------|---------------------------------------------|-----------------------|-------------------------|---------|-----------------------|-------------------------|-------|-----------------------|-------------------------|------------|-----------------------|-------|-------|------|
| CFM                                                         | EWB<br>° F (° C) | 75 (23.9)               |                                             | 85 (29.4)             |                         | 95 (35) |                       | 105 (40.6)              |       | 115 (46.1)            |                         | 125 (51.7) |                       |       |       |      |
|                                                             |                  | Capacity MBTuh<br>Total | Sens†                                       | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens†   | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens† | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens†      | Total<br>Sys.<br>KW** |       |       |      |
| 900                                                         | 57 (13.9)        | 33.33                   | 33.33                                       | 2.24                  | 32.15                   | 32.15   | 30.88                 | 2.70                    | 29.56 | 29.56                 | 28.14                   | 28.14      | 3.26                  | 26.61 | 26.61 | 3.59 |
|                                                             | 62 (16.7)        | 35.31                   | 29.54                                       | 2.26                  | 33.74                   | 28.47   | 27.39                 | 2.72                    | 30.37 | 26.30                 | 29.57                   | 25.20      | 3.27                  | 26.70 | 26.52 | 3.59 |
|                                                             | 63 (17.2)††      | 36.04                   | 24.41                                       | 2.26                  | 34.43                   | 23.39   | 23.37                 | 2.72                    | 30.96 | 21.34                 | 29.09                   | 20.31      | 3.28                  | 27.10 | 19.26 | 3.60 |
|                                                             | 67 (19.4)        | 38.95                   | 25.33                                       | 2.29                  | 37.22                   | 24.31   | 22.37                 | 2.75                    | 33.52 | 22.24                 | 31.52                   | 21.20      | 3.31                  | 29.38 | 20.15 | 3.63 |
|                                                             | 72 (22.2)        | 42.96                   | 21.05                                       | 2.34                  | 41.08                   | 20.07   | 19.10                 | 2.80                    | 37.05 | 18.12                 | 34.86                   | 17.13      | 3.35                  | 32.53 | 16.13 | 3.68 |
| 1090                                                        | 57 (13.9)        | 35.76                   | 35.76                                       | 2.29                  | 34.44                   | 34.44   | 33.04                 | 2.75                    | 31.56 | 31.56                 | 29.98                   | 29.98      | 3.31                  | 28.28 | 28.28 | 3.64 |
|                                                             | 62 (16.7)        | 36.83                   | 32.85                                       | 2.30                  | 35.11                   | 31.71   | 30.55                 | 2.76                    | 31.63 | 31.49                 | 30.03                   | 30.03      | 3.32                  | 28.33 | 28.33 | 3.64 |
|                                                             | 63 (17.2)††      | 37.44                   | 26.68                                       | 2.30                  | 35.70                   | 25.61   | 24.55                 | 2.76                    | 31.96 | 23.46                 | 30.00                   | 22.39      | 3.32                  | 27.89 | 21.29 | 3.64 |
|                                                             | 67 (19.4)        | 40.41                   | 27.76                                       | 2.34                  | 38.54                   | 26.68   | 25.60                 | 2.79                    | 34.57 | 24.52                 | 32.32                   | 23.39      | 3.34                  | 30.19 | 22.33 | 3.67 |
|                                                             | 72 (22.2)        | 44.50                   | 22.59                                       | 2.38                  | 42.46                   | 21.58   | 20.57                 | 2.84                    | 38.15 | 19.55                 | 35.82                   | 18.52      | 3.39                  | 33.35 | 17.49 | 3.72 |
| 1200                                                        | 57 (13.9)        | 36.91                   | 36.91                                       | 2.32                  | 35.51                   | 35.51   | 34.05                 | 2.79                    | 32.47 | 32.47                 | 30.83                   | 30.83      | 3.35                  | 29.05 | 29.05 | 3.68 |
|                                                             | 62 (16.7)        | 37.46                   | 34.64                                       | 2.33                  | 35.76                   | 33.44   | 34.08                 | 2.79                    | 32.51 | 32.51                 | 30.88                   | 30.88      | 3.35                  | 29.09 | 29.09 | 3.68 |
|                                                             | 63 (17.2)††      | 38.02                   | 27.90                                       | 2.33                  | 36.23                   | 26.81   | 25.72                 | 2.79                    | 32.37 | 24.61                 | 30.37                   | 23.52      | 3.34                  | 28.21 | 22.39 | 3.66 |
|                                                             | 67 (19.4)        | 41.01                   | 29.06                                       | 2.37                  | 39.08                   | 27.96   | 26.86                 | 2.82                    | 35.00 | 25.76                 | 32.82                   | 24.64      | 3.37                  | 30.51 | 23.52 | 3.70 |
|                                                             | 72 (22.2)        | 45.14                   | 23.41                                       | 2.41                  | 43.08                   | 22.39   | 21.35                 | 2.87                    | 38.60 | 20.31                 | 36.21                   | 19.27      | 3.42                  | 33.67 | 18.21 | 3.75 |
| 1350                                                        | 57 (13.9)        | 38.32                   | 38.32                                       | 2.35                  | 36.83                   | 36.83   | 35.27                 | 2.81                    | 33.62 | 33.62                 | 31.85                   | 31.85      | 3.37                  | 29.99 | 29.99 | 3.70 |
|                                                             | 62 (16.7)        | 38.43                   | 38.13                                       | 2.35                  | 36.88                   | 36.88   | 35.32                 | 2.81                    | 33.66 | 33.66                 | 31.88                   | 31.88      | 3.37                  | 30.03 | 30.03 | 3.70 |
|                                                             | 63 (17.2)††      | 38.73                   | 29.56                                       | 2.35                  | 36.87                   | 28.44   | 27.32                 | 2.81                    | 32.94 | 26.19                 | 30.84                   | 25.05      | 3.36                  | 28.64 | 23.89 | 3.68 |
|                                                             | 67 (19.4)        | 41.73                   | 30.84                                       | 2.38                  | 39.74                   | 29.71   | 28.58                 | 2.84                    | 35.54 | 27.44                 | 33.29                   | 26.29      | 3.39                  | 30.89 | 25.11 | 3.71 |
|                                                             | 72 (22.2)        | 45.89                   | 24.52                                       | 2.43                  | 43.73                   | 23.47   | 22.42                 | 2.89                    | 39.13 | 21.36                 | 36.66                   | 20.29      | 3.44                  | 34.06 | 19.21 | 3.76 |
| CONDENSER ENTERING AIR TEMPERATURES °F (°C)                 |                  |                         |                                             |                       |                         |         |                       |                         |       |                       |                         |            |                       |       |       |      |
| 24AP4736 HIGH Outdoor Section With CNPVP4821 Indoor Section |                  |                         |                                             |                       |                         |         |                       |                         |       |                       |                         |            |                       |       |       |      |
| CFM                                                         | EWB<br>° F (° C) | 75 (23.9)               |                                             | 85 (29.4)             |                         | 95 (35) |                       | 105 (40.6)              |       | 115 (46.1)            |                         | 125 (51.7) |                       |       |       |      |
|                                                             |                  | Capacity MBTuh<br>Total | Sens†                                       | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens†   | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens† | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens†      | Total<br>Sys.<br>KW** |       |       |      |
| 700                                                         | 57 (13.9)        | 23.87                   | 23.87                                       | 1.49                  | 22.84                   | 22.84   | 21.77                 | 1.86                    | 20.65 | 20.65                 | 19.47                   | 19.47      | 2.34                  | 18.23 | 18.23 | 2.64 |
|                                                             | 62 (16.7)        | 24.93                   | 19.49                                       | 1.49                  | 23.58                   | 18.94   | 22.19                 | 1.86                    | 20.78 | 17.80                 | 19.51                   | 19.51      | 2.34                  | 18.26 | 18.26 | 2.64 |
|                                                             | 63 (17.2)††      | 25.49                   | 15.95                                       | 1.48                  | 24.11                   | 15.40   | 22.67                 | 1.86                    | 21.19 | 14.27                 | 19.65                   | 13.69      | 2.34                  | 18.05 | 13.09 | 2.64 |
|                                                             | 67 (19.4)        | 27.75                   | 16.65                                       | 1.47                  | 26.25                   | 16.10   | 24.71                 | 1.84                    | 23.11 | 14.97                 | 21.47                   | 14.39      | 2.31                  | 19.75 | 13.79 | 2.61 |
|                                                             | 72 (22.2)        | 30.87                   | 13.76                                       | 1.46                  | 29.23                   | 13.21   | 27.54                 | 1.82                    | 25.80 | 12.08                 | 24.00                   | 11.50      | 2.28                  | 22.12 | 10.91 | 2.57 |
| 840                                                         | 57 (13.9)        | 25.59                   | 25.59                                       | 1.51                  | 24.45                   | 24.45   | 23.26                 | 1.87                    | 22.01 | 22.01                 | 20.71                   | 20.71      | 2.34                  | 19.34 | 19.34 | 2.64 |
|                                                             | 62 (16.7)        | 25.95                   | 21.71                                       | 1.50                  | 24.55                   | 24.32   | 23.30                 | 1.87                    | 22.05 | 22.05                 | 20.75                   | 20.75      | 2.34                  | 19.37 | 19.37 | 2.64 |
|                                                             | 63 (17.2)††      | 26.45                   | 17.47                                       | 1.50                  | 24.95                   | 16.90   | 23.42                 | 1.87                    | 21.84 | 15.73                 | 20.22                   | 15.13      | 2.35                  | 18.54 | 14.52 | 2.66 |
|                                                             | 67 (19.4)        | 28.75                   | 18.28                                       | 1.49                  | 27.14                   | 17.71   | 25.49                 | 1.86                    | 23.80 | 16.54                 | 22.06                   | 15.94      | 2.33                  | 20.26 | 15.33 | 2.62 |
|                                                             | 72 (22.2)        | 31.95                   | 14.80                                       | 1.48                  | 30.19                   | 14.23   | 28.38                 | 1.84                    | 26.52 | 13.06                 | 24.61                   | 12.47      | 2.30                  | 22.64 | 11.87 | 2.59 |
| 960                                                         | 57 (13.9)        | 26.80                   | 26.80                                       | 1.52                  | 25.57                   | 25.57   | 24.29                 | 1.88                    | 22.95 | 22.95                 | 21.56                   | 21.56      | 2.35                  | 20.10 | 20.10 | 2.64 |
|                                                             | 62 (16.7)        | 26.85                   | 26.85                                       | 1.52                  | 25.61                   | 25.61   | 24.33                 | 1.88                    | 22.99 | 22.99                 | 21.60                   | 21.60      | 2.35                  | 20.13 | 20.13 | 2.64 |
|                                                             | 63 (17.2)††      | 27.05                   | 18.71                                       | 1.52                  | 25.49                   | 18.13   | 23.89                 | 1.89                    | 22.26 | 16.93                 | 20.59                   | 16.32      | 2.37                  | 18.86 | 15.68 | 2.67 |
|                                                             | 67 (19.4)        | 29.37                   | 19.61                                       | 1.51                  | 27.70                   | 19.02   | 25.98                 | 1.87                    | 24.23 | 17.83                 | 22.43                   | 17.22      | 2.34                  | 20.58 | 16.59 | 2.64 |
|                                                             | 72 (22.2)        | 32.61                   | 15.63                                       | 1.50                  | 30.77                   | 15.05   | 28.89                 | 1.85                    | 26.96 | 13.86                 | 24.98                   | 13.26      | 2.31                  | 22.94 | 12.65 | 2.60 |
| 1020                                                        | 57 (13.9)        | 27.33                   | 27.33                                       | 1.53                  | 26.06                   | 26.06   | 24.74                 | 1.89                    | 23.37 | 23.37                 | 21.93                   | 21.93      | 2.36                  | 20.43 | 20.43 | 2.65 |
|                                                             | 62 (16.7)        | 27.38                   | 27.38                                       | 1.53                  | 26.10                   | 26.10   | 24.77                 | 1.89                    | 23.40 | 23.40                 | 21.96                   | 21.96      | 2.36                  | 20.46 | 20.46 | 2.65 |
|                                                             | 63 (17.2)††      | 27.30                   | 19.31                                       | 1.53                  | 25.71                   | 18.72   | 24.09                 | 1.90                    | 22.44 | 17.51                 | 20.74                   | 16.88      | 2.37                  | 19.02 | 16.22 | 2.67 |
|                                                             | 67 (19.4)        | 29.63                   | 20.25                                       | 1.52                  | 27.93                   | 19.66   | 26.19                 | 1.88                    | 24.41 | 18.46                 | 22.59                   | 17.84      | 2.35                  | 20.73 | 17.19 | 2.64 |
|                                                             | 72 (22.2)        | 32.88                   | 16.03                                       | 1.51                  | 31.00                   | 15.44   | 29.09                 | 1.86                    | 27.13 | 14.25                 | 25.13                   | 13.64      | 2.32                  | 23.05 | 13.02 | 2.61 |

