

24ANA1
Infinity™ 21 Series Air Conditioner
with Puron® Refrigerant
2 Through 5 Nominal Tons (Size 24 To 60)



Turn to the Experts.™

Product Data



Carrier's Air Conditioners with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 24ANA1 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.

INDUSTRY LEADING FEATURES / BENEFITS

Energy Efficiency

- 14.5-21 SEER/11.1-15 EER

New Aesthetic Design

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

Extra Quiet Operation

- Silencer System II™ for sound as low as 72 dBA
 - Quiet mount split post compressor grommets
 - Exclusive Silencer Top design
 - Electronic ECM ball bearing outdoor condenser fan motor
 - Forward-swept condenser fan blade
 - Compressor sound hood
 - Laminated steel compressor mounting plate

Reliability, Quality and Toughness

- Two-Stage scroll compressor
- Field-installed 16 cu. in. filter drier
- Back-seating service valves
- High pressure switch
- Low pressure switch
- Internal pressure relief valve
- Internal thermal overload

Controls and Diagnostics

- Infinity™ control (Dedicated A,B,C,D only)
- Utility Interface Connection
- Up to 18 point diagnostic capability

Applications

- Long line - up to 250 ft. total equivalent length. See Long Line Guideline for more information.
- Low ambient (down to 0°F) with complete Infinity system.

Limited Warranty

- 10-year limited warranty on compressor
- 5-year limited warranty on all parts

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 | N | A | 1 | 2 | 4 | 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 | N=Infinity Series | A=Puron | 1=21 SEER (Nominal) | | A=Standard | 0=Not Defined | 0=Not Defined | 3=208/230-1 | 0, 1, 2... | | |



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 Product Data for system combinations that meet Energy Star guidelines.

STANDARD FEATURES

| Feature | 24-30 | 36-30 | 48-30 | 60-30 |
|---|-------|-------|-------|-------|
| Puron® Refrigerant | X | X | X | X |
| Up to 21 SEER | X | | | |
| Infinity Control System Only | X | X | X | X |
| Two Stage Scroll Compressor | X | X | X | X |
| Silencer System II™ | X | X | X | X |
| WeatherArmor Ultra™ | X | X | X | X |
| Field-Installed 16 cu. in. Filter Drier | X | X | X | X |
| Back Seating Service Valves | X | X | X | X |
| High Pressure Switch | X | X | X | X |
| Low Pressure Switch | X | X | X | X |
| Internal Pressure Relief Valve | X | X | X | X |
| Internal Thermal Overload | X | X | X | X |
| Long Line capability with hard shut-off TXV | X | X | X | X |
| Low Ambient capability to 0° F w/Infinity Control | X | X | X | X |
| Up to 18 point Diagnostics | X | X | X | X |
| Utility Interface Connection | X | X | X | X |

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PHYSICAL DATA

| UNIT SIZE SERIES | 24-30 | 36-30 | 48-30 | 60-30 |
|------------------------------|--|-----------|-----------|-----------|
| Operating Weight (lb) | 330 | 330 | 330 | 350 |
| Shipping Weight (lb) | 367 | 367 | 367 | 387 |
| Compressor Type | 2-Stage Scroll | | | |
| REFRIGERANT | Puron® (R-410A) | | | |
| Control | TXV (Puron® Hard Shutoff) | | | |
| Charge (lb) | 14.0 | 12.75 | 11.75 | 11.75 |
| COND FAN | Forward Swept Propeller Type, Direct Drive | | | |
| Air Discharge | Vertical | | | |
| Air Qty (CFM) | 2850/3250 | 2900/3450 | 3300/3800 | 3800/4250 |
| Motor HP | 1/5 | | | |
| Motor RPM | 625/735 | 582/690 | 660/765 | 742/828 |
| COND COIL | | | | |
| Face Area (Sq ft) | 24.40 | | | |
| Fins per In. | 20 | | | |
| Rows | 2 | | | |
| Circuits | 8 | | | |
| VALVE CONNECT. (In. ID) | | | | |
| Vapor | 7/8 | | | |
| Liquid | 3/8 | | | |
| REFRIGERANT TUBES* (In. OD) | | | | |
| Vapor (0-80 Ft Tube Length) | 7/8 | 7/8 | 7/8 | 1-1/8 |
| Liquid (0-80 Ft Tube Length) | 3/8 | | | |

* For tubing sets between 80 and 200 ft. horizontal or 20 ft. vertical differential (250 ft. Total Equivalent Length), consult the Long Line Guideline.

Note: See unit Installation Instruction for proper installation.

VAPOR LINE SIZING AND COOLING CAPACITY LOSS PURON REFRIGERANT 2-STAGE AIR CONDITIONER APPLICATIONS

| Unit Nominal Size (Btuh) | Acceptable Liquid Line Diameters (in. O.D.) | Acceptable Vapor Line Diameters (In. O.D.) | Standard Application | | | Long Line Application Requires Accessories | | | | | | | |
|------------------------------|---|--|----------------------|----|----|--|-----|-----|-----|-----|-----|-----|-----|
| | | | 25 | 50 | 80 | 80+ | 100 | 125 | 150 | 175 | 200 | 225 | 250 |
| 24000 2-Stage Puron AC | 3/8 | 5/8 | 0 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| | | 3/4 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 |
| | | 7/8 | 0 | 0 | 0 | - | - | - | - | - | - | - | - |
| 36000 2-Stage Puron AC | | 5/8 | 1 | 2 | 4 | 4 | 5 | 6 | 7 | 9 | 10 | 11 | 13 |
| | | 3/4 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| | | 7/8 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 |
| 48000 2-Stage Puron AC | | 3/4 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 8 |
| | | 7/8 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 |
| 60000 2-Stage Puron AC | | 3/4 | 1 | 2 | 4 | 4 | 5 | 6 | 7 | 9 | 10 | 11 | 12 |
| | | 7/8 | 0 | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 5 | 5 | 6 |
| | | 1-1/8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |

Standard Length = 80 ft. or less total equivalent length

NOTE: Dashes (-) represent insufficient oil return to the compressor in heating mode. Use smaller tube diameter in this area.

Applications in this area are long line. Accessories are required as shown recommended on Long Line Application Guidelines

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

LONG LINE APPLICATION: An application is considered "Long line" when the total equivalent tubing length exceeds 80 ft. or when there is more than 20 ft. vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation.

The maximum allowable total equivalent length is 250 ft. The maximum vertical separation is 200 ft. when outdoor unit is above indoor unit, and 80 ft. when the outdoor unit is below the indoor unit. Refer to Accessory Usage Guideline below for required accessories. See Long Line Application Guideline for required piping and system modifications. Also, refer to the table below for the acceptable vapor tube diameters based on the total length to minimize the cooling capacity loss.

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ACCESSORIES

| KIT NUMBER | KIT NAME | 24-30 | 36-30 | 48-30 | 60-30 |
|--------------|--------------|-------|-------|-------|-------|
| KSASF0101AAA | SUPPORT FEET | X | X | X | X |
| KSATX0201PUR | TXV (HSO) | X | | | |
| KSATX0301PUR | TXV (HSO) | | X | | |
| KSATX0401PUR | TXV (HSO) | | | X | |
| KSATX0501PUR | TXV (HSO) | | | | X |

X = Accessory

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

Note: These Infinity series units must use “-A” revision or later to operate properly

ACCESSORY USAGE GUIDELINE

| Accessory | REQUIRED FOR LOW-AMBIENT COOLING APPLICATIONS (0°F to 55° F) | REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 Ft.) | REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles) |
|--|--|--|--|
| Crankcase Heater | Standard | Standard | Standard |
| Evaporator Freeze Thermostat | ‡ Standard with Infinity Control | No | No |
| Accumulator | No | No | No |
| Compressor Start Assist Capacitor and Relay | Not required since compressor always starts unloaded | Not required since compressor always starts unloaded | Not required since compressor always starts unloaded |
| Low Ambient Control | ‡ Standard with Infinity Control | No | No |
| Support Feet | Recommended | No | Recommended |
| Liquid Line Solenoid Valve | No | See Long Line Application Guideline | No |
| Puron Hard Shutoff TXV | Yes† | Yes† | Yes† |
| Ball Bearing Fan Motor | Standard | Standard | Standard |
| Winter Start Control | ‡ Standard with Infinity Control | No | No |

* For tubing line sets between 80 and 200 ft. and/or 20 ft. vertical differential (250 ft. Total Equivalent Length), refer to Residential Split-System Longline Application Guideline.

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

‡ Standard with Infinity Control (non-communicating thermostat is not allowed except for emergency use).

Accessory Description and Usage (Listed Alphabetically)

1. Support Feet

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

Usage Guideline:

Suggested in the following applications:

Coastal installations.

Windy areas or where debris is normally circulating.

Rooftop installations.

For improved sound ratings.

2. 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.