## DETAILED COOLING CAPACITIES# (CONTINUED)

24APA736 Outdoor Section With CNPVP4821 Indoor Section

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model   |
|----------------------|-----------------|-------|----------------|-------|-----------------|
| *CNPV*4821A**        | 1.00            | 1.00  | 1.00           | 1.00  | 58PH*090-16     |
| CAP**3614A**         | 0.97            | 1.08  | 0.95           | 1.13  |                 |
| CAP**3617A**         | 0.98            | 1.08  | 0.95           | 1.13  |                 |
| CAP**3619A**         | 0.98            | 1.08  | 0.95           | 1.13  |                 |
| CAP**3621A**         | 0.98            | 1.08  | 0.95           | 1.13  |                 |
| CAP**4221A**         | 0.99            | 1.08  | 0.96           | 1.13  |                 |
| CAP**4224A**         | 0.99            | 1.08  | 0.96           | 1.13  |                 |
| CAP**4817A**         | 1.02            | 1.09  | 0.98           | 1.13  |                 |
| CAP**4821A**         | 1.01            | 1.09  | 0.97           | 1.13  |                 |
| CAP**4823A**         | 1.01            | 1.09  | 0.97           | 1.13  |                 |
| CAP**4824A**         | 1.01            | 1.09  | 0.97           | 1.13  |                 |
| CNPV*3617A**         | 0.98            | 1.08  | 0.95           | 1.13  |                 |
| CNPV*3621A**         | 0.98            | 1.08  | 0.95           | 1.13  |                 |
| CNPV*4217A**         | 1.00            | 1.08  | 0.97           | 1.12  |                 |
| CNPV*4221A**         | 0.99            | 1.09  | 0.96           | 1.12  |                 |
| CNPV*4821A**         | 1.01            | 1.09  | 0.97           | 1.12  |                 |
| CNPV*4824A**         | 1.01            | 1.09  | 0.97           | 1.12  |                 |
| CSPH*3612A**         | 1.01            | 1.08  | 0.97           | 1.13  |                 |
| CSPH*4212A**         | 1.01            | 1.09  | 0.98           | 1.13  |                 |
| CSPH*4812A**         | 1.02            | 1.08  | 0.98           | 1.12  |                 |
| FE4AN(B,F)003        | 1.01            | 1.01  | 0.98           | 0.97  |                 |
| FE4AN(B,F)005        | 1.05            | 1.01  | 1.01           | 0.97  |                 |
| FE4AN(B,F)006        | 1.07            | 1.01  | 1.03           | 0.96  |                 |
| FE5ANB004            | 1.07            | 1.01  | 1.03           | 0.96  |                 |
| FV4CN(B,F)003        | 1.04            | 1.01  | 1.01           | 0.96  |                 |
| FV4CN(B,F)005        | 1.04            | 1.01  | 1.00           | 0.95  |                 |
| FV4CNB006            | 1.06            | 1.00  | 1.01           | 0.95  |                 |
| FV4CNF002            | 0.99            | 1.03  | 0.97           | 0.99  |                 |
| CAP**3614A**         | 0.99            | 1.04  | 0.96           | 1.00  | 58CV(A,X)070-12 |
| CNPV*4221A**         | 1.00            | 1.03  | 0.97           | 1.00  | 58CV(A,X)070-12 |
| CSPH*3612A**         | 1.01            | 1.03  | 0.98           | 1.00  | 58CV(A,X)070-12 |
| CSPH*4212A**         | 1.02            | 1.03  | 0.99           | 1.00  | 58CV(A,X)070-12 |
| CSPH*4812A**         | 1.02            | 1.03  | 0.99           | 1.00  | 58CV(A,X)070-12 |
| CAP**3617A**         | 0.99            | 1.01  | 0.97           | 0.98  | 58CV(A,X)090-16 |
| CAP**4817A**         | 1.03            | 1.02  | 0.99           | 0.98  | 58CV(A,X)090-16 |
| CNPV*3617A**         | 0.99            | 1.01  | 0.96           | 0.98  | 58CV(A,X)090-16 |
| CNPV*4221A**         | 1.01            | 1.01  | 0.97           | 0.98  | 58CV(A,X)090-16 |
| CNPV*4821A**         | 1.02            | 1.01  | 0.99           | 0.97  | 58CV(A,X)090-16 |
| CNPV*3617A**         | 0.99            | 1.01  | 0.96           | 0.98  | 58CV(A,X)090-16 |
| CNPV*3717A**         | 1.03            | 1.02  | 1.00           | 0.98  | 58CV(A,X)090-16 |
| CNPV*4217A**         | 1.01            | 1.02  | 0.98           | 0.98  | 58CV(A,X)090-16 |
| CNPV*421A**          | 1.00            | 1.02  | 0.97           | 0.97  | 58CV(A,X)090-16 |
| CNPV*4821A**         | 1.02            | 1.01  | 0.99           | 0.98  | 58CV(A,X)090-16 |
| CSPH*3612A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58CV(A,X)090-16 |
| CSPH*4212A**         | 1.02            | 1.01  | 0.99           | 0.97  | 58CV(A,X)090-16 |
| CSPH*4812A**         | 1.03            | 1.02  | 0.99           | 0.97  | 58CV(A,X)090-16 |
| CAP**3621A**         | 0.99            | 1.01  | 0.97           | 0.97  | 58CV(A,X)110-20 |
| CAP**4221A**         | 1.01            | 1.01  | 0.97           | 0.98  | 58CV(A,X)110-20 |
| CAP**4821A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58CV(A,X)110-20 |
| CNPV*4221A**         | 1.01            | 1.01  | 0.97           | 0.98  | 58CV(A,X)110-20 |
| CNPV*4821A**         | 1.02            | 1.01  | 0.99           | 0.97  | 58CV(A,X)110-20 |

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model   |
|----------------------|-----------------|-------|----------------|-------|-----------------|
| CNPV*3621A**         | 0.99            | 1.02  | 0.97           | 0.99  | 58CV(A,X)110-20 |
| CNPV*4821A**         | 1.02            | 1.01  | 0.99           | 0.97  | 58CV(A,X)110-20 |
| CSPH*3612A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58CV(A,X)110-20 |
| CSPH*4212A**         | 1.03            | 1.02  | 0.99           | 0.98  | 58CV(A,X)110-20 |
| CSPH*4812A**         | 1.03            | 1.02  | 0.99           | 0.98  | 58CV(A,X)110-20 |
| CAP*4224A**          | 1.01            | 1.01  | 0.97           | 0.97  | 58CV(A,X)135-22 |
| CAP*4824A**          | 1.02            | 1.01  | 0.99           | 0.97  | 58CV(A,X)135-22 |
| CNPH*4821A**         | 1.02            | 1.01  | 0.99           | 0.96  | 58CV(A,X)135-22 |
| CNPV*4824A**         | 1.02            | 1.01  | 0.99           | 0.98  | 58CV(A,X)135-22 |
| CSPH*3612A**         | 1.02            | 1.01  | 0.99           | 0.98  | 58CV(A,X)135-22 |
| CSPH*4212A**         | 1.02            | 1.01  | 0.99           | 0.98  | 58CV(A,X)135-22 |
| CAP*4824A**          | 1.03            | 1.00  | 0.99           | 0.96  | 58CV(A,X)155-22 |
| CNPV*4824A**         | 1.03            | 1.00  | 0.99           | 0.96  | 58CV(A,X)155-22 |
| CSPH*4212A**         | 1.03            | 1.00  | 0.99           | 0.97  | 58CV(A,X)155-22 |
| CAP*3619A**          | 0.99            | 1.07  | 0.96           | 1.03  | 58HDV040-12     |
| CAP*3619A**          | 0.97            | 1.05  | 0.93           | 0.96  | 58HDV040-12     |
| CAP*4823A**          | 1.01            | 1.08  | 0.98           | 1.02  | 58HDV040-12     |
| CAP*4823A**          | 1.00            | 1.04  | 0.97           | 0.97  | 58HDV040-12     |
| CAP*3619A**          | 0.99            | 1.06  | 0.96           | 1.00  | 58HDV080-12     |
| CAP*3619A**          | 0.97            | 1.01  | 0.93           | 0.93  | 58HDV080-12     |
| CAP*4823A**          | 1.02            | 1.06  | 0.98           | 1.00  | 58HDV080-12     |
| CAP*4823A**          | 1.00            | 1.02  | 0.97           | 0.94  | 58HDV080-12     |
| CSPH*3612A**         | 1.02            | 1.06  | 0.97           | 1.00  | 58HDV080-12     |
| CSPH*4212A**         | 1.03            | 1.07  | 0.98           | 0.99  | 58HDV080-12     |
| CSPH*4812A**         | 1.03            | 1.07  | 0.10           | 0.10  | 58HDV080-12     |
| CAP*4823A**          | 1.04            | 1.06  | 1.01           | 1.01  | 58HDV080-20     |
| CAP*4823A**          | 1.03            | 1.03  | 1.00           | 0.96  | 58HDV080-20     |
| CAP*6025A**          | 1.06            | 1.06  | 1.01           | 1.00  | 58HDV080-20     |
| CAP*4224A**          | 1.02            | 1.03  | 0.99           | 0.99  | 58HDV100-20     |
| CAP*6025A**          | 1.03            | 1.03  | 1.01           | 0.99  | 58HDV100-20     |
| CAP*3617A**          | 1.00            | 1.02  | 0.99           | 1.01  | 58ME(B,C)060-12 |
| CAP*4817A**          | 1.04            | 1.04  | 1.02           | 1.01  | 58ME(B,C)080-12 |
| CNPV*3617A**         | 0.99            | 1.03  | 0.99           | 1.02  | 58ME(B,C)080-12 |
| CNPV*4821A**         | 1.03            | 1.03  | 0.99           | 0.97  | 58ME(B,C)080-12 |
| CSPH*3612A**         | 1.03            | 1.03  | 0.99           | 0.97  | 58ME(B,C)080-12 |
| CNPV*4821A**         | 1.03            | 1.03  | 0.99           | 0.97  | 58ME(B,C)080-12 |
| CSPH*4212A**         | 1.03            | 1.03  | 1.02           | 1.01  | 58ME(B,C)080-12 |
| CSPH*4812A**         | 1.04            | 1.03  | 0.99           | 0.97  | 58ME(B,C)080-12 |
| CAP*3617A**          | 1.00            | 1.02  | 0.99           | 1.01  | 58ME(B,C)080-12 |
| CAP*4817A**          | 1.03            | 1.03  | 1.01           | 1.00  | 58ME(B,C)080-12 |
| CNPV*4821A**         | 0.99            | 1.02  | 0.98           | 1.01  | 58ME(B,C)080-12 |
| CNPV*4221A**         | 1.01            | 1.03  | 0.99           | 1.01  | 58ME(B,C)080-12 |
| CNPV*4821A**         | 1.03            | 1.03  | 1.01           | 1.00  | 58ME(B,C)080-12 |
| CNPV*3617A**         | 0.99            | 1.02  | 0.98           | 1.01  | 58ME(B,C)080-12 |
| CNPV*3717A**         | 1.04            | 1.02  | 1.02           | 1.00  | 58ME(B,C)080-12 |