Usage Guideline:

ELECTRICAL DATA

| UNIT SIZE – SERIES | V/PH | OPER VOLTS* | | COMPR | | FAN | MCA | MIN WIRE SIZE† | MIN WIRE SIZE† | MAX LENGT H (FT)‡ | MAX LENGT H (FT)‡ | MAX FUSE** or CKT BRK AMPS |
|--------------------|-----------|-------------|-----|-------|------|-----|------|----------------|----------------|-------------------|-------------------|----------------------------|
| | | MAX | MIN | LRA | RLA | FLA | | 60°C | 75°C | 60°C | 75°C | |
| 24–30 | 208/230–1 | 253 | 187 | 52.0 | 10.3 | 1.1 | 13.9 | 14 | 14 | 57 | 54 | 20 |
| 36–30 | | | | 82.0 | 16.7 | 2.2 | 23.1 | 12 | 12 | 54 | 52 | 30 |
| 48–30 | | | | 96.0 | 21.2 | 2.2 | 28.7 | 10 | 10 | 69 | 66 | 40 |
| 60–30 | | | | 118.0 | 25.6 | 2.8 | 34.8 | 8 | 10 | 89 | 54 | 50 |

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

† If wire is applied at ambient greater than 30°C (86°F), consult table 310–16 of the NEC (ANSI/NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60°C (140°F) conditions, per the NEC (ANSI/NFPA 70) Article 336–26. If other than uncoated (no-plated), 60 or 75°C (140°F or 167°F) insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

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

** Time–Delay fuse.

FLA – Full Load Amps

LRA – Locked Rotor Amps

MCA – Minimum Circuit Amps

RLA – Rated Load Amps

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

All motors/compressors contain internal overload protection.

A-WEIGHTED SOUND LEVEL (dBA)

| UNIT SIZE – SERIES | STANDARD RATING | TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment) | | | | | | |
|--------------------|-----------------|--|------|------|------|------|------|------|
| | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 24–30 | 72–low stage | 51.9 | 59.9 | 53.8 | 67.0 | 54.7 | 50.0 | 45.4 |
| | 72–high stage | 52.9 | 64.4 | 58.8 | 66.5 | 55.7 | 50.5 | 47.4 |
| 36–30 | 72–low stage | 51.4 | 58.4 | 57.8 | 62.5 | 50.2 | 53.0 | 46.9 |
| | 73–high stage | 52.4 | 54.4 | 59.3 | 60.0 | 53.7 | 52.0 | 44.9 |
| 48–30 | 76–low stage | 57.4 | 51.4 | 56.8 | 55.0 | 56.7 | 50.0 | 45.9 |
| | 75–high stage | 57.4 | 56.4 | 72.8 | 62.5 | 54.7 | 53.0 | 47.9 |
| 60–30 | 76–low stage | 49.4 | 58.4 | 71.3 | 65.0 | 56.7 | 53.0 | 47.9 |
| | 74–high stage | 54.9 | 59.4 | 68.3 | 67.5 | 57.2 | 54.0 | 46.9 |

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

| UNIT SIZE – SERIES | REQUIRED SUBCOOLING (F) |
|--------------------|-------------------------|
| 24 – 30 | 11 HIGH STAGE |
| 36 – 30 | 11 HIGH STAGE |
| 48 – 30 | 11 HIGH STAGE |
| 60 – 30 | 11 HIGH STAGE |

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COMBINATION RATINGS

| Unit Size – Series | Indoor Model | ID CFM | | Capacity | | SEER | EER | Furnace Model |
|--------------------|--------------|--------|-----|----------|-------|------|------|-----------------|
| | | High | Low | High | Low | | | |
| 24–30 | *FE5ANB004 | 800 | 800 | 26600 | 20800 | 21 | 15 | |
| | FE4ANF002 | 800 | 800 | 25600 | 20000 | 19.6 | 14.1 | |
| | FE4ANF003 | 800 | 800 | 25800 | 20200 | 20.2 | 14.4 | |
| | CAP**2414A** | 800 | 800 | 25200 | 19600 | 18.5 | 13.5 | 58CV(A,X)070–12 |
| | CAP**2417A** | 800 | 800 | 25200 | 19800 | 19 | 13.9 | 58CV(A,X)090–16 |
| | CAP**2417A** | 800 | 800 | 25200 | 19800 | 18.5 | 13.7 | 58MVB060–14 |
| | CAP**3014A** | 800 | 800 | 25400 | 19800 | 18.5 | 13.7 | 58CV(A,X)070–12 |
| | CAP**3017A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)090–16 |
| | CAP**3017A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB060–14 |
| | CAP**3614A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.7 | 58CV(A,X)070–12 |
| | CAP**3614A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58CV(A,X)090–16 |
| | CAP**3614A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB060–14 |
| | CAP**3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58CV(A,X)070–12 |
| | CAP**3617A** | 800 | 800 | 25600 | 20200 | 19.5 | 14.1 | 58CV(A,X)090–16 |
| | CAP**3617A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)110–20 |
| | CAP**3617A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB060–14 |
| | CAP**3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB080–14 |
| | CAP**3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB080–20 |
| | CAP**3617A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB100–20 |
| | CAP**3621A** | 800 | 800 | 25800 | 20200 | 19.5 | 14.2 | 58CV(A,X)090–16 |
| | CAP**3621A** | 800 | 800 | 25600 | 20200 | 19.5 | 14.2 | 58CV(A,X)110–20 |
| | CAP**3621A** | 800 | 800 | 25800 | 20200 | 19.5 | 14.3 | 58CV(A,X)135–22 |
| | CAP**3621A** | 800 | 800 | 25800 | 20200 | 20 | 14.4 | 58CV(A,X)155–22 |
| | CAP**3621A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB040–14 |
| | CAP**3621A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58MVB060–14 |
| | CAP**3621A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB080–14 |
| | CAP**3621A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB080–20 |
| | CAP**3621A** | 800 | 800 | 25600 | 20200 | 19.5 | 14.1 | 58MVB100–20 |
| | CAP**3621A** | 800 | 800 | 25600 | 20200 | 19.5 | 14.1 | 58MVB120–20 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19600 | 18 | 13.4 | 58CV(A,X)070–12 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19800 | 18.5 | 13.6 | 58CV(A,X)090–16 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19600 | 18.5 | 13.5 | 58CV(A,X)110–20 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19800 | 18.5 | 13.6 | 58CV(A,X)135–22 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19800 | 18.5 | 13.7 | 58CV(A,X)155–22 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19600 | 18 | 13.4 | 58MVB040–14 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19600 | 18 | 13.5 | 58MVB060–14 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19600 | 18 | 13.3 | 58MVB080–14 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19600 | 18 | 13.4 | 58MVB080–20 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19800 | 18.5 | 13.5 | 58MVB100–20 |
| | CNPH*2417A** | 800 | 800 | 25200 | 19800 | 18.5 | 13.6 | 58MVB120–20 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58CV(A,X)070–12 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19.5 | 14 | 58CV(A,X)090–16 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58CV(A,X)110–20 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)135–22 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)155–22 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58MVB040–14 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB060–14 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080–14 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080–20 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB100–20 |
| | CNPH*3017A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB120–20 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58CV(A,X)070–12 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19.5 | 14 | 58CV(A,X)090–16 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58CV(A,X)110–20 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)135–22 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)155–22 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58MVB040–14 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB060–14 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080–14 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080–20 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB100–20 |
| | CNPH*3617A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB120–20 |
| | CNPV*2414A** | 800 | 800 | 25200 | 19600 | 18 | 13.4 | 58CV(A,X)070–12 |
| | CNPV*2417A** | 800 | 800 | 25200 | 19800 | 18.5 | 13.6 | 58CV(A,X)090–16 |
| | CNPV*2417A** | 800 | 800 | 25200 | 19600 | 18 | 13.5 | 58MVB060–14 |
| | CNPV*3014A** | 800 | 800 | 25400 | 19800 | 18.5 | 13.6 | 58CV(A,X)070–12 |
| | CNPV*3017A** | 800 | 800 | 25600 | 20000 | 19.5 | 14 | 58CV(A,X)090–16 |

See notes on pg. 11

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COMBINATION RATINGS CONTINUED

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| Unit Size – Series | Indoor Model | ID CFM | | Capacity | | SEER | EER | Furnace Model |
|--------------------|--------------|--------|-------|----------|-------|------|-----------------|-----------------|
| | | High | Low | High | Low | | | |
| 24-30 | CNPV*3017A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB060-14 |
| | CNPV*3617A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58CV(A,X)070-12 |
| | CNPV*3617A** | 800 | 800 | 25600 | 20000 | 19.5 | 14 | 58CV(A,X)090-16 |
| | CNPV*3617A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58CV(A,X)110-20 |
| | CNPV*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB060-14 |
| | CNPV*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080-14 |
| | CNPV*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080-20 |
| | CNPV*3617A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB100-20 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)090-16 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58CV(A,X)110-20 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)135-22 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19.5 | 14.1 | 58CV(A,X)155-22 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB040-14 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB060-14 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080-14 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB080-20 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB100-20 |
| | CNPV*3621A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB120-20 |
| | CSPH*2412A** | 800 | 800 | 25600 | 19800 | 18.5 | 13.5 | 58CV(A,X)070-12 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58CV(A,X)090-16 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.6 | 58CV(A,X)110-20 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.7 | 58CV(A,X)135-22 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58CV(A,X)155-22 |
| | CSPH*2412A** | 800 | 800 | 25400 | 19800 | 18 | 13.5 | 58MVB040-14 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.6 | 58MVB060-14 |
| | CSPH*2412A** | 800 | 800 | 25400 | 19800 | 18 | 13.5 | 58MVB080-14 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.6 | 58MVB080-20 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.7 | 58MVB100-20 |
| | CSPH*2412A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.7 | 58MVB120-20 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.7 | 58CV(A,X)070-12 |
| | CSPH*3012A** | 800 | 800 | 25800 | 20200 | 19 | 14 | 58CV(A,X)090-16 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58CV(A,X)110-20 |
| | CSPH*3012A** | 800 | 800 | 25800 | 20200 | 19 | 14 | 58CV(A,X)135-22 |
| | CSPH*3012A** | 800 | 800 | 25800 | 20200 | 19 | 14 | 58CV(A,X)155-22 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.7 | 58MVB040-14 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 19 | 13.8 | 58MVB060-14 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.7 | 58MVB080-14 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 18.5 | 13.8 | 58MVB080-20 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 19 | 13.9 | 58MVB100-20 |
| | CSPH*3012A** | 800 | 800 | 25600 | 20000 | 19 | 14 | 58MVB120-20 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20200 | 19 | 14 | 58CV(A,X)070-12 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19.5 | 14.3 | 58CV(A,X)090-16 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19.5 | 14.2 | 58CV(A,X)110-20 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19.5 | 14.3 | 58CV(A,X)135-22 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20400 | 20 | 14.4 | 58CV(A,X)155-22 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19 | 14 | 58MVB040-14 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19.5 | 14.1 | 58MVB060-14 |
| | CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19 | 14.1 | 58MVB080-14 |
| CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19 | 14.1 | 58MVB080-20 | |
| CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19.5 | 14.2 | 58MVB100-20 | |
| CSPH*3612A** | 800 | 800 | 26000 | 20400 | 19.5 | 14.2 | 58MVB120-20 | |
| *FE5ANB004 | 1200 | 925 | 38000 | 27000 | 20 | 14.6 | | |
| FE4AN(B,F)003 | 1200 | 925 | 36600 | 25800 | 18.3 | 13.7 | | |
| FE4AN(B,F)005 | 1200 | 925 | 38000 | 26600 | 19 | 14.3 | | |
| FE4ANB006 | 1200 | 925 | 38000 | 27000 | 19.5 | 14.6 | | |
| FE4ANF002 | 1200 | 925 | 36200 | 25600 | 17.5 | 13 | | |
| CAP**3614A** | 1200 | 925 | 36200 | 25800 | 17.5 | 12.7 | 58CV(A,X)070-12 | |
| CAP**3617A** | 1200 | 925 | 36000 | 25800 | 17.5 | 12.8 | 58CV(A,X)070-12 | |
| CAP**3617A** | 1200 | 925 | 36400 | 25800 | 18 | 13.3 | 58CV(A,X)090-16 | |
| CAP**3617A** | 1200 | 925 | 36400 | 25800 | 18 | 13.2 | 58MVB060-14 | |
| CAP**3621A** | 1200 | 925 | 36400 | 25800 | 18.2 | 13.5 | 58CV(A,X)110-20 | |
| CAP**3621A** | 1200 | 925 | 36400 | 25800 | 18 | 13.1 | 58MVB080-14 | |
| CAP**3621A** | 1200 | 925 | 36400 | 25800 | 18 | 13.2 | 58MVB080-20 | |
| CAP**3621A** | 1200 | 925 | 36400 | 25800 | 18 | 13.4 | 58MVB100-20 | |
| CAP**4221A** | 1200 | 925 | 36600 | 26000 | 18.5 | 13.4 | 58CV(A,X)090-16 | |
| CAP**4221A** | 1200 | 925 | 36800 | 26000 | 18.2 | 13.6 | 58CV(A,X)110-20 | |
| CAP**4221A** | 1200 | 925 | 36600 | 26000 | 18 | 13.1 | 58MVB080-14 | |
| CAP**4221A** | 1200 | 925 | 36600 | 26000 | 18 | 13.3 | 58MVB080-20 | |
| CAP**4221A** | 1200 | 925 | 36800 | 26000 | 18 | 13.4 | 58MVB100-20 | |

See notes on pg. 11

COMBINATION RATINGS CONTINUED

| Unit Size – Series | Indoor Model | ID CFM | | Capacity | | SEER | EER | Furnace Model |
|--------------------|--------------|--------|-----|----------|-------|------|------|-----------------|
| | | High | Low | High | Low | | | |
| 36-30 | CAP**4224A** | 1200 | 925 | 36800 | 26000 | 18.5 | 13.8 | 58CV(A,X)135-22 |
| | CAP**4224A** | 1200 | 925 | 37000 | 26200 | 18.7 | 13.9 | 58CV(A,X)155-22 |
| | CAP**4224A** | 1200 | 925 | 36600 | 26000 | 18 | 13.3 | 58MVB040-14 |
| | CAP**4224A** | 1200 | 925 | 36800 | 26000 | 18.2 | 13.6 | 58MVB120-20 |
| | CAP**4817A** | 1200 | 925 | 37600 | 26400 | 18 | 13.3 | 58CV(A,X)070-12 |
| | CAP**4817A** | 1200 | 925 | 37800 | 26600 | 18.5 | 13.8 | 58CV(A,X)090-16 |
| | CAP**4817A** | 1200 | 925 | 37600 | 26600 | 18.5 | 13.7 | 58CV(A,X)110-20 |
| | CAP**4817A** | 1200 | 925 | 37600 | 26600 | 18.5 | 13.6 | 58MVB060-14 |
| | CAP**4817A** | 1200 | 925 | 37600 | 26400 | 18 | 13.3 | 58MVB080-14 |
| | CAP**4817A** | 1200 | 925 | 37600 | 26400 | 18 | 13.5 | 58MVB080-20 |
| | CAP**4817A** | 1200 | 925 | 37600 | 26600 | 18.5 | 13.6 | 58MVB100-20 |
| | CAP**4821A** | 1200 | 925 | 37400 | 26400 | 18.7 | 13.8 | 58CV(A,X)090-16 |
| | CAP**4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58CV(A,X)110-20 |
| | CAP**4821A** | 1200 | 925 | 37600 | 26400 | 19 | 14 | 58CV(A,X)135-22 |
| | CAP**4821A** | 1200 | 925 | 37600 | 26400 | 19 | 14 | 58CV(A,X)155-22 |
| | CAP**4821A** | 1200 | 925 | 37200 | 26400 | 18 | 13.4 | 58MVB040-14 |
| | CAP**4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.6 | 58MVB060-14 |
| | CAP**4821A** | 1200 | 925 | 37200 | 26400 | 18.2 | 13.3 | 58MVB080-14 |
| | CAP**4821A** | 1200 | 925 | 37200 | 26400 | 18 | 13.5 | 58MVB080-20 |
| | CAP**4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.6 | 58MVB100-20 |
| | CAP**4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.7 | 58MVB100-20 |
| | CAP**4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.7 | 58MVB120-20 |
| | CAP**4824A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58CV(A,X)110-20 |
| | CAP**4824A** | 1200 | 925 | 37600 | 26400 | 18.7 | 14 | 58CV(A,X)135-22 |
| | CAP**4824A** | 1200 | 925 | 37600 | 26400 | 19 | 14.1 | 58CV(A,X)155-22 |
| | CAP**4824A** | 1200 | 925 | 37200 | 26200 | 18 | 13.4 | 58MVB040-14 |
| | CAP**4824A** | 1200 | 925 | 37200 | 26400 | 18.2 | 13.4 | 58MVB080-14 |
| | CAP**4824A** | 1200 | 925 | 37400 | 26400 | 18 | 13.5 | 58MVB080-20 |
| | CAP**4824A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.7 | 58MVB100-20 |
| | CAP**4824A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58MVB120-20 |
| | CNPH*3617A** | 1200 | 925 | 36200 | 25600 | 17.5 | 12.8 | 58CV(A,X)070-12 |
| | CNPH*3617A** | 1200 | 925 | 36400 | 25800 | 18 | 13.2 | 58CV(A,X)090-16 |
| | CNPH*3617A** | 1200 | 925 | 36200 | 25800 | 17.8 | 13.1 | 58CV(A,X)110-20 |
| | CNPH*3617A** | 1200 | 925 | 36400 | 25800 | 18 | 13.3 | 58CV(A,X)135-22 |
| | CNPH*3617A** | 1200 | 925 | 36400 | 25800 | 18 | 13.4 | 58CV(A,X)155-22 |
| | CNPH*3617A** | 1200 | 925 | 36200 | 25800 | 17.5 | 12.8 | 58MVB040-14 |
| | CNPH*3617A** | 1200 | 925 | 36200 | 25800 | 17.7 | 13 | 58MVB060-14 |
| | CNPH*3617A** | 1200 | 925 | 36200 | 25800 | 17.5 | 12.8 | 58MVB080-14 |
| | CNPH*3617A** | 1200 | 925 | 36200 | 25800 | 17.5 | 12.9 | 58MVB080-20 |
| | CNPH*3617A** | 1200 | 925 | 36200 | 25800 | 17.7 | 13 | 58MVB100-20 |
| | CNPH*3617A** | 1200 | 925 | 36400 | 25800 | 18 | 13.2 | 58MVB120-20 |
| | CNPH*4221A** | 1200 | 925 | 36800 | 26000 | 18 | 13.4 | 58CV(A,X)070-12 |
| | CNPH*4221A** | 1200 | 925 | 37000 | 26200 | 19 | 13.8 | 58CV(A,X)090-16 |
| | CNPH*4221A** | 1200 | 925 | 37000 | 26200 | 19 | 14 | 58CV(A,X)110-20 |
| | CNPH*4221A** | 1200 | 925 | 37000 | 26200 | 19 | 14.1 | 58CV(A,X)135-22 |
| | CNPH*4221A** | 1200 | 925 | 37200 | 26200 | 19 | 14.2 | 58CV(A,X)155-22 |
| | CNPH*4221A** | 1200 | 925 | 36800 | 26000 | 18.5 | 13.5 | 58MVB040-14 |
| | CNPH*4221A** | 1200 | 925 | 36800 | 26200 | 18.5 | 13.6 | 58MVB060-14 |
| | CNPH*4221A** | 1200 | 925 | 36800 | 26200 | 18.5 | 13.5 | 58MVB080-14 |
| | CNPH*4221A** | 1200 | 925 | 36800 | 26000 | 18.5 | 13.5 | 58MVB080-20 |
| | CNPH*4221A** | 1200 | 925 | 37000 | 26200 | 18.5 | 13.8 | 58MVB100-20 |
| | CNPH*4221A** | 1200 | 925 | 37000 | 26200 | 18.7 | 13.9 | 58MVB120-20 |
| | CNPH*4821A** | 1200 | 925 | 37200 | 26400 | 18 | 13.4 | 58CV(A,X)070-12 |
| | CNPH*4821A** | 1200 | 925 | 37400 | 26400 | 18.7 | 13.8 | 58CV(A,X)090-16 |
| | CNPH*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58CV(A,X)110-20 |
| | CNPH*4821A** | 1200 | 925 | 37600 | 26400 | 19 | 14 | 58CV(A,X)135-22 |
| | CNPH*4821A** | 1200 | 925 | 37600 | 26400 | 19 | 14.1 | 58CV(A,X)155-22 |
| | CNPH*4821A** | 1200 | 925 | 37400 | 26400 | 18.2 | 13.5 | 58MVB040-14 |
| | CNPH*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.6 | 58MVB060-14 |
| | CNPH*4821A** | 1200 | 925 | 37200 | 26400 | 18.5 | 13.4 | 58MVB080-14 |
| | CNPH*4821A** | 1200 | 925 | 37400 | 26400 | 18 | 13.5 | 58MVB080-20 |
| | CNPH*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.7 | 58MVB100-20 |
| | CNPH*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58MVB120-20 |
| | CNPV*3617A** | 1200 | 925 | 36000 | 25600 | 17.5 | 12.7 | 58CV(A,X)070-12 |
| | CNPV*3617A** | 1200 | 925 | 36400 | 25800 | 18 | 13.2 | 58CV(A,X)090-16 |
| | CNPV*3617A** | 1200 | 925 | 36200 | 25800 | 17.7 | 13 | 58MVB060-14 |
| | CNPV*3621A** | 1200 | 925 | 36400 | 25800 | 18 | 13.2 | 58CV(A,X)110-20 |
| | CNPV*3621A** | 1200 | 925 | 36200 | 25800 | 17.5 | 12.8 | 58MVB080-14 |
| | CNPV*3621A** | 1200 | 925 | 36200 | 25800 | 17.5 | 13 | 58MVB080-20 |
| | CNPV*3621A** | 1200 | 925 | 36200 | 25800 | 17.7 | 13.1 | 58MVB100-20 |
| | CNPV*4221A** | 1200 | 925 | 37000 | 26200 | 19 | 14 | 58CV(A,X)110-20 |