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model   |
|----------------------|-----------------|-------|----------------|-------|-----------------|
| CNPV*4217A**         | 1.02            | 1.02  | 1.00           | 1.01  | 58ME(B,C)080-12 |
| CSPH*3612A**         | 1.02            | 1.02  | 1.01           | 1.01  | 58ME(B,C)080-12 |
| CSPH*4212A**         | 1.03            | 1.03  | 0.99           | 0.97  | 58ME(B,C)080-12 |
| CSPH*4812A**         | 1.04            | 1.03  | 1.02           | 1.01  | 58ME(B,C)080-12 |
| CAP**3617A**         | 1.00            | 1.02  | 0.99           | 1.02  | 58ME(B,C)080-16 |
| CAP**4817A**         | 1.04            | 1.04  | 1.02           | 1.03  | 58ME(B,C)080-16 |
| CNPH*3617A**         | 0.99            | 1.03  | 0.99           | 1.03  | 58ME(B,C)080-16 |
| CNPH*4221A**         | 1.01            | 1.03  | 1.00           | 1.03  | 58ME(B,C)080-16 |
| CNPH*4821A**         | 1.03            | 1.03  | 1.02           | 1.02  | 58ME(B,C)080-16 |
| CNPV*3617A**         | 0.99            | 1.03  | 0.99           | 1.03  | 58ME(B,C)080-16 |
| CNPV*3717A**         | 1.04            | 1.03  | 1.01           | 0.99  | 58ME(B,C)080-14 |
| CNPV*4217A**         | 1.02            | 1.03  | 0.99           | 0.99  | 58ME(B,C)080-14 |
| CAP**4821A**         | 1.02            | 1.03  | 0.99           | 0.99  | 58ME(B,C)080-14 |
| CNPH*3617A**         | 0.99            | 1.04  | 0.97           | 1.01  | 58ME(B,C)080-14 |
| CNPH*4221A**         | 1.01            | 1.03  | 0.97           | 1.01  | 58ME(B,C)080-14 |
| CNPH*4821A**         | 1.02            | 1.03  | 0.99           | 0.99  | 58ME(B,C)080-14 |
| CNPV*3621A**         | 0.99            | 1.04  | 0.97           | 1.01  | 58ME(B,C)080-14 |
| CNPV*4221A**         | 1.01            | 1.04  | 0.98           | 1.01  | 58ME(B,C)080-14 |
| CNPV*4821A**         | 1.02            | 1.03  | 0.99           | 0.98  | 58ME(B,C)080-14 |
| CNPV*4824A**         | 1.02            | 1.03  | 0.99           | 0.98  | 58ME(B,C)080-14 |
| CSPH*4212A**         | 1.03            | 1.03  | 0.99           | 1.00  | 58ME(B,C)080-14 |
| CSPH*4812A**         | 1.03            | 1.04  | 0.99           | 0.99  | 58ME(B,C)080-14 |
| CAP**3621A**         | 0.99            | 1.03  | 0.97           | 0.99  | 58ME(B,C)080-20 |
| CAP**4821A**         | 1.00            | 1.02  | 0.97           | 0.99  | 58ME(B,C)080-20 |
| CAP**4821A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58ME(B,C)080-20 |
| CNPH*3617A**         | 0.99            | 1.03  | 0.96           | 0.99  | 58ME(B,C)080-20 |
| CNPH*4221A**         | 1.00            | 1.02  | 0.97           | 0.99  | 58ME(B,C)080-20 |
| CNPH*4812A**         | 1.02            | 1.03  | 0.99           | 0.98  | 58ME(B,C)080-20 |
| CNPV*3621A**         | 0.99            | 1.03  | 0.96           | 0.99  | 58ME(B,C)080-20 |
| CNPV*4221A**         | 1.00            | 1.02  | 0.97           | 0.99  | 58ME(B,C)080-20 |
| CNPV*4821A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58ME(B,C)080-20 |
| CNPV*4824A**         | 1.02            | 1.02  | 0.99           | 0.99  | 58ME(B,C)080-20 |
| CSPH*3612A**         | 1.02            | 1.02  | 0.99           | 0.99  | 58ME(B,C)080-20 |
| CSPH*4212A**         | 1.02            | 1.02  | 0.99           | 0.99  | 58ME(B,C)080-20 |
| CSPH*4812A**         | 1.03            | 1.03  | 0.99           | 0.99  | 58ME(B,C)080-20 |
| CAP**3621A**         | 1.00            | 1.02  | 0.97           | 0.99  | 58ME(B,C)100-20 |
| CAP**4221A**         | 1.01            | 1.02  | 0.97           | 0.99  | 58ME(B,C)100-20 |
| CAP**4821A**         | 1.02            | 1.02  | 0.99           | 0.99  | 58ME(B,C)100-20 |
| CNPH*3617A**         | 0.99            | 1.03  | 0.97           | 1.01  | 58ME(B,C)100-20 |
| CNPH*4221A**         | 1.01            | 1.02  | 0.97           | 1.00  | 58ME(B,C)100-20 |
| CNPH*4821A**         | 1.02            | 1.02  | 0.99           | 0.99  | 58ME(B,C)100-20 |
| CNPV*3621A**         | 0.99            | 1.03  | 0.97           | 1.01  | 58ME(B,C)100-20 |
| CNPV*4221A**         | 1.01            | 1.02  | 0.97           | 1.00  | 58ME(B,C)100-20 |
| CNPV*4821A**         | 1.02            | 1.02  | 0.99           | 0.99  | 58ME(B,C)100-20 |

## DETAILED COOLING CAPACITIES# (CONTINUED)

24APA736 Outdoor Section With CNPVP4821 Indoor Section

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model   |
|----------------------|-----------------|-------|----------------|-------|-----------------|
| CNPV*4824A**         | 1.02            | 1.01  | 0.99           | 0.98  | 58MV(B.C)100-20 |
| CSPH*3612A**         | 1.02            | 1.03  | 0.99           | 1.00  | 58MV(B.C)100-20 |
| CSPH*4212A**         | 1.03            | 1.03  | 0.99           | 1.00  | 58MV(B.C)100-20 |
| CSPH*4812A**         | 1.03            | 1.03  | 1.00           | 1.00  | 58MV(B.C)100-20 |
| CAP**4224A**         | 1.01            | 1.01  | 0.97           | 0.97  | 58MV(B.C)120-20 |
| CAP**4824A**         | 1.02            | 1.01  | 0.99           | 0.97  | 58MV(B.C)120-20 |
| CNPV*3617A**         | 0.99            | 1.02  | 0.97           | 0.99  | 58MV(B.C)120-20 |
| CNPV*4824A**         | 1.02            | 1.01  | 0.99           | 0.97  | 58MV(B.C)120-20 |
| CNPV*4824A**         | 1.02            | 1.01  | 0.99           | 0.97  | 58MV(B.C)120-20 |
| CSPH*3612A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58MV(B.C)120-20 |
| CSPH*4212A**         | 1.02            | 1.01  | 0.99           | 0.98  | 58MV(B.C)120-20 |
| CSPH*4812A**         | 1.03            | 1.01  | 0.99           | 0.97  | 58MV(B.C)120-20 |
| CAP**3621A**         | 1.01            | 1.01  | 0.99           | 1.01  | 58PH*090-16     |
| CAP**4221A**         | 1.01            | 1.01  | 0.99           | 1.01  | 58PH*090-16     |
| CNPV*3617A**         | 0.99            | 1.02  | 0.98           | 1.02  | 58PH*090-16     |
| CNPV*4221A**         | 1.01            | 1.02  | 0.99           | 1.02  | 58PH*090-16     |
| CNPV*3621A**         | 1.00            | 1.02  | 0.98           | 1.02  | 58PH*090-16     |
| CSPH*3612A**         | 1.03            | 1.02  | 1.01           | 1.02  | 58PH*090-16     |
| CSPH*4212A**         | 1.03            | 1.02  | 1.01           | 1.02  | 58PH*090-16     |
| CSPH*4812A**         | 1.04            | 1.02  | 1.02           | 1.02  | 58PH*090-16     |
| CAP**3617A**         | 1.00            | 1.04  | 0.98           | 1.02  | 58VLR105-12     |
| CAP**3621A**         | 1.00            | 1.04  | 0.98           | 1.01  | 58VLR105-12     |
| CAP**4221A**         | 1.01            | 1.05  | 0.99           | 1.01  | 58VLR105-12     |
| CAP**4817A**         | 1.03            | 1.04  | 1.00           | 1.00  | 58VLR105-12     |
| CAP**4821A**         | 1.02            | 1.04  | 0.99           | 1.00  | 58VLR105-12     |
| CNPV*3617A**         | 0.99            | 1.04  | 0.97           | 1.02  | 58VLR105-12     |
| CNPV*3621A**         | 0.99            | 1.04  | 0.97           | 1.02  | 58VLR105-12     |
| CNPV*3717A**         | 1.04            | 1.04  | 1.01           | 1.01  | 58VLR105-12     |
| CNPV*4217A**         | 1.02            | 1.06  | 0.99           | 1.01  | 58VLR105-12     |
| CNPV*4221A**         | 1.01            | 1.04  | 0.99           | 1.02  | 58VLR105-12     |
| CNPV*4821A**         | 1.03            | 1.04  | 1.00           | 1.00  | 58VLR105-12     |
| CAP**3621A**         | 1.01            | 1.05  | 1.00           | 1.01  | 58VLR120-20     |
| CAP**4221A**         | 1.02            | 1.04  | 1.01           | 1.01  | 58VLR120-20     |
| CNPV*4221A**         | 1.02            | 1.05  | 1.01           | 1.02  | 58VLR120-20     |
| CNPV*4821A**         | 1.04            | 1.04  | 1.02           | 1.01  | 58VLR120-20     |
| CAP**3617A**         | 0.99            | 1.02  | 0.96           | 0.99  | 58VMR105-12     |
| CAP**3621A**         | 0.99            | 1.03  | 0.97           | 0.98  | 58VMR105-12     |
| CAP**4221A**         | 0.99            | 1.03  | 0.97           | 0.98  | 58VMR105-12     |
| CAP**4817A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58VMR105-12     |
| CAP**4821A**         | 1.01            | 1.03  | 0.98           | 0.98  | 58VMR105-12     |
| CNPV*3617A**         | 0.98            | 1.03  | 0.96           | 1.00  | 58VMR105-12     |
| CNPV*3621A**         | 0.98            | 1.02  | 0.96           | 1.00  | 58VMR105-12     |
| CNPV*3717A**         | 1.02            | 1.02  | 0.99           | 0.98  | 58VMR105-12     |
| CNPV*4217A**         | 1.01            | 1.03  | 0.98           | 0.99  | 58VMR105-12     |
| CNPV*4221A**         | 0.99            | 1.03  | 0.97           | 0.99  | 58VMR105-12     |
| CNPV*4821A**         | 1.01            | 1.02  | 0.99           | 0.98  | 58VMR105-12     |
| CAP**3621A**         | 1.01            | 1.05  | 0.99           | 1.03  | 58VMR120-20     |
| CAP**4221A**         | 1.02            | 1.04  | 1.00           | 1.03  | 58VMR120-20     |
| CNPV*4221A**         | 1.02            | 1.06  | 1.00           | 1.04  | 58VMR120-20     |