24ANA1

See notes on pg. 11

COMBINATION RATINGS CONTINUED

24ANA1

| Unit Size – Series | Indoor Model | ID CFM | | Capacity | | SEER | EER | Furnace Model |
|--------------------|--------------|--------|-------|----------|-------|------|-----------------|-----------------|
| | | High | Low | High | Low | | | |
| 36–30 | CNPV*4221A** | 1200 | 925 | 36800 | 26200 | 18.5 | 13.5 | 58MVB080–14 |
| | CNPV*4221A** | 1200 | 925 | 36800 | 26000 | 18.5 | 13.5 | 58MVB080–20 |
| | CNPV*4221A** | 1200 | 925 | 37000 | 26200 | 18.5 | 13.8 | 58MVB100–20 |
| | CNPV*4821A** | 1200 | 925 | 37400 | 26400 | 18.7 | 13.8 | 58CV(A,X)090–16 |
| | CNPV*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58CV(A,X)110–20 |
| | CNPV*4821A** | 1200 | 925 | 37600 | 26400 | 19 | 14 | 58CV(A,X)135–22 |
| | CNPV*4821A** | 1200 | 925 | 37600 | 26400 | 19 | 14.1 | 58CV(A,X)155–22 |
| | CNPV*4821A** | 1200 | 925 | 37400 | 26400 | 18.2 | 13.5 | 58MVB040–14 |
| | CNPV*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.6 | 58MVB060–14 |
| | CNPV*4821A** | 1200 | 925 | 37200 | 26400 | 18.5 | 13.4 | 58MVB080–14 |
| | CNPV*4821A** | 1200 | 925 | 37400 | 26400 | 18.2 | 13.5 | 58MVB080–20 |
| | CNPV*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.7 | 58MVB100–20 |
| | CNPV*4821A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58MVB120–20 |
| | CNPV*4824A** | 1200 | 925 | 37400 | 26400 | 18.7 | 13.8 | 58CV(A,X)110–20 |
| | CNPV*4824A** | 1200 | 925 | 37600 | 26400 | 19 | 14 | 58CV(A,X)135–22 |
| | CNPV*4824A** | 1200 | 925 | 37600 | 26400 | 19 | 14.1 | 58CV(A,X)155–22 |
| | CNPV*4824A** | 1200 | 925 | 37400 | 26400 | 18.2 | 13.5 | 58MVB040–14 |
| | CNPV*4824A** | 1200 | 925 | 37200 | 26400 | 18.5 | 13.4 | 58MVB080–14 |
| | CNPV*4824A** | 1200 | 925 | 37400 | 26400 | 18.2 | 13.5 | 58MVB080–20 |
| | CNPV*4824A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.7 | 58MVB100–20 |
| | CNPV*4824A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58MVB120–20 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26200 | 18 | 13.2 | 58CV(A,X)070–12 |
| | CSPH*3612A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.6 | 58CV(A,X)090–16 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26400 | 18.2 | 13.6 | 58CV(A,X)110–20 |
| | CSPH*3612A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.8 | 58CV(A,X)135–22 |
| | CSPH*3612A** | 1200 | 925 | 37400 | 26400 | 18.7 | 13.9 | 58CV(A,X)155–22 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26200 | 18 | 13.3 | 58MVB040–14 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26200 | 18 | 13.4 | 58MVB060–14 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26200 | 18 | 13.2 | 58MVB080–14 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26200 | 18 | 13.4 | 58MVB080–20 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26200 | 18 | 13.4 | 58MVB080–20 |
| | CSPH*3612A** | 1200 | 925 | 37200 | 26200 | 18 | 13.5 | 58MVB100–20 |
| | CSPH*3612A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.6 | 58MVB120–20 |
| | CSPH*4212A** | 1200 | 925 | 37400 | 26400 | 18 | 13.3 | 58CV(A,X)070–12 |
| | CSPH*4212A** | 1200 | 925 | 37600 | 26400 | 18.7 | 13.8 | 58CV(A,X)090–16 |
| | CSPH*4212A** | 1200 | 925 | 37600 | 26400 | 18.5 | 13.7 | 58CV(A,X)110–20 |
| | CSPH*4212A** | 1200 | 925 | 37600 | 26400 | 18.7 | 13.9 | 58CV(A,X)135–22 |
| | CSPH*4212A** | 1200 | 925 | 37600 | 26600 | 19 | 14 | 58CV(A,X)155–22 |
| | CSPH*4212A** | 1200 | 925 | 37400 | 26400 | 18 | 13.4 | 58MVB040–14 |
| | CSPH*4212A** | 1200 | 925 | 37400 | 26400 | 18.5 | 13.6 | 58MVB060–14 |
| | CSPH*4212A** | 1200 | 925 | 37400 | 26400 | 18 | 13.3 | 58MVB080–14 |
| | CSPH*4212A** | 1200 | 925 | 37400 | 26400 | 18 | 13.5 | 58MVB080–20 |
| | CSPH*4212A** | 1200 | 925 | 37600 | 26400 | 18.5 | 13.6 | 58MVB100–20 |
| | CSPH*4212A** | 1200 | 925 | 37600 | 26400 | 18.5 | 13.7 | 58MVB120–20 |
| | CSPH*4812A** | 1200 | 925 | 37600 | 26400 | 18 | 13.3 | 58CV(A,X)070–12 |
| | CSPH*4812A** | 1200 | 925 | 37800 | 26600 | 18.7 | 13.8 | 58CV(A,X)090–16 |
| | CSPH*4812A** | 1200 | 925 | 37800 | 26600 | 18.5 | 13.8 | 58CV(A,X)110–20 |
| | CSPH*4812A** | 1200 | 925 | 37800 | 26600 | 19 | 14 | 58CV(A,X)135–22 |
| CSPH*4812A** | 1200 | 925 | 37800 | 26600 | 19 | 14.1 | 58CV(A,X)155–22 | |
| CSPH*4812A** | 1200 | 925 | 37600 | 26400 | 18 | 13.4 | 58MVB040–14 | |
| CSPH*4812A** | 1200 | 925 | 37600 | 26600 | 18.5 | 13.6 | 58MVB060–14 | |
| CSPH*4812A** | 1200 | 925 | 37600 | 26400 | 18 | 13.4 | 58MVB080–14 | |
| CSPH*4812A** | 1200 | 925 | 37600 | 26400 | 18 | 13.5 | 58MVB080–20 | |
| CSPH*4812A** | 1200 | 925 | 37600 | 26600 | 18.5 | 13.6 | 58MVB100–20 | |
| CSPH*4812A** | 1200 | 925 | 37800 | 26600 | 18.5 | 13.8 | 58MVB120–20 | |
| *FE4ANB006 | 1400 | 1120 | 48500 | 35400 | 17.3 | 13.4 | | |
| FE4AN(B,F)005 | 1400 | 1120 | 47500 | 34800 | 16.8 | 13 | | |
| 48–30 | CAP**4817A** | 1400 | 1120 | 47000 | 34600 | 16 | 12.3 | 58CV(A,X)090–16 |
| | CAP**4821A** | 1400 | 1120 | 46500 | 34200 | 16 | 12.3 | 58CV(A,X)090–16 |
| | CAP**4821A** | 1400 | 1120 | 46500 | 34200 | 16 | 12.4 | 58CV(A,X)110–20 |
| | CAP**4821A** | 1400 | 1120 | 46500 | 34200 | 15.7 | 12.2 | 58MVB080–20 |
| | CAP**4821A** | 1400 | 1120 | 46500 | 34200 | 16 | 12.3 | 58MVB100–20 |
| | CAP**4824A** | 1400 | 1120 | 46500 | 34400 | 16.5 | 12.6 | 58CV(A,X)135–22 |
| | CAP**4824A** | 1400 | 1120 | 46500 | 34400 | 16.5 | 12.7 | 58CV(A,X)155–22 |
| | CAP**4824A** | 1400 | 1120 | 46500 | 34200 | 16 | 12.3 | 58MVB120–20 |
| | CAP**6021A** | 1400 | 1120 | 47500 | 35000 | 16.5 | 12.6 | 58CV(A,X)090–16 |
| | CAP**6021A** | 1400 | 1120 | 48000 | 35000 | 16.5 | 12.8 | 58CV(A,X)110–20 |
| | CAP**6021A** | 1400 | 1120 | 47500 | 34800 | 16 | 12.5 | 58MVB080–20 |
| | CAP**6021A** | 1400 | 1120 | 47500 | 35000 | 16.5 | 12.6 | 58MVB100–20 |
| CAP**6024A** | 1400 | 1120 | 48000 | 35000 | 16.5 | 12.9 | 58CV(A,X)135–22 | |

See notes on pg. 11

COMBINATION RATINGS CONTINUED

| Unit Size – Series | Indoor Model | ID CFM | | Capacity | | SEER | EER | Furnace Model |
|--------------------|--------------|--------|-------|----------|-------|------|-----------------|-----------------|
| | | High | Low | High | Low | | | |
| 48–30 | CAP**6024A** | 1400 | 1120 | 48000 | 35000 | 16.7 | 13 | 58CV(A,X)155–22 |
| | CAP**6024A** | 1400 | 1120 | 47500 | 35000 | 16.5 | 12.6 | 58MVB120–20 |
| | CNPH*4821A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.4 | 58CV(A,X)090–16 |
| | CNPH*4821A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.5 | 58CV(A,X)110–20 |
| | CNPH*4821A** | 1400 | 1120 | 46500 | 34400 | 16.5 | 12.6 | 58CV(A,X)135–22 |
| | CNPH*4821A** | 1400 | 1120 | 47000 | 34400 | 16.5 | 12.7 | 58CV(A,X)155–22 |
| | CNPH*4821A** | 1400 | 1120 | 46500 | 34200 | 15.8 | 12.2 | 58MVB080–20 |
| | CNPH*4821A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.3 | 58MVB100–20 |
| | CNPH*4821A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.4 | 58MVB120–20 |
| | CNPH*6024A** | 1400 | 1120 | 47500 | 34800 | 16.5 | 12.7 | 58CV(A,X)090–16 |
| | CNPH*6024A** | 1400 | 1120 | 47500 | 34800 | 16.5 | 12.7 | 58CV(A,X)110–20 |
| | CNPH*6024A** | 1400 | 1120 | 47500 | 35000 | 16.5 | 12.9 | 58CV(A,X)135–22 |
| | CNPH*6024A** | 1400 | 1120 | 47500 | 35000 | 16.8 | 13 | 58CV(A,X)155–22 |
| | CNPH*6024A** | 1400 | 1120 | 47500 | 34800 | 16 | 12.5 | 58MVB080–20 |
| | CNPH*6024A** | 1400 | 1120 | 47500 | 34800 | 16 | 12.6 | 58MVB100–20 |
| | CNPH*6024A** | 1400 | 1120 | 47500 | 34800 | 16.5 | 12.6 | 58MVB120–20 |
| | CNPV*4821A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.3 | 58CV(A,X)090–16 |
| | CNPV*4821A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.5 | 58CV(A,X)110–20 |
| | CNPV*4821A** | 1400 | 1120 | 46500 | 34200 | 15.8 | 12.2 | 58MVB080–20 |
| | CNPV*4821A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.3 | 58MVB100–20 |
| | CNPV*4824A** | 1400 | 1120 | 46500 | 34400 | 16.5 | 12.6 | 58CV(A,X)135–22 |
| | CNPV*4824A** | 1400 | 1120 | 47000 | 34400 | 16.5 | 12.7 | 58CV(A,X)155–22 |
| | CNPV*4824A** | 1400 | 1120 | 46500 | 34400 | 16 | 12.4 | 58MVB120–20 |
| | CNPV*6024A** | 1400 | 1120 | 47500 | 35000 | 16.5 | 12.9 | 58CV(A,X)135–22 |
| | CNPV*6024A** | 1400 | 1120 | 47500 | 35000 | 16.8 | 13 | 58CV(A,X)155–22 |
| | CNPV*6024A** | 1400 | 1120 | 47500 | 34800 | 16.5 | 12.6 | 58MVB120–20 |
| | CSPH*4812A** | 1400 | 1120 | 47000 | 34600 | 16 | 12.4 | 58CV(A,X)090–16 |
| | CSPH*4812A** | 1400 | 1120 | 47000 | 34600 | 16 | 12.4 | 58CV(A,X)110–20 |
| | CSPH*4812A** | 1400 | 1120 | 47000 | 34600 | 16.5 | 12.6 | 58CV(A,X)135–22 |
| | CSPH*4812A** | 1400 | 1120 | 47000 | 34600 | 16.5 | 12.7 | 58CV(A,X)155–22 |
| | CSPH*4812A** | 1400 | 1120 | 47000 | 34400 | 15.8 | 12.2 | 58MVB080–20 |
| | CSPH*4812A** | 1400 | 1120 | 47000 | 34400 | 16 | 12.3 | 58MVB100–20 |
| | CSPH*4812A** | 1400 | 1120 | 47000 | 34600 | 16 | 12.4 | 58MVB120–20 |
| | CSPH*6012A** | 1400 | 1120 | 48000 | 35000 | 16.5 | 12.7 | 58CV(A,X)090–16 |
| | CSPH*6012A** | 1400 | 1120 | 48000 | 35000 | 16.5 | 12.8 | 58CV(A,X)110–20 |
| | CSPH*6012A** | 1400 | 1120 | 48000 | 35200 | 16.5 | 13 | 58CV(A,X)135–22 |
| | CSPH*6012A** | 1400 | 1120 | 48000 | 35200 | 17 | 13.1 | 58CV(A,X)155–22 |
| | CSPH*6012A** | 1400 | 1120 | 47500 | 35000 | 16 | 12.5 | 58MVB080–20 |
| | CSPH*6012A** | 1400 | 1120 | 48000 | 35000 | 16.5 | 12.6 | 58MVB100–20 |
| | CSPH*6012A** | 1400 | 1120 | 48000 | 35000 | 16.5 | 12.7 | 58MVB120–20 |
| | *FE4ANB006 | 1750 | 1400 | 58500 | 42000 | 16 | 12.2 | |
| | CAP**6021A** | 1750 | 1400 | 57000 | 42000 | 14.5 | 11.1 | 58MVB080–20 |
| | CAP**6021A** | 1750 | 1400 | 57000 | 42000 | 14.8 | 11.3 | 58MVB100–20 |
| | CAP**6021A** | 1750 | 1400 | 57500 | 42400 | 15 | 11.6 | 58CV(A,X)110–20 |
| | CAP**6024A** | 1750 | 1400 | 57000 | 42000 | 15 | 11.4 | 58MVB120–20 |
| | CAP**6024A** | 1750 | 1400 | 57500 | 42400 | 15.2 | 11.8 | 58CV(A,X)135–22 |
| | CAP**6024A** | 1750 | 1400 | 57500 | 42400 | 15.5 | 11.9 | 58CV(A,X)155–22 |
| | CNPV*6024A** | 1750 | 1400 | 57000 | 42000 | 15 | 11.4 | 58MVB120–20 |
| CNPV*6024A** | 1750 | 1400 | 57500 | 42400 | 15.2 | 11.8 | 58CV(A,X)135–22 | |
| CNPV*6024A** | 1750 | 1400 | 57500 | 42400 | 15.5 | 11.9 | 58CV(A,X)155–22 | |
| CNPH*6024A** | 1750 | 1400 | 56500 | 42000 | 14.5 | 11.1 | 58MVB080–20 | |
| CNPH*6024A** | 1750 | 1400 | 57000 | 42000 | 14.7 | 11.3 | 58MVB100–20 | |
| CNPH*6024A** | 1750 | 1400 | 57000 | 42000 | 15 | 11.4 | 58MVB120–20 | |
| CNPH*6024A** | 1750 | 1400 | 57000 | 42000 | 15 | 11.6 | 58CV(A,X)110–20 | |
| CNPH*6024A** | 1750 | 1400 | 57500 | 42400 | 15.2 | 11.8 | 58CV(A,X)135–22 | |
| CNPH*6024A** | 1750 | 1400 | 57500 | 42400 | 15.5 | 11.9 | 58CV(A,X)155–22 | |
| CSPH*6012A** | 1750 | 1400 | 57000 | 42000 | 14.5 | 11.2 | 58MVB080–20 | |
| CSPH*6012A** | 1750 | 1400 | 57500 | 42400 | 15 | 11.4 | 58MVB100–20 | |
| CSPH*6012A** | 1750 | 1400 | 57500 | 42400 | 15 | 11.5 | 58MVB120–20 | |
| CSPH*6012A** | 1750 | 1400 | 57500 | 42400 | 15 | 11.7 | 58CV(A,X)110–20 | |
| CSPH*6012A** | 1750 | 1400 | 57500 | 42400 | 15.5 | 11.9 | 58CV(A,X)135–22 | |
| CSPH*6012A** | 1750 | 1400 | 58000 | 42400 | 15.5 | 11.9 | 58CV(A,X)155–22 | |