See notes on page 28

DETAILED COOLING CAPACITIES# (CONTINUED)

| EVAPORATOR AIR                                                             |                |                         | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |                         |              |                       |                         |         |                         |              |                       |                         |       |                         |              |                       |                         |       |       |            |  |
|----------------------------------------------------------------------------|----------------|-------------------------|---------------------------------------------|-------------------------|--------------|-----------------------|-------------------------|---------|-------------------------|--------------|-----------------------|-------------------------|-------|-------------------------|--------------|-----------------------|-------------------------|-------|-------|------------|--|
| CFM                                                                        | EWB<br>°F (°C) | 75 (23.9)               |                                             | 85 (29.4)               |              |                       |                         | 95 (35) |                         |              |                       | 105 (40.6)              |       |                         |              | 115 (46.1)            |                         |       |       | 125 (51.7) |  |
|                                                                            |                | Capacity MBTuh<br>Total | Sens†                                       | Capacity MBTuh<br>Total | Sys.<br>KW** | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens†   | Capacity MBTuh<br>Total | Sys.<br>KW** | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens† | Capacity MBTuh<br>Total | Sys.<br>KW** | Total<br>Sys.<br>KW** | Capacity MBTuh<br>Total | Sens† |       |            |  |
| 24APAZ48 HIGH Outdoor Section With CNPHP6124 INDOOR SECTION Indoor Section |                |                         |                                             |                         |              |                       |                         |         |                         |              |                       |                         |       |                         |              |                       |                         |       |       |            |  |
| 1100                                                                       | 57 (13.9)      | 44.11                   | 44.11                                       | 2.98                    | 3.26         | 42.88                 | 42.88                   | 3.26    | 41.49                   | 41.49        | 3.57                  | 39.91                   | 39.91 | 3.91                    | 38.10        | 38.10                 | 3.92                    | 36.02 | 36.02 | 4.68       |  |
|                                                                            | 62 (16.7)      | 47.19                   | 37.81                                       | 3.01                    | 3.29         | 45.48                 | 36.75                   | 3.29    | 43.59                   | 35.65        | 3.59                  | 41.47                   | 34.47 | 3.92                    | 39.11        | 33.21                 | 4.29                    | 36.46 | 31.85 | 4.69       |  |
|                                                                            | 63 (17.2)††    | 48.16                   | 31.42                                       | 3.01                    | 3.40         | 46.41                 | 30.39                   | 3.40    | 44.46                   | 29.30        | 3.60                  | 42.27                   | 28.15 | 3.93                    | 39.81        | 26.91                 | 4.29                    | 37.03 | 25.59 | 4.70       |  |
|                                                                            | 67 (19.4)      | 52.08                   | 32.59                                       | 3.05                    | 3.33         | 50.18                 | 31.55                   | 3.33    | 48.05                   | 30.44        | 3.64                  | 45.65                   | 29.25 | 3.97                    | 42.99        | 28.01                 | 4.33                    | 39.98 | 26.67 | 4.74       |  |
| 1225                                                                       | 57 (13.9)      | 57.49                   | 27.28                                       | 3.10                    | 3.38         | 55.36                 | 26.24                   | 3.38    | 52.80                   | 25.07        | 3.68                  | 50.34                   | 23.98 | 4.02                    | 47.37        | 22.74                 | 4.39                    | 44.05 | 21.42 | 4.79       |  |
|                                                                            | 62 (16.7)      | 45.88                   | 45.88                                       | 3.06                    | 3.35         | 44.56                 | 44.56                   | 3.35    | 43.06                   | 43.06        | 3.66                  | 41.36                   | 41.36 | 3.99                    | 39.42        | 39.42                 | 4.36                    | 37.19 | 37.19 | 4.77       |  |
|                                                                            | 63 (17.2)††    | 48.28                   | 39.97                                       | 3.09                    | 3.37         | 46.49                 | 38.89                   | 3.37    | 44.50                   | 37.75        | 3.67                  | 42.31                   | 36.53 | 4.00                    | 39.87        | 35.21                 | 4.37                    | 37.22 | 37.22 | 4.77       |  |
|                                                                            | 67 (19.4)      | 53.21                   | 34.17                                       | 3.13                    | 3.41         | 51.18                 | 33.08                   | 3.41    | 48.95                   | 31.95        | 3.71                  | 46.45                   | 30.74 | 4.05                    | 43.65        | 29.46                 | 4.41                    | 40.53 | 28.10 | 4.82       |  |
| 1400                                                                       | 57 (13.9)      | 58.71                   | 28.28                                       | 3.18                    | 3.46         | 56.43                 | 27.20                   | 3.46    | 53.95                   | 26.08        | 3.77                  | 51.17                   | 24.89 | 4.10                    | 48.08        | 23.63                 | 4.47                    | 44.63 | 22.29 | 4.87       |  |
|                                                                            | 62 (16.7)      | 48.10                   | 48.10                                       | 3.15                    | 3.43         | 46.66                 | 46.66                   | 3.43    | 45.03                   | 45.03        | 3.74                  | 43.17                   | 43.17 | 4.07                    | 41.07        | 41.07                 | 4.44                    | 38.67 | 38.67 | 4.85       |  |
|                                                                            | 63 (17.2)††    | 49.64                   | 42.97                                       | 3.16                    | 3.44         | 47.76                 | 41.83                   | 3.44    | 45.70                   | 40.63        | 3.75                  | 43.44                   | 39.31 | 4.08                    | 41.13        | 41.13                 | 4.44                    | 38.72 | 38.72 | 4.85       |  |
|                                                                            | 67 (19.4)      | 54.55                   | 36.35                                       | 3.21                    | 3.49         | 52.38                 | 35.23                   | 3.49    | 48.35                   | 32.69        | 3.75                  | 46.35                   | 31.47 | 4.08                    | 41.25        | 30.18                 | 4.44                    | 38.26 | 28.80 | 4.85       |  |
| 1600                                                                       | 57 (13.9)      | 60.12                   | 29.67                                       | 3.26                    | 3.54         | 57.73                 | 28.57                   | 3.54    | 55.08                   | 27.41        | 3.84                  | 52.04                   | 26.15 | 4.17                    | 48.93        | 24.93                 | 4.54                    | 45.33 | 23.53 | 4.94       |  |
|                                                                            | 62 (16.7)      | 50.24                   | 50.24                                       | 3.24                    | 3.52         | 48.67                 | 48.67                   | 3.52    | 46.90                   | 46.90        | 3.83                  | 44.88                   | 44.88 | 4.16                    | 42.63        | 42.63                 | 4.53                    | 40.04 | 40.04 | 4.94       |  |
|                                                                            | 63 (17.2)††    | 50.97                   | 46.17                                       | 3.25                    | 3.53         | 49.03                 | 44.96                   | 3.53    | 46.92                   | 46.93        | 3.83                  | 44.95                   | 44.95 | 4.17                    | 42.68        | 42.68                 | 4.53                    | 40.09 | 40.09 | 4.94       |  |
|                                                                            | 67 (19.4)      | 55.73                   | 38.71                                       | 3.29                    | 3.57         | 53.45                 | 37.55                   | 3.57    | 47.27                   | 34.82        | 3.83                  | 44.71                   | 33.58 | 4.16                    | 41.96        | 32.26                 | 4.52                    | 38.87 | 30.84 | 4.93       |  |
| 72 (22.2)                                                                  | 61.38          | 31.16                   | 3.34                                        | 3.62                    | 58.85        | 30.03                 | 3.62                    | 56.08   | 28.84                   | 3.92         | 53.02                 | 27.59                   | 4.26  | 49.66                   | 26.28        | 4.62                  | 45.93                   | 24.89 | 5.02  |            |  |

| EVAPORATOR AIR                                                            |                | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |       |                         |                    |                         |       |                         |                    |                         |       |                         |                    |
|---------------------------------------------------------------------------|----------------|---------------------------------------------|-------|-------------------------|--------------------|-------------------------|-------|-------------------------|--------------------|-------------------------|-------|-------------------------|--------------------|
| CFM                                                                       | EWB<br>°F (°C) | 75 (23.9)                                   |       | 85 (29.4)               |                    | 95 (35)                 |       | 105 (40.6)              |                    | 115 (46.1)              |       | 125 (51.7)              |                    |
|                                                                           |                | Capacity MBTuh<br>Total                     | Sens† | Capacity MBTuh<br>Total | Total Sys.<br>KW** | Capacity MBTuh<br>Total | Sens† | Capacity MBTuh<br>Total | Total Sys.<br>KW** | Capacity MBTuh<br>Total | Sens† | Capacity MBTuh<br>Total | Total Sys.<br>KW** |
| 24APAZ48 LOW Outdoor Section With CNPHP6124 INDOOR SECTION Indoor Section |                |                                             |       |                         |                    |                         |       |                         |                    |                         |       |                         |                    |
| 880                                                                       | 57 (13.9)      | 32.76                                       | 32.76 | 2.04                    | 2.30               | 31.62                   | 31.62 | 30.36                   | 2.59               | 28.98                   | 27.46 | 25.76                   | 3.28               |
|                                                                           | 62 (16.7)      | 34.58                                       | 28.44 | 2.04                    | 2.29               | 33.05                   | 27.76 | 27.03                   | 2.58               | 29.61                   | 27.89 | 25.81                   | 3.27               |
|                                                                           | 63 (17.2)††    | 35.34                                       | 23.42 | 2.03                    | 2.29               | 33.77                   | 22.73 | 22.00                   | 2.57               | 30.21                   | 28.19 | 26.00                   | 3.20               |
|                                                                           | 67 (19.4)      | 38.47                                       | 24.43 | 2.02                    | 2.27               | 36.75                   | 23.73 | 22.99                   | 2.55               | 32.88                   | 30.69 | 28.30                   | 3.23               |
| 1050                                                                      | 57 (13.9)      | 42.82                                       | 20.36 | 2.01                    | 2.25               | 36.84                   | 19.65 | 18.90                   | 2.53               | 30.60                   | 34.16 | 31.50                   | 3.19               |
|                                                                           | 62 (16.7)      | 35.07                                       | 35.07 | 2.06                    | 2.32               | 33.79                   | 32.38 | 32.38                   | 2.60               | 30.84                   | 29.15 | 27.27                   | 3.28               |
|                                                                           | 63 (17.2)††    | 35.99                                       | 31.46 | 2.06                    | 2.31               | 34.36                   | 30.73 | 28.95                   | 2.59               | 30.89                   | 29.19 | 27.31                   | 3.20               |
|                                                                           | 67 (19.4)      | 39.88                                       | 26.65 | 2.05                    | 2.29               | 38.02                   | 25.92 | 25.15                   | 2.57               | 33.87                   | 31.54 | 29.01                   | 3.25               |
| 1145                                                                      | 57 (13.9)      | 42.29                                       | 21.79 | 2.04                    | 2.28               | 40.06                   | 20.27 | 20.27                   | 2.55               | 37.53                   | 35.06 | 32.24                   | 3.62               |
|                                                                           | 62 (16.7)      | 36.17                                       | 36.17 | 2.07                    | 2.32               | 33.33                   | 33.33 | 33.33                   | 2.60               | 31.71                   | 29.93 | 27.97                   | 3.28               |
|                                                                           | 63 (17.2)††    | 36.66                                       | 33.05 | 2.07                    | 2.32               | 35.02                   | 32.29 | 33.39                   | 2.60               | 31.77                   | 29.98 | 28.01                   | 3.28               |
|                                                                           | 67 (19.4)      | 40.49                                       | 27.83 | 2.06                    | 2.31               | 38.57                   | 27.09 | 26.30                   | 2.58               | 34.29                   | 31.90 | 29.32                   | 3.26               |
| 1250                                                                      | 57 (13.9)      | 45.02                                       | 22.54 | 2.05                    | 2.29               | 42.89                   | 21.79 | 20.99                   | 2.56               | 38.01                   | 35.43 | 32.54                   | 3.22               |
|                                                                           | 62 (16.7)      | 37.39                                       | 34.70 | 2.09                    | 2.34               | 35.88                   | 35.88 | 34.32                   | 2.61               | 32.62                   | 30.75 | 28.68                   | 3.29               |
|                                                                           | 63 (17.2)††    | 37.79                                       | 27.77 | 2.09                    | 2.34               | 35.98                   | 27.03 | 26.24                   | 2.62               | 31.95                   | 29.70 | 27.28                   | 3.30               |
|                                                                           | 67 (19.4)      | 41.06                                       | 29.09 | 2.08                    | 2.32               | 39.08                   | 28.33 | 27.54                   | 2.60               | 34.69                   | 32.24 | 29.61                   | 3.27               |
| 72 (22.2)                                                                 | 45.64          | 23.33                                       | 2.07  | 2.31                    | 41.06              | 22.57                   | 21.76 | 2.57                    | 38.51              | 35.77                   | 32.81 | 3.23                    |                    |

See notes on page 28



DETAILED COOLING CAPACITIES# (CONTINUED)

24APA7

24APA748 Outdoor Section With CNPVP4821 Indoor Section

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model    |
|----------------------|-----------------|-------|----------------|-------|------------------|
| *CNP**6124A**        | 1.00            | 1.00  | 1.00           | 1.00  | 58MV(B/C)100--20 |
| CAP**4817A**         | 0.95            | 1.05  | 0.95           | 1.05  |                  |
| CAP**4821A**         | 0.96            | 1.06  | 0.94           | 1.05  |                  |
| CAP**4823A**         | 0.92            | 1.03  | 0.93           | 0.94  |                  |
| CAP**4824A**         | 0.94            | 1.03  | 0.94           | 1.05  |                  |
| CAP**6021A**         | 0.96            | 1.03  | 0.95           | 1.05  |                  |
| CAP**6025A**         | 0.94            | 1.03  | 0.93           | 0.93  |                  |
| CNP**4812A**         | 0.94            | 1.03  | 0.94           | 0.94  |                  |
| CNP**6024A**         | 0.96            | 1.04  | 0.95           | 0.92  |                  |
| CNP**4821A**         | 0.94            | 1.03  | 0.94           | 1.05  |                  |
| CNP**4824A**         | 0.94            | 1.03  | 0.94           | 1.05  |                  |
| CNP**6024A**         | 0.96            | 1.04  | 0.95           | 0.92  |                  |
| CSPH**4812A**        | 0.95            | 1.03  | 0.95           | 0.97  |                  |
| CSPH**6012A**        | 0.97            | 1.04  | 0.96           | 0.95  |                  |
| FE4ANB.FJ005         | 0.97            | 0.98  | 0.98           | 0.90  |                  |
| FE4ANB06             | 0.99            | 0.98  | 0.99           | 0.94  |                  |
| FV4CNCB006           | 0.99            | 0.98  | 0.99           | 0.94  |                  |
| CAP**4817A**         | 0.95            | 1.00  | 0.95           | 0.94  | 58CV(A,X)090--16 |
| CSPH**4812A**        | 0.95            | 1.00  | 0.95           | 0.96  | 58CV(A,X)090--16 |
| CSPH**6012A**        | 0.97            | 1.00  | 0.96           | 0.93  | 58CV(A,X)090--16 |
| CAP**4824A**         | 0.95            | 1.00  | 0.95           | 0.94  | 58CV(A,X)110--20 |
| CAP**6021A**         | 0.97            | 1.00  | 0.96           | 0.94  | 58CV(A,X)110--20 |
| CAP**6024A**         | 0.97            | 1.00  | 0.96           | 0.94  | 58CV(A,X)110--20 |
| CNP**4812A**         | 0.95            | 1.00  | 0.95           | 0.93  | 58CV(A,X)110--20 |
| CNP**6024A**         | 0.97            | 1.00  | 0.96           | 0.94  | 58CV(A,X)110--20 |
| CNP**4812A**         | 0.95            | 1.00  | 0.95           | 0.93  | 58CV(A,X)110--20 |
| CNP**6124A**         | 1.00            | 0.98  | 1.00           | 0.96  | 58CV(A,X)110--20 |
| CNP**4812A**         | 0.95            | 1.00  | 0.95           | 0.92  | 58CV(A,X)110--20 |
| CNP**4824A**         | 0.95            | 1.00  | 0.95           | 0.94  | 58CV(A,X)110--20 |
| CNP**6024A**         | 0.97            | 0.98  | 0.96           | 0.92  | 58CV(A,X)110--20 |
| CNP**6124A**         | 1.01            | 0.97  | 1.01           | 0.95  | 58CV(A,X)110--20 |
| CSPH**4812A**        | 0.96            | 1.01  | 0.96           | 0.97  | 58CV(A,X)110--20 |
| CSPH**6012A**        | 0.97            | 0.99  | 0.98           | 0.93  | 58CV(A,X)110--20 |
| CAP**4824A**         | 0.95            | 0.98  | 0.95           | 0.93  | 58CV(A,X)135--22 |
| CAP**6024A**         | 0.97            | 0.98  | 0.96           | 0.93  | 58CV(A,X)135--22 |
| CNP**6024A**         | 0.97            | 0.98  | 0.96           | 0.91  | 58CV(A,X)135--22 |
| CNP**6124A**         | 1.01            | 0.98  | 1.00           | 0.96  | 58CV(A,X)135--22 |
| CNP**4824A**         | 0.95            | 0.98  | 0.95           | 0.92  | 58CV(A,X)135--22 |
| CNP**6024A**         | 0.97            | 0.98  | 0.96           | 0.91  | 58CV(A,X)135--22 |
| CNP**6124A**         | 1.02            | 0.97  | 1.01           | 0.95  | 58CV(A,X)155--22 |
| CNP**4812A**         | 0.96            | 0.97  | 0.96           | 0.92  | 58CV(A,X)155--22 |
| CNP**6024A**         | 0.97            | 0.97  | 0.96           | 0.92  | 58CV(A,X)155--22 |
| CNP**6124A**         | 1.02            | 0.97  | 1.01           | 0.95  | 58CV(A,X)155--22 |
| CSPH**6012A**        | 0.98            | 0.98  | 0.96           | 0.94  | 58CV(A,X)135--22 |
| CAP**4823A**         | 0.92            | 1.03  | 0.95           | 1.06  | 58HDV080--20     |
| CAP**6025A**         | 0.96            | 1.04  | 0.95           | 0.94  | 58HDV080--20     |
| CAP**6025A**         | 0.95            | 1.03  | 0.98           | 0.95  | 58HDV080--20     |
| CSPH**4812A**        | 0.96            | 1.03  | 0.98           | 0.97  | 58HDV080--20     |
| CSPH**6012A**        | 0.98            | 1.03  | 0.99           | 0.96  | 58HDV080--20     |
| CAP**6025A**         | 0.94            | 1.02  | 0.95           | 0.95  | 58HDV100--20     |
| CAP**6025A**         | 0.09            | 0.10  | 0.98           | 0.94  | 58HDV100--20     |
| CNP**6024A**         | 0.97            | 1.02  | 0.98           | 0.95  | 58HDV100--20     |

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model    |
|----------------------|-----------------|-------|----------------|-------|------------------|
| CSPH**4812A**        | 0.96            | 1.01  | 0.96           | 1.05  | 58HDV100--20     |
| CSPH**6012A**        | 0.98            | 1.02  | 0.98           | 0.93  | 58HDV100--20     |
| CAP**4821A**         | 0.95            | 1.02  | 0.95           | 0.93  | 58ME(B/C)080--16 |
| CNP**4821A**         | 0.95            | 1.01  | 0.94           | 0.92  | 58ME(B/C)080--16 |
| CNP**6024A**         | 0.97            | 1.02  | 0.96           | 0.94  | 58ME(B/C)080--16 |
| CNP**6124A**         | 1.01            | 1.01  | 0.99           | 0.96  | 58ME(B/C)080--16 |
| CNP**4812A**         | 0.95            | 1.01  | 0.96           | 0.93  | 58ME(B/C)080--16 |
| CNP**6024A**         | 0.96            | 1.02  | 0.96           | 0.95  | 58ME(B/C)080--16 |
| CSPH**6012A**        | 0.98            | 1.03  | 0.98           | 0.95  | 58ME(B/C)080--16 |
| CAP**4821A**         | 0.95            | 1.00  | 0.95           | 0.92  | 58ME(B/C)100--20 |
| CAP**4824A**         | 0.95            | 0.99  | 0.95           | 0.94  | 58ME(B/C)100--20 |
| CAP**6024A**         | 0.97            | 0.99  | 0.96           | 0.93  | 58ME(B/C)100--20 |
| CNP**4821A**         | 0.95            | 0.99  | 0.95           | 0.92  | 58ME(B/C)100--20 |
| CNP**6024A**         | 0.97            | 0.99  | 0.96           | 0.92  | 58ME(B/C)100--20 |
| CNP**6124A**         | 1.01            | 0.98  | 1.00           | 0.95  | 58ME(B/C)100--20 |
| CNP**4821A**         | 0.96            | 1.00  | 0.95           | 0.93  | 58ME(B/C)100--20 |
| CNP**4824A**         | 0.96            | 1.00  | 0.95           | 0.92  | 58ME(B/C)100--20 |
| CNP**6024A**         | 0.97            | 0.99  | 0.96           | 0.92  | 58ME(B/C)100--20 |
| CNP**6124A**         | 1.02            | 0.98  | 1.01           | 0.95  | 58ME(B/C)100--20 |
| CSPH**4812A**        | 0.96            | 0.99  | 0.98           | 0.96  | 58ME(B/C)120--20 |
| CSPH**6012A**        | 0.98            | 1.00  | 0.99           | 0.95  | 58ME(B/C)120--20 |
| CNP**6124A**         | 1.01            | 0.97  | 1.02           | 0.99  | 58ME(B/C)120--20 |
| CNP**4824A**         | 0.96            | 0.99  | 0.98           | 1.08  | 58ME(B/C)120--20 |
| CNP**6024A**         | 0.96            | 0.99  | 0.98           | 0.96  | 58ME(B/C)120--20 |
| CNP**4821A**         | 0.94            | 1.01  | 0.94           | 0.95  | 58MV(B/C)080--20 |
| CAP**6021A**         | 0.96            | 1.01  | 0.95           | 0.95  | 58MV(B/C)080--20 |
| CNP**4821A**         | 0.94            | 1.00  | 0.95           | 0.96  | 58MV(B/C)080--20 |
| CNP**6024A**         | 0.96            | 1.00  | 0.95           | 0.95  | 58MV(B/C)080--20 |
| CNP**6124A**         | 0.96            | 1.01  | 0.95           | 0.95  | 58MV(B/C)080--20 |
| CSPH**6012A**        | 0.96            | 1.00  | 0.96           | 0.95  | 58MV(B/C)080--20 |
| CAP**4821A**         | 0.94            | 1.01  | 0.94           | 0.95  | 58MV(B/C)080--20 |
| CAP**6021A**         | 0.96            | 1.01  | 0.95           | 0.95  | 58MV(B/C)080--20 |
| CNP**4821A**         | 0.94            | 1.00  | 0.95           | 0.96  | 58MV(B/C)080--20 |
| CNP**6024A**         | 0.96            | 1.00  | 0.95           | 0.95  | 58MV(B/C)080--20 |
| CNP**6124A**         | 0.96            | 1.01  | 0.95           | 0.95  | 58MV(B/C)080--20 |
| CSPH**6012A**        | 0.96            | 1.00  | 0.96           | 0.95  | 58MV(B/C)080--20 |
| CAP**4821A**         | 0.94            | 1.02  | 0.95           | 0.97  | 58MV(B/C)100--20 |
| CAP**6021A**         | 0.97            | 1.02  | 0.96           | 0.97  | 58MV(B/C)100--20 |
| CNP**4821A**         | 0.95            | 1.02  | 0.95           | 0.94  | 58MV(B/C)100--20 |
| CNP**6024A**         | 0.97            | 1.02  | 0.96           | 0.98  | 58MV(B/C)100--20 |
| CNP**6124A**         | 0.95            | 1.02  | 0.95           | 0.97  | 58MV(B/C)100--20 |
| CNP**4812A**         | 0.94            | 1.00  | 0.96           | 0.94  | 58MV(B/C)100--20 |
| CNP**6024A**         | 0.97            | 1.02  | 0.96           | 0.94  | 58MV(B/C)100--20 |
| CNP**6124A**         | 1.01            | 0.99  | 1.01           | 0.96  | 58MV(B/C)100--20 |
| CSPH**6012A**        | 0.97            | 1.02  | 0.98           | 0.94  | 58MV(B/C)100--20 |
| CAP**4824A**         | 0.95            | 1.00  | 0.95           | 0.94  | 58MV(B/C)120--20 |
| CAP**6024A**         | 0.97            | 1.00  | 0.96           | 0.94  | 58MV(B/C)120--20 |
| CNP**6024A**         | 0.96            | 0.99  | 0.96           | 0.92  | 58MV(B/C)120--20 |
| CNP**6124A**         | 1.00            | 0.99  | 1.00           | 0.98  | 58MV(B/C)120--20 |
| CNP**4824A**         | 0.97            | 1.00  | 0.96           | 0.95  | 58MV(B/C)120--20 |
| CNP**6124A**         | 1.01            | 0.98  | 1.01           | 0.96  | 58MV(B/C)120--20 |
| CSPH**6012A**        | 0.97            | 0.99  | 0.98           | 0.95  | 58MV(B/C)120--20 |