* Tested combination

EER — Energy Efficiency Ratio

SEER — Seasonal Energy Efficiency Ratio

TXV — Thermostatic Expansion Valve

NOTES:

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

24ANA1

DETAILED COOLING CAPACITIES

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | |
|---|-----|---|-------------------|-------|-----------------|-------------------|-------|-----------------|-------------------|-------|-----------------|-------------------|-------|-----------------|-------------------|-------|-----------------|-------------------|-------|
| CFM | EWB | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| | | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† |
| 24ANA124A30 Outdoor Section With FE5ANB004 Indoor Section – High Stage | | | | | | | | | | | | | | | | | | | |
| | 72 | 31.17 | 16.07 | 1.44 | 29.97 | 15.63 | 1.60 | 28.69 | 15.17 | 1.78 | 27.29 | 14.67 | 1.97 | 25.76 | 14.13 | 2.18 | 24.05 | 13.53 | 2.42 |
| | 67 | 28.22 | 14.46 | 1.42 | 27.12 | 14.04 | 1.58 | 25.94 | 13.60 | 1.76 | 24.67 | 13.12 | 1.95 | 23.26 | 12.59 | 2.16 | 21.67 | 12.01 | 2.40 |
| | 63 | 26.17 | 13.34 | 1.40 | 25.15 | 12.92 | 1.57 | 24.05 | 12.53 | 1.74 | 22.85 | 11.99 | 1.93 | 21.53 | 11.53 | 2.14 | 20.05 | 11.00 | 2.38 |
| | 62 | 25.56 | 12.82 | 1.40 | 24.56 | 12.43 | 1.56 | 23.48 | 12.00 | 1.74 | 22.31 | 11.54 | 1.93 | 21.04 | 11.07 | 2.14 | 19.90 | 10.50 | 2.38 |
| | 57 | 24.41 | 12.11 | 1.39 | 23.68 | 11.73 | 1.55 | 22.89 | 11.62 | 1.73 | 21.62 | 11.07 | 1.92 | 20.12 | 10.57 | 2.14 | 19.89 | 10.00 | 2.38 |
| | 72 | 31.63 | 16.53 | 1.45 | 30.39 | 16.09 | 1.61 | 29.07 | 15.62 | 1.79 | 27.64 | 15.12 | 1.98 | 26.06 | 14.57 | 2.19 | 24.30 | 13.97 | 2.43 |
| | 67 | 28.64 | 15.01 | 1.43 | 27.51 | 14.94 | 1.59 | 26.29 | 14.47 | 1.76 | 24.98 | 14.00 | 1.95 | 23.53 | 13.00 | 2.17 | 21.91 | 13.00 | 2.41 |
| | 63 | 26.57 | 13.89 | 1.41 | 25.51 | 13.81 | 1.57 | 24.38 | 13.34 | 1.75 | 23.14 | 12.87 | 1.94 | 21.79 | 11.90 | 2.15 | 20.27 | 11.50 | 2.39 |
| | 62 | 25.95 | 13.37 | 1.41 | 24.92 | 13.37 | 1.57 | 23.81 | 12.91 | 1.74 | 22.62 | 12.46 | 1.93 | 21.53 | 11.53 | 2.15 | 20.36 | 11.00 | 2.39 |
| | 57 | 25.06 | 12.66 | 1.40 | 24.30 | 12.66 | 1.56 | 23.47 | 12.25 | 1.74 | 22.56 | 12.25 | 1.93 | 21.53 | 11.53 | 2.15 | 20.36 | 10.50 | 2.39 |
| | 72 | 32.04 | 16.98 | 1.46 | 30.76 | 16.54 | 1.62 | 29.40 | 16.06 | 1.79 | 27.93 | 15.56 | 1.99 | 26.32 | 14.51 | 2.20 | 24.53 | 14.41 | 2.44 |
| | 67 | 29.01 | 15.46 | 1.43 | 27.85 | 15.43 | 1.60 | 26.60 | 14.96 | 1.77 | 25.25 | 14.49 | 1.96 | 23.77 | 13.44 | 2.17 | 22.11 | 13.37 | 2.41 |
| | 63 | 26.92 | 14.34 | 1.42 | 25.83 | 14.34 | 1.58 | 24.67 | 13.87 | 1.75 | 23.40 | 13.40 | 1.94 | 22.01 | 12.41 | 2.16 | 20.46 | 12.37 | 2.39 |
| | 62 | 26.30 | 13.82 | 1.41 | 25.24 | 13.82 | 1.58 | 24.12 | 13.35 | 1.75 | 23.06 | 12.91 | 1.94 | 22.00 | 12.00 | 2.16 | 20.78 | 11.87 | 2.40 |
| | 57 | 25.67 | 13.30 | 1.41 | 24.88 | 13.30 | 1.57 | 24.01 | 12.82 | 1.75 | 23.06 | 12.36 | 1.94 | 22.00 | 11.87 | 2.16 | 20.78 | 11.37 | 2.40 |
| CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | |
| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | |
| CFM | EWB | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| | | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† | Capacity MBtuht | Total System KW** | Sens† |
| 24ANA124A30 Outdoor Section With FE5ANB004 Indoor Section – Low Stage | | | | | | | | | | | | | | | | | | | |
| | 72 | 25.69 | 14.00 | 0.95 | 24.27 | 13.44 | 1.07 | 22.81 | 12.87 | 1.24 | 21.27 | 12.28 | 1.42 | 19.65 | 11.67 | 1.62 | 17.92 | 11.03 | 1.87 |
| | 67 | 22.98 | 12.59 | 0.93 | 21.69 | 12.11 | 1.07 | 20.35 | 12.11 | 1.23 | 18.95 | 11.49 | 1.41 | 17.47 | 10.85 | 1.61 | 15.89 | 10.18 | 1.86 |
| | 63 | 21.11 | 11.46 | 0.92 | 19.91 | 11.01 | 1.06 | 18.66 | 10.62 | 1.22 | 17.35 | 10.81 | 1.40 | 15.97 | 10.17 | 1.61 | 14.50 | 9.50 | 1.85 |
| | 62 | 20.58 | 10.94 | 0.92 | 19.62 | 10.62 | 1.06 | 18.62 | 10.62 | 1.22 | 17.58 | 10.62 | 1.40 | 16.46 | 10.17 | 1.61 | 15.25 | 9.25 | 1.85 |
| | 57 | 20.56 | 10.42 | 0.92 | 19.62 | 10.17 | 1.06 | 18.62 | 10.17 | 1.22 | 17.58 | 10.17 | 1.40 | 16.46 | 9.72 | 1.61 | 15.25 | 8.75 | 1.85 |
| | 72 | 26.02 | 14.44 | 0.96 | 24.57 | 13.88 | 1.09 | 23.07 | 13.30 | 1.25 | 21.50 | 12.70 | 1.42 | 19.85 | 12.08 | 1.63 | 18.09 | 11.43 | 1.87 |
| | 67 | 23.28 | 12.98 | 0.94 | 21.96 | 12.53 | 1.08 | 20.59 | 12.06 | 1.23 | 19.16 | 11.65 | 1.41 | 17.65 | 10.94 | 1.62 | 16.04 | 10.18 | 1.86 |
| | 63 | 21.39 | 11.87 | 0.93 | 20.16 | 11.42 | 1.07 | 18.88 | 10.94 | 1.22 | 17.55 | 10.42 | 1.40 | 16.14 | 9.77 | 1.61 | 14.65 | 9.08 | 1.85 |
| | 62 | 21.10 | 11.35 | 0.93 | 20.12 | 10.97 | 1.07 | 19.09 | 10.42 | 1.22 | 18.01 | 10.17 | 1.40 | 16.85 | 9.65 | 1.61 | 15.60 | 8.60 | 1.86 |
| | 57 | 21.10 | 10.83 | 0.93 | 20.12 | 10.52 | 1.07 | 19.09 | 10.09 | 1.22 | 18.01 | 9.72 | 1.40 | 16.85 | 9.15 | 1.61 | 15.60 | 8.10 | 1.86 |
| | 72 | 26.32 | 14.88 | 0.96 | 24.84 | 14.31 | 1.10 | 23.31 | 13.72 | 1.25 | 21.71 | 13.12 | 1.43 | 20.03 | 12.49 | 1.63 | 18.23 | 11.83 | 1.88 |
| | 67 | 23.55 | 13.37 | 0.95 | 22.20 | 12.82 | 1.08 | 20.80 | 12.43 | 1.24 | 19.34 | 11.93 | 1.42 | 17.81 | 11.43 | 1.62 | 16.18 | 10.42 | 1.87 |
| | 63 | 21.64 | 12.25 | 0.93 | 20.38 | 11.77 | 1.07 | 19.08 | 11.25 | 1.23 | 17.72 | 10.62 | 1.41 | 16.29 | 10.17 | 1.61 | 14.78 | 9.45 | 1.86 |
| | 62 | 21.60 | 11.73 | 0.93 | 20.58 | 11.30 | 1.07 | 19.52 | 10.72 | 1.23 | 18.40 | 10.17 | 1.41 | 17.21 | 9.72 | 1.62 | 15.92 | 9.15 | 1.86 |
| | 57 | 21.60 | 11.21 | 0.93 | 20.58 | 10.83 | 1.07 | 19.52 | 10.25 | 1.23 | 18.40 | 9.72 | 1.41 | 17.21 | 9.25 | 1.62 | 15.92 | 8.65 | 1.86 |