| Cooling Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model |
|----------------------|-----------------|-------|----------------|-------|---------------|
| CAP**6021A**         | 0.97            | 1.00  | 0.96           | 0.94  | 58PH*090--16  |
| CNP**4821A**         | 0.95            | 1.00  | 0.96           | 0.94  | 58PH*090--16  |
| CNP**6124A**         | 1.01            | 0.99  | 1.00           | 0.99  | 58PH*090--16  |
| CNP**6124A**         | 1.02            | 0.99  | 1.02           | 0.99  | 58PH*090--16  |
| CSPH**4812A**        | 0.96            | 1.01  | 0.96           | 0.94  | 58PH*090--16  |
| CSPH**6012A**        | 0.98            | 1.00  | 0.98           | 0.93  | 58PH*090--16  |
| CAP**4821A**         | 0.95            | 0.99  | 0.95           | 0.93  | 58PH*110--20  |
| CAP**4824A**         | 0.95            | 0.98  | 0.96           | 0.94  | 58PH*110--20  |
| CAP**6021A**         | 0.97            | 0.98  | 0.96           | 0.93  | 58PH*110--20  |
| CAP**6024A**         | 0.97            | 0.98  | 0.98           | 0.94  | 58PH*110--20  |
| CNP**4821A**         | 0.95            | 0.98  | 0.96           | 0.94  | 58PH*110--20  |
| CNP**4824A**         | 0.96            | 0.99  | 0.96           | 0.94  | 58PH*110--20  |
| CNP**6024A**         | 0.97            | 0.98  | 0.98           | 0.96  | 58PH*110--20  |
| CNP**6124A**         | 1.01            | 0.97  | 1.01           | 1.00  | 58PH*110--20  |
| CNP**4812A**         | 0.95            | 0.98  | 0.96           | 0.94  | 58PH*110--20  |
| CNP**4824A**         | 0.96            | 0.99  | 0.96           | 0.94  | 58PH*110--20  |
| CNP**6024A**         | 0.97            | 0.98  | 0.98           | 0.96  | 58PH*110--20  |
| CNP**6124A**         | 1.02            | 0.98  | 1.02           | 0.99  | 58PH*110--20  |
| CSPH**4812A**        | 0.96            | 0.98  | 0.96           | 0.96  | 58PH*110--20  |
| CSPH**6012A**        | 0.98            | 0.99  | 0.98           | 0.95  | 58PH*110--20  |
| CAP**6024A**         | 0.97            | 0.99  | 0.98           | 0.96  | 58PH*135--20  |
| CNP**6024A**         | 0.97            | 0.99  | 0.99           | 0.96  | 58PH*135--20  |
| CNP**6124A**         | 1.01            | 0.99  | 1.02           | 1.13  | 58PH*135--20  |
| CNP**6024A**         | 0.97            | 0.99  | 0.99           | 1.08  | 58PH*135--20  |
| CNP**6124A**         | 1.02            | 0.98  | 1.00           | 1.11  | 58PH*135--20  |
| CNP**4812A**         | 0.96            | 1.00  | 0.98           | 0.98  | 58PH*135--20  |
| CNP**4824A**         | 0.96            | 1.00  | 0.98           | 0.98  | 58PH*135--20  |
| CNP**6024A**         | 0.98            | 1.00  | 0.99           | 0.97  | 58PH*135--20  |
| CAP**4821A**         | 0.94            | 1.02  | 0.95           | 0.96  | 58VLR120--20  |
| CAP**4824A**         | 0.94            | 1.02  | 0.96           | 0.96  | 58VLR120--20  |
| CAP**6021A**         | 0.94            | 0.98  | 0.95           | 0.94  | 58VLR120--20  |
| CNP**4821A**         | 0.94            | 1.01  | 0.95           | 0.95  | 58VLR120--20  |
| CNP**4824A**         | 0.94            | 1.01  | 0.95           | 0.95  | 58VLR120--20  |
| CNP**6024A**         | 0.94            | 1.01  | 0.95           | 0.95  | 58VLR120--20  |
| CNP**6124A**         | 0.96            | 1.01  | 0.98           | 0.95  | 58VLR120--20  |
| CNP**6024A**         | 0.96            | 0.94  | 1.02           | 0.98  | 58VLR120--20  |
| CNP**6124A**         | 0.96            | 0.94  | 1.02           | 0.98  | 58VLR120--20  |
| CAP**4821A**         | 0.94            | 1.03  | 0.95           | 0.97  | 58VMR120--20  |
| CAP**4824A**         | 0.94            | 1.02  | 0.95           | 0.96  | 58VMR120--20  |
| CAP**6021A**         | 0.96            | 1.02  | 0.95           | 0.95  | 58VMR120--20  |
| CNP**4821A**         | 0.94            | 1.02  | 0.95           | 0.96  | 58VMR120--20  |
| CNP**6024A**         | 0.96            | 1.02  | 0.95           | 0.96  | 58VMR120--20  |
| CNP**6124A**         | 0.94            | 1.03  | 0.95           | 0.96  | 58VMR120--20  |
| CNP**6024A**         | 0.96            | 1.01  | 0.95           | 0.94  | 58VMR120--20  |
| CNP**6124A**         | 0.96            | 0.96  | 1.02           | 1.00  | 58VMR120--20  |
| CSPH**4812A**        | 0.94            | 1.02  | 0.98           | 0.98  | 58VMR120--20  |
| CSPH**6012A**        | 0.96            | 0.99  | 0.98           | 0.96  | 58VMR120--20  |

See notes on page 28

DETAILED COOLING CAPACITIES# (CONTINUED)

| EVAPORATOR AIR                              |                |                | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |                 |                 |                |                 |                |                 |                 |                 |                |                 |                |       |                 |                |            |                 |                |       |                 |       |       |      |
|---------------------------------------------|----------------|----------------|---------------------------------------------|-----------------|-----------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|-------|-----------------|----------------|------------|-----------------|----------------|-------|-----------------|-------|-------|------|
| CFM                                         | EWB<br>°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†           |                |       |                 |                |            |                 |                |       |                 |       |       |      |
| 1500                                        | 57 (13.9)      | 54.27          | 54.27                                       | 52.74           | 52.74           | 3.98           | 3.98            | 50.95          | 50.95           | 4.38            | 4.38            | 46.81          | 46.81           | 44.25          | 44.25 | 5.83            | 5.83           |            |                 |                |       |                 |       |       |      |
|                                             | 62 (16.7)      | 57.18          | 48.11                                       | 55.08           | 47.35           | 4.01           | 4.01            | 52.75          | 46.48           | 4.40            | 4.40            | 47.39          | 44.39           | 44.31          | 44.31 | 5.84            | 5.84           |            |                 |                |       |                 |       |       |      |
|                                             | 63 (17.2)†     | 58.34          | 39.49                                       | 56.17           | 38.66           | 4.02           | 4.02            | 53.77          | 37.73           | 4.41            | 4.41            | 48.16          | 35.56           | 44.84          | 34.30 | 5.84            | 5.84           |            |                 |                |       |                 |       |       |      |
|                                             | 67 (19.4)      | 63.05          | 41.02                                       | 60.68           | 40.18           | 4.07           | 4.07            | 58.06          | 39.24           | 4.47            | 4.47            | 51.93          | 37.06           | 48.34          | 35.79 | 5.90            | 5.90           |            |                 |                |       |                 |       |       |      |
|                                             | 72 (22.2)      | 69.52          | 33.78                                       | 66.88           | 32.88           | 4.15           | 4.15            | 63.98          | 31.88           | 4.55            | 4.55            | 60.75          | 30.78           | 53.18          | 28.23 | 5.99            | 5.99           |            |                 |                |       |                 |       |       |      |
| 1710                                        | 57 (13.9)      | 56.76          | 56.76                                       | 55.08           | 55.08           | 4.07           | 4.07            | 53.17          | 53.17           | 4.47            | 4.47            | 48.63          | 48.63           | 45.87          | 45.87 | 5.93            | 5.93           |            |                 |                |       |                 |       |       |      |
|                                             | 62 (16.7)      | 58.63          | 51.57                                       | 56.42           | 50.77           | 4.09           | 4.09            | 54.01          | 49.87           | 4.48            | 4.48            | 48.70          | 48.70           | 45.93          | 45.93 | 5.93            | 5.93           |            |                 |                |       |                 |       |       |      |
|                                             | 63 (17.2)††    | 59.71          | 41.82                                       | 57.41           | 40.98           | 4.10           | 4.10            | 54.85          | 40.03           | 4.49            | 4.49            | 48.95          | 37.84           | 45.51          | 36.55 | 5.92            | 5.92           |            |                 |                |       |                 |       |       |      |
|                                             | 67 (19.4)      | 64.47          | 43.51                                       | 61.97           | 42.66           | 4.16           | 4.16            | 59.19          | 41.71           | 4.55            | 4.55            | 52.75          | 39.51           | 48.99          | 38.22 | 5.98            | 5.98           |            |                 |                |       |                 |       |       |      |
|                                             | 72 (22.2)      | 71.04          | 35.32                                       | 68.25           | 34.40           | 4.23           | 4.23            | 65.17          | 33.38           | 4.63            | 4.63            | 58.01          | 31.02           | 53.89          | 29.69 | 6.07            | 6.07           |            |                 |                |       |                 |       |       |      |
| 1835                                        | 57 (13.9)      | 58.06          | 58.06                                       | 56.29           | 56.29           | 4.13           | 4.13            | 54.30          | 54.30           | 4.53            | 4.53            | 49.55          | 49.55           | 46.68          | 46.68 | 5.98            | 5.98           |            |                 |                |       |                 |       |       |      |
|                                             | 62 (16.7)      | 59.38          | 53.53                                       | 57.14           | 52.72           | 4.14           | 4.14            | 54.70          | 51.76           | 4.54            | 4.54            | 49.58          | 49.58           | 46.74          | 46.74 | 5.98            | 5.98           |            |                 |                |       |                 |       |       |      |
|                                             | 63 (17.2)††    | 60.37          | 43.15                                       | 58.00           | 42.29           | 4.15           | 4.15            | 55.37          | 41.34           | 4.54            | 4.54            | 49.24          | 39.10           | 45.83          | 37.85 | 5.96            | 5.96           |            |                 |                |       |                 |       |       |      |
|                                             | 67 (19.4)      | 65.16          | 44.93                                       | 62.57           | 44.07           | 4.20           | 4.20            | 59.71          | 43.12           | 4.60            | 4.60            | 53.13          | 40.91           | 49.31          | 39.82 | 6.03            | 6.03           |            |                 |                |       |                 |       |       |      |
|                                             | 72 (22.2)      | 71.76          | 36.19                                       | 68.89           | 35.26           | 4.28           | 4.28            | 65.74          | 34.24           | 4.68            | 4.68            | 58.42          | 31.86           | 54.21          | 30.52 | 6.11            | 6.11           |            |                 |                |       |                 |       |       |      |
| 2000                                        | 57 (13.9)      | 59.59          | 59.59                                       | 57.72           | 57.72           | 4.20           | 4.20            | 55.62          | 55.62           | 4.60            | 4.60            | 50.62          | 50.62           | 47.63          | 47.63 | 6.05            | 6.05           |            |                 |                |       |                 |       |       |      |
|                                             | 62 (16.7)      | 60.30          | 55.99                                       | 58.01           | 55.08           | 4.20           | 4.20            | 55.69          | 55.69           | 4.60            | 4.60            | 50.69          | 50.69           | 47.68          | 47.68 | 6.05            | 6.05           |            |                 |                |       |                 |       |       |      |
|                                             | 63 (17.2)††    | 61.09          | 44.84                                       | 58.64           | 43.97           | 4.21           | 4.21            | 55.94          | 43.02           | 4.60            | 4.60            | 49.50          | 40.70           | 46.17          | 39.50 | 6.02            | 6.02           |            |                 |                |       |                 |       |       |      |
|                                             | 67 (19.4)      | 65.91          | 46.75                                       | 63.22           | 45.88           | 4.26           | 4.26            | 60.31          | 44.93           | 4.66            | 4.66            | 53.55          | 42.72           | 49.66          | 41.41 | 6.09            | 6.09           |            |                 |                |       |                 |       |       |      |
|                                             | 72 (22.2)      | 72.57          | 37.29                                       | 69.61           | 36.36           | 4.34           | 4.34            | 66.35          | 35.32           | 4.74            | 4.74            | 58.84          | 32.94           | 54.49          | 31.56 | 6.17            | 6.17           |            |                 |                |       |                 |       |       |      |
| CONDENSER ENTERING AIR TEMPERATURES °F (°C) |                |                |                                             |                 |                 |                |                 |                |                 |                 |                 |                |                 |                |       |                 |                |            |                 |                |       |                 |       |       |      |
| EVAPORATOR AIR                              |                | 75 (23.9)      |                                             |                 |                 | 85 (29.4)      |                 |                |                 | 95 (35)         |                 |                |                 | 105 (40.6)     |       |                 |                | 115 (46.1) |                 |                |       | 125 (51.7)      |       |       |      |
| CFM                                         | EWB<br>°F (°C) | Capacity MBTuh |                                             | Total Sys. KW** | Capacity MBTuh  |                | Total Sys. KW** | Capacity MBTuh |                 | Total Sys. KW** | Capacity MBTuh  |                | Total Sys. KW** | Capacity MBTuh |       | Total Sys. KW** | Capacity MBTuh |            | Total Sys. KW** | Capacity MBTuh |       | Total Sys. KW** |       |       |      |
|                                             |                | Total          | Sens†                                       |                 | Total           | Sens†          |                 | Total          | Sens†           |                 | Total           | Sens†          |                 | Total          | Sens† |                 | Total          | Sens†      |                 | Total          | Sens† |                 | Total | Sens† |      |
| 1100                                        | 57 (13.9)      | 49.86          | 23.91                                       | 2.40            | 2.40            | 47.66          | 23.10           | 2.70           | 2.70            | 45.29           | 22.25           | 3.03           | 3.03            | 42.73          | 21.34 | 3.41            | 3.41           | 39.96      | 20.38           | 3.85           | 3.85  | 36.97           | 19.36 | 4.36  | 4.36 |
|                                             | 62 (16.7)      | 44.89          | 28.95                                       | 2.41            | 2.41            | 42.92          | 28.16           | 2.72           | 2.72            | 40.78           | 27.32           | 3.06           | 3.06            | 38.45          | 26.41 | 3.45            | 3.45           | 35.95      | 25.45           | 3.90           | 3.90  | 33.27           | 24.43 | 4.42  | 4.42 |
|                                             | 63 (17.2)††    | 41.27          | 27.74                                       | 2.43            | 2.43            | 39.43          | 26.95           | 2.74           | 2.74            | 37.48           | 26.12           | 3.09           | 3.09            | 35.35          | 25.23 | 3.48            | 3.48           | 33.05      | 24.28           | 3.94           | 3.94  | 30.59           | 23.28 | 4.47  | 4.47 |
|                                             | 67 (19.4)      | 40.39          | 33.88                                       | 2.43            | 2.43            | 38.64          | 33.10           | 2.74           | 2.74            | 36.73           | 32.25           | 3.09           | 3.09            | 34.69          | 31.33 | 3.49            | 3.49           | 32.55      | 32.36           | 3.95           | 3.95  | 30.57           | 30.57 | 4.47  | 4.47 |
|                                             | 72 (22.2)      | 38.60          | 38.60                                       | 2.44            | 2.44            | 37.27          | 37.27           | 2.75           | 2.75            | 35.79           | 35.79           | 3.10           | 3.10            | 34.18          | 34.18 | 3.49            | 3.49           | 32.43      | 32.43           | 3.95           | 3.95  | 30.51           | 30.51 | 4.47  | 4.47 |
| 1250                                        | 57 (13.9)      | 51.05          | 25.10                                       | 2.43            | 2.43            | 48.73          | 24.28           | 2.72           | 2.72            | 46.25           | 23.41           | 3.05           | 3.05            | 43.54          | 22.47 | 3.43            | 3.43           | 40.66      | 21.49           | 3.87           | 3.87  | 37.55           | 20.44 | 4.38  | 4.38 |
|                                             | 62 (16.7)      | 46.00          | 30.83                                       | 2.44            | 2.44            | 43.91          | 30.02           | 2.74           | 2.74            | 41.67           | 29.15           | 3.08           | 3.08            | 39.23          | 28.22 | 3.47            | 3.47           | 36.82      | 27.24           | 3.91           | 3.91  | 33.83           | 26.20 | 4.44  | 4.44 |
|                                             | 63 (17.2)††    | 42.33          | 29.50                                       | 2.45            | 2.45            | 40.40          | 28.69           | 2.76           | 2.76            | 38.35           | 27.84           | 3.11           | 3.11            | 36.05          | 26.90 | 3.50            | 3.50           | 33.72      | 25.95           | 3.96           | 3.96  | 31.15           | 24.92 | 4.49  | 4.49 |
|                                             | 67 (19.4)      | 41.54          | 36.44                                       | 2.45            | 2.45            | 39.68          | 35.60           | 2.76           | 2.76            | 37.75           | 34.70           | 3.11           | 3.11            | 35.78          | 35.78 | 3.50            | 3.50           | 33.89      | 33.89           | 3.95           | 3.95  | 31.81           | 31.81 | 4.47  | 4.47 |
|                                             | 72 (22.2)      | 40.50          | 40.50                                       | 2.46            | 2.46            | 39.05          | 39.05           | 2.77           | 2.77            | 37.46           | 37.46           | 3.11           | 3.11            | 35.73          | 35.73 | 3.50            | 3.50           | 33.84      | 33.84           | 3.95           | 3.95  | 31.76           | 31.76 | 4.47  | 4.47 |
| 1400                                        | 57 (13.9)      | 51.99          | 26.23                                       | 2.45            | 2.45            | 49.57          | 25.39           | 2.75           | 2.75            | 46.98           | 24.50           | 3.08           | 3.08            | 44.19          | 23.56 | 3.45            | 3.45           | 41.20      | 22.55           | 3.89           | 3.89  | 37.99           | 21.49 | 4.40  | 4.40 |
|                                             | 62 (16.7)      | 46.87          | 32.63                                       | 2.46            | 2.46            | 44.69          | 31.80           | 2.76           | 2.76            | 42.36           | 30.92           | 3.10           | 3.10            | 39.84          | 29.97 | 3.49            | 3.49           | 37.15      | 28.97           | 3.93           | 3.93  | 34.27           | 27.90 | 4.45  | 4.45 |
|                                             | 63 (17.2)††    | 43.18          | 31.19                                       | 2.47            | 2.47            | 41.18          | 30.37           | 2.78           | 2.78            | 39.04           | 29.50           | 3.13           | 3.13            | 36.72          | 28.56 | 3.52            | 3.52           | 34.24      | 27.56           | 3.98           | 3.98  | 31.59           | 26.49 | 4.51  | 4.51 |
|                                             | 67 (19.4)      | 42.54          | 38.84                                       | 2.48            | 2.48            | 40.71          | 40.48           | 2.78           | 2.78            | 38.96           | 38.96           | 3.13           | 3.13            | 37.09          | 37.09 | 3.51            | 3.51           | 35.06      | 35.06           | 3.96           | 3.96  | 32.84           | 32.84 | 4.48  | 4.48 |
|                                             | 72 (22.2)      | 42.13          | 42.13                                       | 2.48            | 2.48            | 40.58          | 40.58           | 2.78           | 2.78            | 38.89           | 38.89           | 3.13           | 3.13            | 37.02          | 37.02 | 3.51            | 3.51           | 35.01      | 35.01           | 3.96           | 3.96  | 32.80           | 32.80 | 4.48  | 4.48 |
| 1500                                        | 57 (13.9)      | 52.50          | 26.95                                       | 2.47            | 2.47            | 50.03          | 26.11           | 2.76           | 2.76            | 47.39           | 25.21           | 3.09           | 3.09            | 44.54          | 24.25 | 3.47            | 3.47           | 41.49      | 23.24           | 3.92           | 3.92  | 38.22           | 22.17 | 4.41  | 4.41 |
|                                             | 62 (16.7)      | 47.35          | 33.80                                       | 2.48            | 2.48            | 45.12          | 32.96           | 2.78           | 2.78            | 42.74           | 32.06           | 3.12           | 3.12            | 40.18          | 31.10 | 3.50            | 3.50           | 37.44      | 30.08           | 3.95           | 3.95  | 34.52           | 28.99 | 4.47  | 4.47 |
|                                             | 63 (17.2)††    | 43.66          | 32.29                                       | 2.49            | 2.49            | 41.61          | 31.45           | 2.80           | 2.80            | 39.42           | 30.56           | 3.14           | 3.14            | 37.05          | 29.60 | 3.53            | 3.53           | 34.53      | 28.59           | 3.99           | 3.99  | 31.85           | 27.50 | 4.52  | 4.52 |
|                                             | 67 (19.4)      | 43.23          | 43.01                                       | 2.49            | 2.49            | 41.55          | 41.55           | 2.80           | 2.80            | 39.79           | 39.79           | 3.14           | 3.14            | 37.85          | 37.85 | 3.52            | 3.52           | 35.74      | 35.74           | 3.97           | 3.97  | 33.45           | 33.45 | 4.48  | 4.48 |
|                                             | 72 (22.2)      | 43.11          | 43.11                                       | 2.49            | 2.49            | 41.49          | 41.49           | 2.80           | 2.80            | 39.73           | 39.73           | 3.14           | 3.14            | 37.79          | 37.79 | 3.52            | 3.52           | 35.69      | 35.69           | 3.97           | 3.97  | 33.40           | 33.40 | 4.48  | 4.48 |