See notes on pg. 19

DETAILED COOLING CAPACITIES CONTINUED

24ANA124A30 Outdoor Section With FE5ANB004 Indoor Section

| COOLING INDOOR MODEL | HIGH SPEED CAP. | POWER | LOW SPEED CAP. | POWER | FURNACE MODEL | COOLING INDOOR MODEL | HIGH SPEED CAP. | POWER | LOW SPEED CAP. | POWER | FURNACE MODEL | COOLING INDOOR MODEL | HIGH SPEED CAP. | POWER | LOW SPEED CAP. | POWER | FURNACE MODEL |
|----------------------|-----------------|-------|----------------|-------|----------------|----------------------|-----------------|-------|----------------|-------|----------------|----------------------|-----------------|-------|----------------|-------|---------------|
| *FE5ANB004 | 1.00 | 1.00 | 1.00 | 1.00 | 56CV(A)X070-12 | CSPH*3012A** | 0.96 | 1.04 | 0.96 | 1.06 | 56CV(A)X110-20 | CSPH*3012A** | 0.96 | 1.05 | 0.96 | 1.06 | 56MVB060-14 |
| FE4ANF002 | 0.96 | 1.02 | 0.96 | 1.03 | | CSPH*3612A** | 0.98 | 1.03 | 0.98 | 1.05 | 58CV(A)X110-20 | CSPH*3612A** | 0.98 | 1.04 | 0.98 | 1.06 | 58MVB060-14 |
| FE4ANF003 | 0.97 | 1.01 | 0.97 | 1.02 | | CAP**3621A** | 0.97 | 1.02 | 0.97 | 1.03 | 58CV(A)X135-22 | CAP**3617A** | 0.96 | 1.04 | 0.96 | 1.05 | 58MVB080-14 |
| CAP**2414A** | 0.95 | 1.05 | 0.94 | 1.07 | 58CV(A)X070-12 | CNPV*2417A** | 0.95 | 1.04 | 0.95 | 1.07 | 58CV(A)X135-22 | CNPV*2417A** | 0.96 | 1.03 | 0.96 | 1.05 | 58MVB080-14 |
| CAP**3014A** | 0.95 | 1.05 | 0.95 | 1.06 | 58CV(A)X070-12 | CNPV*3017A** | 0.96 | 1.02 | 0.96 | 1.04 | 58CV(A)X135-22 | CNPV*3017A** | 0.95 | 1.07 | 0.94 | 1.08 | 58MVB080-14 |
| CAP**3614A** | 0.96 | 1.05 | 0.96 | 1.07 | 58CV(A)X070-12 | CNPV*3617A** | 0.96 | 1.02 | 0.96 | 1.04 | 58CV(A)X135-22 | CNPV*3617A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-14 |
| CAP**3617A** | 0.96 | 1.05 | 0.96 | 1.06 | 58CV(A)X070-12 | CNPV*3621A** | 0.96 | 1.02 | 0.96 | 1.04 | 58CV(A)X135-22 | CNPV*3621A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-14 |
| CNPV*2417A** | 0.95 | 1.06 | 0.94 | 1.08 | 58CV(A)X070-12 | CSPH*2412A** | 0.96 | 1.05 | 0.96 | 1.07 | 58CV(A)X135-22 | CNPV*3617A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-14 |
| CNPV*3017A** | 0.96 | 1.05 | 0.96 | 1.07 | 58CV(A)X070-12 | CSPH*3612A** | 0.98 | 1.03 | 0.98 | 1.06 | 58CV(A)X135-22 | CNPV*3621A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB080-14 |
| CNPV*3617A** | 0.95 | 1.06 | 0.94 | 1.08 | 58CV(A)X070-12 | CAP**3621A** | 0.97 | 1.01 | 0.97 | 1.02 | 58CV(A)X135-22 | CSPH*3012A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB080-14 |
| CNPV*3014A** | 0.95 | 1.05 | 0.95 | 1.07 | 58CV(A)X070-12 | CNPV*2417A** | 0.95 | 1.04 | 0.95 | 1.06 | 58CV(A)X135-22 | CNPV*3012A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB080-14 |
| CNPV*3617A** | 0.96 | 1.05 | 0.96 | 1.07 | 58CV(A)X070-12 | CNPV*3017A** | 0.96 | 1.02 | 0.96 | 1.03 | 58CV(A)X135-22 | CNPV*3617A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-20 |
| CSPH*2412A** | 0.96 | 1.07 | 0.95 | 1.08 | 58CV(A)X070-12 | CNPV*3617A** | 0.96 | 1.02 | 0.96 | 1.03 | 58CV(A)X135-22 | CNPV*3621A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-20 |
| CSPH*3612A** | 0.98 | 1.05 | 0.97 | 1.06 | 58CV(A)X070-12 | CNPV*3621A** | 0.96 | 1.02 | 0.96 | 1.03 | 58CV(A)X135-22 | CNPV*2417A** | 0.95 | 1.06 | 0.94 | 1.07 | 58MVB080-20 |
| CAP**2417A** | 0.95 | 1.02 | 0.95 | 1.04 | 58CV(A)X090-16 | CSPH*3012A** | 0.97 | 1.04 | 0.97 | 1.05 | 58CV(A)X135-22 | CNPV*3017A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-20 |
| CAP**3017A** | 0.96 | 1.02 | 0.96 | 1.04 | 58CV(A)X090-16 | CSPH*3612A** | 0.98 | 1.03 | 0.98 | 1.06 | 58CV(A)X135-22 | CNPV*3617A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-20 |
| CAP**3614A** | 0.96 | 1.03 | 0.96 | 1.04 | 58CV(A)X090-16 | CAP**3621A** | 0.96 | 1.03 | 0.96 | 1.05 | 58MVB040-14 | CNPV*3617A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-20 |
| CAP**3617A** | 0.96 | 1.02 | 0.97 | 1.04 | 58CV(A)X090-16 | CNPV*2417A** | 0.95 | 1.06 | 0.94 | 1.08 | 58MVB040-14 | CNPV*3621A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB080-20 |
| CAP**3621A** | 0.97 | 1.02 | 0.97 | 1.03 | 58CV(A)X090-16 | CNPV*3017A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB040-14 | CSPH*2412A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB080-20 |
| CNPV*2417A** | 0.95 | 1.04 | 0.95 | 1.07 | 58CV(A)X090-16 | CNPV*3617A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB040-14 | CSPH*3612A** | 0.98 | 1.04 | 0.98 | 1.06 | 58MVB080-20 |
| CNPV*3017A** | 0.96 | 1.03 | 0.96 | 1.04 | 58CV(A)X090-16 | CNPV*3621A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB040-14 | CAP**3617A** | 0.96 | 1.03 | 0.96 | 1.04 | 58MVB100-20 |
| CNPV*3617A** | 0.96 | 1.03 | 0.96 | 1.04 | 58CV(A)X090-16 | CSPH*2412A** | 0.95 | 1.06 | 0.95 | 1.08 | 58MVB040-14 | CAP**3621A** | 0.96 | 1.02 | 0.97 | 1.05 | 58MVB100-20 |
| CNPV*2417A** | 0.95 | 1.04 | 0.95 | 1.07 | 58CV(A)X090-16 | CSPH*3012A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB040-14 | CNPV*2417A** | 0.95 | 1.05 | 0.95 | 1.07 | 58MVB100-20 |
| CNPV*3017A** | 0.96 | 1.03 | 0.96 | 1.04 | 58CV(A)X090-16 | CSPH*3612A** | 0.98 | 1.03 | 0.98 | 1.06 | 58MVB040-14 | CNPV*3017A** | 0.96 | 1.04 | 0.96 | 1.05 | 58MVB100-20 |
| CNPV*3617A** | 0.96 | 1.03 | 0.96 | 1.04 | 58CV(A)X090-16 | CAP**2417A** | 0.95 | 1.04 | 0.95 | 1.06 | 58MVB040-14 | CNPV*3617A** | 0.96 | 1.04 | 0.96 | 1.05 | 58MVB100-20 |
| CSPH*2412A** | 0.96 | 1.05 | 0.96 | 1.07 | 58CV(A)X090-16 | CAP**3017A** | 0.96 | 1.04 | 0.95 | 1.06 | 58MVB040-14 | CNPV*3621A** | 0.96 | 1.04 | 0.96 | 1.05 | 58MVB100-20 |
| CSPH*3012A** | 0.97 | 1.04 | 0.97 | 1.06 | 58CV(A)X090-16 | CAP**3614A** | 0.96 | 1.03 | 0.96 | 1.05 | 58MVB040-14 | CNPV*3621A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB100-20 |
| CSPH*3612A** | 0.98 | 1.03 | 0.98 | 1.04 | 58CV(A)X090-16 | CAP**3617A** | 0.96 | 1.02 | 0.96 | 1.05 | 58MVB040-14 | CNPV*2412A** | 0.96 | 1.05 | 0.96 | 1.08 | 58MVB100-20 |
| CAP**3617A** | 0.96 | 1.02 | 0.98 | 1.04 | 58CV(A)X110-20 | CNPV*2417A** | 0.96 | 1.05 | 0.96 | 1.04 | 58MVB060-14 | CSPH*3012A** | 0.96 | 1.05 | 0.96 | 1.06 | 58MVB100-20 |
| CAP**3621A** | 0.96 | 1.02 | 0.97 | 1.04 | 58CV(A)X110-20 | CNPV*3017A** | 0.95 | 1.05 | 0.94 | 1.07 | 58MVB060-14 | CSPH*3612A** | 0.98 | 1.03 | 0.98 | 1.05 | 58MVB100-20 |
| CNPV*2417A** | 0.95 | 1.05 | 0.94 | 1.07 | 58CV(A)X110-20 | CNPV*3617A** | 0.96 | 1.04 | 0.96 | 1.06 | 58MVB060-14 | CAP**3621A** | 0.96 | 1.02 | 0.97 | 1.04 | 58MVB100-20 |
| CNPV*3017A** | 0.96 | 1.03 | 0.96 | 1.05 | 58CV(A)X110-20 | CNPV*3621A** | 0.96 | 1.04 | 0.96 | 1.06 | 58MVB060-14 | CNPV*2417A** | 0.95 | 1.04 | 0.95 | 1.07 | 58MVB100-20 |
| CNPV*3617A** | 0.96 | 1.03 | 0.96 | 1.05 | 58CV(A)X110-20 | CNPV*2417A** | 0.95 | 1.05 | 0.94 | 1.07 | 58MVB060-14 | CNPV*3017A** | 0.96 | 1.03 | 0.96 | 1.04 | 58MVB100-20 |
| CNPV*2412A** | 0.96 | 1.03 | 0.96 | 1.05 | 58CV(A)X110-20 | CNPV*3017A** | 0.96 | 1.04 | 0.96 | 1.06 | 58MVB060-14 | CNPV*3617A** | 0.96 | 1.03 | 0.96 | 1.04 | 58MVB100-20 |
| CNPV*3012A** | 0.96 | 1.03 | 0.96 | 1.05 | 58CV(A)X110-20 | CNPV*3617A** | 0.96 | 1.04 | 0.96 | 1.06 | 58MVB060-14 | CNPV*3621A** | 0.96 | 1.03 | 0.96 | 1.04 | 58MVB100-20 |
| CNPV*3617A** | 0.96 | 1.03 | 0.96 | 1.05 | 58CV(A)X110-20 | CNPV*3621A** | 0.96 | 1.04 | 0.96 | 1.06 | 58MVB060-14 | CSPH*2412A** | 0.96 | 1.05 | 0.96 | 1.07 | 58MVB100-20 |
| CSPH*2412A** | 0.96 | 1.06 | 0.96 | 1.08 | 58CV(A)X110-20 | CSPH*2412A** | 0.96 | 1.06 | 0.96 | 1.09 | 58MVB060-14 | CSPH*3012A** | 0.96 | 1.03 | 0.96 | 1.05 | 58MVB100-20 |
| CSPH*3012A** | 0.96 | 1.06 | 0.96 | 1.08 | 58CV(A)X110-20 | CSPH*3612A** | 0.98 | 1.06 | 0.96 | 1.09 | 58MVB060-14 | CSPH*3612A** | 0.98 | 1.03 | 0.98 | 1.05 | 58MVB100-20 |