**24APA760 Outdoor Section With CNPVP4821 Indoor Section**

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

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

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

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

### EWB — Entering Wet Bulb

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

# CONDENSER ONLY RATINGS\*

| SST<br>°F (°C) |     | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |            |            |            |           |             |             |             |
|----------------|-----|---------------------------------------------|------------|------------|------------|-----------|-------------|-------------|-------------|
|                |     | 55 (12.78)                                  | 65 (18.33) | 75 (23.89) | 85 (29.44) | 95 (35.0) | 105 (40.56) | 115 (46.11) | 125 (51.67) |
| 24APA724 HI    |     |                                             |            |            |            |           |             |             |             |
| 30<br>(-1.11)  | TCG | 22.50                                       | 21.30      | 20.20      | 18.90      | 17.60     | 16.30       | 14.90       | 13.40       |
|                | SDT | 67.50                                       | 77.40      | 87.20      | 97.00      | 106.80    | 116.70      | 126.60      | 136.70      |
|                | KW  | 1.00                                        | 1.16       | 1.33       | 1.50       | 1.69      | 1.91        | 2.15        | 2.44        |
| 35<br>(1.67)   | TCG | 24.90                                       | 23.60      | 22.30      | 20.90      | 19.50     | 18.10       | 16.50       | 15.00       |
|                | SDT | 68.70                                       | 78.50      | 88.20      | 98.00      | 107.80    | 117.60      | 127.50      | 137.60      |
|                | KW  | 1.02                                        | 1.18       | 1.35       | 1.52       | 1.72      | 1.93        | 2.18        | 2.47        |
| 40<br>(4.44)   | TCG | 27.40                                       | 26.00      | 24.60      | 23.10      | 21.50     | 20.00       | 18.30       | 16.60       |
|                | SDT | 70.00                                       | 79.70      | 89.40      | 99.10      | 108.80    | 118.50      | 128.40      | 138.50      |
|                | KW  | 1.05                                        | 1.20       | 1.37       | 1.55       | 1.74      | 1.96        | 2.21        | 2.50        |
| 45<br>(7.22)   | TCG | 30.10                                       | 28.60      | 27.00      | 25.40      | 23.70     | 22.00       | 20.30       | 18.50       |
|                | SDT | 71.30                                       | 80.90      | 90.50      | 100.20     | 109.80    | 119.60      | 129.40      | 139.40      |
|                | KW  | 1.07                                        | 1.23       | 1.39       | 1.57       | 1.76      | 1.99        | 2.24        | 2.53        |
| 50<br>(10.0)   | TCG | 33.10                                       | 31.40      | 29.70      | 27.90      | 26.10     | 24.20       | 22.40       | 20.40       |
|                | SDT | 72.60                                       | 82.10      | 91.70      | 101.30     | 111.00    | 120.60      | 130.40      | 140.40      |
|                | KW  | 1.09                                        | 1.25       | 1.41       | 1.59       | 1.79      | 2.01        | 2.27        | 2.57        |
| 55<br>(12.78)  | TCG | 36.20                                       | 34.40      | 32.50      | 30.60      | 28.60     | 26.60       | 24.60       | 22.50       |
|                | SDT | 74.00                                       | 83.50      | 93.00      | 102.50     | 112.10    | 121.80      | 131.50      | 141.40      |
|                | KW  | 1.12                                        | 1.28       | 1.44       | 1.62       | 1.82      | 2.04        | 2.30        | 2.61        |
| 60<br>(15.56)  | TCG | 39.60                                       | 37.60      | 35.50      | 33.50      | 31.30     | 29.20       | 27.00       | 24.70       |
|                | SDT | 75.50                                       | 84.90      | 94.30      | 103.80     | 113.40    | 122.90      | 132.60      | 142.40      |
|                | KW  | 1.15                                        | 1.31       | 1.47       | 1.65       | 1.85      | 2.08        | 2.34        | 2.64        |
| 24APA724 LO    |     |                                             |            |            |            |           |             |             |             |
| 30<br>(-1.11)  | TCG | 14.10                                       | 13.30      | 12.50      | 0.00       | 10.70     | 9.80        | 8.80        | 7.70        |
|                | SDT | 61.60                                       | 71.30      | 81.00      | 0.00       | 100.50    | 110.20      | 119.90      | 129.50      |
|                | KW  | 0.64                                        | 0.78       | 0.93       | 0.00       | 1.26      | 1.47        | 1.71        | 1.99        |
| 35<br>(1.67)   | TCG | 16.00                                       | 15.10      | 14.20      | 13.20      | 12.20     | 11.20       | 10.10       | 9.00        |
|                | SDT | 62.40                                       | 72.10      | 81.80      | 91.50      | 101.20    | 110.80      | 120.50      | 130.10      |
|                | KW  | 0.65                                        | 0.79       | 0.94       | 1.10       | 1.27      | 1.48        | 1.72        | 2.01        |
| 40<br>(4.44)   | TCG | 17.90                                       | 17.00      | 16.00      | 14.90      | 13.80     | 12.70       | 11.50       | 10.30       |
|                | SDT | 63.30                                       | 72.90      | 82.60      | 92.20      | 101.90    | 111.50      | 121.10      | 130.70      |
|                | KW  | 0.67                                        | 0.81       | 0.95       | 1.11       | 1.29      | 1.49        | 1.73        | 2.02        |
| 45<br>(7.22)   | TCG | 20.10                                       | 19.00      | 17.90      | 16.80      | 15.60     | 14.40       | 13.10       | 11.70       |
|                | SDT | 64.20                                       | 73.80      | 83.50      | 93.10      | 102.60    | 112.20      | 121.80      | 131.40      |
|                | KW  | 0.68                                        | 0.82       | 0.96       | 1.12       | 1.30      | 1.50        | 1.75        | 2.03        |
| 50<br>(10.0)   | TCG | 22.40                                       | 21.30      | 20.10      | 18.80      | 17.50     | 16.20       | 14.70       | 13.30       |
|                | SDT | 65.30                                       | 74.80      | 84.40      | 93.90      | 103.50    | 113.00      | 122.50      | 132.00      |
|                | KW  | 0.70                                        | 0.84       | 0.98       | 1.13       | 1.31      | 1.51        | 1.76        | 2.04        |
| 55<br>(12.78)  | TCG | 24.90                                       | 23.70      | 22.40      | 21.00      | 19.60     | 18.10       | 16.60       | 15.00       |
|                | SDT | 66.40                                       | 75.90      | 85.30      | 94.90      | 104.30    | 113.70      | 123.20      | 132.70      |
|                | KW  | 0.73                                        | 0.86       | 1.00       | 1.15       | 1.32      | 1.53        | 1.77        | 2.05        |
| 60<br>(15.56)  | TCG | 27.70                                       | 26.30      | 24.80      | 23.30      | 21.80     | 20.20       | 18.50       | 16.80       |
|                | SDT | 67.60                                       | 77.00      | 86.40      | 95.80      | 105.20    | 114.60      | 124.00      | 133.40      |
|                | KW  | 0.75                                        | 0.88       | 1.01       | 1.16       | 1.34      | 1.54        | 1.78        | 2.06        |
| 24APA736 HI    |     |                                             |            |            |            |           |             |             |             |
| 30<br>(-1.11)  | TCG | 32.00                                       | 30.20      | 28.40      | 26.50      | 24.50     | 22.50       | 20.50       | 18.40       |
|                | SDT | 71.10                                       | 80.40      | 89.80      | 99.20      | 108.60    | 118.00      | 127.40      | 137.00      |
|                | KW  | 1.51                                        | 1.72       | 1.95       | 2.18       | 2.44      | 2.73        | 3.06        | 3.43        |
| 35<br>(1.67)   | TCG | 35.60                                       | 33.60      | 31.60      | 29.50      | 27.40     | 25.20       | 23.00       | 20.80       |
|                | SDT | 72.60                                       | 81.80      | 91.20      | 100.50     | 109.80    | 119.20      | 128.60      | 138.10      |
|                | KW  | 1.55                                        | 1.76       | 1.98       | 2.22       | 2.48      | 2.77        | 3.11        | 3.49        |
| 40<br>(4.44)   | TCG | 39.40                                       | 37.30      | 35.10      | 32.80      | 30.50     | 28.20       | 25.80       | 23.40       |
|                | SDT | 74.20                                       | 83.40      | 92.60      | 101.90     | 111.20    | 120.50      | 129.80      | 139.30      |
|                | KW  | 1.59                                        | 1.80       | 2.02       | 2.26       | 2.52      | 2.82        | 3.16        | 3.54        |
| 45<br>(7.22)   | TCG | 43.60                                       | 41.20      | 38.80      | 36.40      | 33.90     | 31.40       | 28.80       | 26.30       |
|                | SDT | 76.00                                       | 85.10      | 94.20      | 103.40     | 112.60    | 121.90      | 131.10      | 140.50      |
|                | KW  | 1.63                                        | 1.84       | 2.06       | 2.30       | 2.57      | 2.87        | 3.21        | 3.60        |
| 50<br>(10.0)   | TCG | 48.00                                       | 45.40      | 42.80      | 40.20      | 37.50     | 34.80       | 32.10       | 29.30       |
|                | SDT | 77.80                                       | 86.80      | 95.90      | 105.00     | 114.10    | 123.30      | 132.50      | 141.70      |
|                | KW  | 1.68                                        | 1.89       | 2.11       | 2.35       | 2.62      | 2.93        | 3.27        | 3.66        |
| 55<br>(12.78)  | TCG | 52.70                                       | 49.90      | 47.10      | 44.30      | 41.40     | 38.50       | 35.60       | 32.60       |
|                | SDT | 79.80                                       | 88.70      | 97.70      | 106.70     | 115.70    | 124.80      | 133.80      | 143.00      |
|                | KW  | 1.73                                        | 1.94       | 2.16       | 2.40       | 2.68      | 2.98        | 3.33        | 3.72        |
| 60<br>(15.56)  | TCG | 57.80                                       | 54.70      | 51.70      | 48.70      | 45.60     | 42.50       | 39.30       | 36.10       |
|                | SDT | 81.90                                       | 90.70      | 99.50      | 108.40     | 117.30    | 126.30      | 135.20      | 144.20      |
|                | KW  | 1.79                                        | 1.99       | 2.21       | 2.46       | 2.73      | 3.04        | 3.39        | 3.79        |

See notes on page 31

24APA7

# CONDENSER ONLY RATINGS\*

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

See notes on page 31

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# CONDENSER ONLY RATINGS\*

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

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

**KW** – Outdoor Unit Kilowatts Only.

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

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

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

## GUIDE SPECIFICATIONS

### GENERAL

#### System Description

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

#### Quality Assurance

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

#### Delivery, Storage, and Handling

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

#### Warranty (for inclusion by specifying engineer)

- U.S. and Canada only.

## PRODUCTS

#### Equipment

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

#### Unit Cabinet

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

#### Fans

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

## AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER

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2 TO 5 NOMINAL TONS

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

#### Compressor

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

#### Condenser Coil

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

#### Refrigeration Components

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

#### Operating Characteristics

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

#### Electrical Requirements

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

#### Special Features

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

## SYSTEM DESIGN SUMMARY

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