See notes on pg. 19

DETAILED COOLING CAPACITIES CONTINUED

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|---|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-------|-------|
| CFM | EWB | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | 125 | | | | | |
| | | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | | |
| | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† |
| 24ANA136A30 Outdoor Section With FE5ANB004 Indoor Section – Low Stage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 72 | 32.96 | 16.87 | 1.28 | 30.99 | 16.13 | 1.48 | 29.00 | 15.39 | 1.69 | 26.98 | 14.64 | 1.94 | 24.89 | 13.88 | 2.24 | 22.71 | 13.10 | 2.58 | | | | | | | | |
| | 67 | 29.63 | 20.41 | 1.29 | 27.83 | 19.65 | 1.49 | 26.00 | 18.88 | 1.71 | 24.15 | 18.11 | 1.96 | 22.24 | 17.33 | 2.26 | 20.24 | 16.82 | 2.61 | | | | | | | | |
| 750 | 63 | 27.29 | 19.66 | 1.29 | 25.61 | 18.90 | 1.49 | 23.91 | 18.14 | 1.72 | 22.17 | 17.37 | 1.98 | 20.39 | 16.59 | 2.28 | 18.52 | 15.78 | 2.64 | | | | | | | | |
| | 62 | 26.60 | 23.89 | 1.30 | 24.95 | 23.11 | 1.50 | 23.30 | 22.33 | 1.72 | 21.63 | 21.63 | 1.98 | 20.23 | 20.23 | 2.28 | 18.76 | 18.76 | 2.64 | | | | | | | | |
| | 57 | 25.54 | 25.54 | 1.30 | 24.27 | 24.27 | 1.50 | 22.96 | 22.96 | 1.73 | 21.62 | 21.62 | 1.98 | 20.23 | 20.23 | 2.29 | 18.76 | 18.76 | 2.64 | | | | | | | | |
| | 72 | 34.35 | 18.44 | 1.31 | 32.23 | 17.67 | 1.50 | 30.08 | 16.89 | 1.72 | 27.91 | 16.11 | 1.97 | 25.68 | 15.32 | 2.26 | 23.36 | 14.51 | 2.60 | | | | | | | | |
| | 67 | 30.92 | 22.82 | 1.31 | 28.97 | 22.02 | 1.51 | 27.00 | 21.21 | 1.73 | 25.01 | 20.41 | 1.98 | 22.97 | 19.58 | 2.28 | 20.85 | 18.73 | 2.63 | | | | | | | | |
| 925 | 63 | 28.51 | 21.94 | 1.32 | 26.68 | 21.14 | 1.52 | 24.84 | 20.34 | 1.74 | 22.98 | 19.53 | 2.00 | 21.07 | 18.70 | 2.30 | 19.10 | 17.85 | 2.66 | | | | | | | | |
| | 62 | 27.84 | 27.12 | 1.32 | 26.26 | 26.26 | 1.52 | 24.80 | 24.80 | 1.74 | 23.29 | 23.29 | 2.00 | 21.74 | 21.74 | 2.30 | 20.10 | 20.10 | 2.64 | | | | | | | | |
| | 57 | 27.69 | 27.69 | 1.32 | 26.26 | 26.26 | 1.52 | 24.79 | 24.79 | 1.74 | 23.29 | 23.29 | 2.00 | 21.74 | 21.74 | 2.30 | 20.10 | 20.10 | 2.64 | | | | | | | | |
| | 72 | 35.05 | 19.49 | 1.33 | 32.84 | 18.70 | 1.52 | 30.82 | 17.90 | 1.74 | 28.36 | 17.10 | 1.99 | 26.05 | 16.29 | 2.28 | 23.67 | 15.46 | 2.62 | | | | | | | | |
| | 67 | 31.56 | 24.47 | 1.34 | 29.53 | 23.64 | 1.53 | 27.49 | 22.81 | 1.75 | 25.43 | 21.97 | 2.01 | 23.32 | 21.12 | 2.30 | 21.15 | 20.24 | 2.65 | | | | | | | | |
| 1050 | 63 | 29.12 | 23.49 | 1.34 | 27.22 | 22.66 | 1.54 | 25.31 | 21.83 | 1.76 | 23.38 | 21.00 | 2.02 | 21.41 | 20.14 | 2.32 | 19.40 | 19.24 | 2.68 | | | | | | | | |
| | 62 | 28.94 | 28.94 | 1.34 | 27.41 | 27.41 | 1.54 | 25.84 | 25.84 | 1.76 | 24.25 | 24.25 | 2.01 | 22.59 | 22.59 | 2.31 | 20.85 | 20.85 | 2.66 | | | | | | | | |
| | 57 | 28.94 | 28.94 | 1.34 | 27.40 | 27.40 | 1.54 | 25.84 | 25.84 | 1.76 | 24.25 | 24.25 | 2.01 | 22.59 | 22.59 | 2.31 | 20.85 | 20.85 | 2.66 | | | | | | | | |

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----|---|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-----------------|-------|-------------------|-------|-------|
| CFM | EWB | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | 125 | | | | | |
| | | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | Capacity MBtu/h | | Total System KW** | | |
| | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† |
| 24ANA136A30 Outdoor Section With FE5ANB004 Indoor Section – High Stage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 72 | 43.27 | 21.56 | 2.10 | 41.60 | 20.84 | 2.33 | 39.81 | 20.09 | 2.57 | 37.89 | 19.31 | 2.84 | 35.80 | 18.49 | 3.13 | 34.46 | 17.96 | 3.06 | | | | | | | | |
| | 67 | 39.15 | 25.72 | 2.06 | 37.60 | 25.00 | 2.29 | 35.95 | 24.25 | 2.53 | 34.18 | 23.47 | 2.79 | 32.25 | 22.65 | 3.08 | 30.11 | 21.76 | 3.41 | | | | | | | | |
| 900 | 63 | 36.24 | 24.91 | 2.04 | 34.78 | 24.18 | 2.26 | 33.23 | 23.43 | 2.50 | 31.56 | 22.64 | 2.76 | 29.75 | 21.81 | 3.05 | 27.74 | 20.92 | 3.38 | | | | | | | | |
| | 62 | 35.37 | 29.83 | 2.03 | 33.95 | 29.11 | 2.25 | 32.43 | 28.36 | 2.49 | 30.79 | 27.58 | 2.75 | 29.02 | 26.75 | 3.04 | 27.07 | 25.85 | 3.37 | | | | | | | | |
| | 57 | 33.03 | 33.03 | 2.01 | 32.02 | 32.02 | 2.23 | 30.92 | 30.92 | 2.47 | 29.72 | 29.72 | 2.74 | 28.40 | 28.40 | 3.03 | 26.92 | 26.92 | 3.36 | | | | | | | | |
| | 72 | 44.78 | 22.90 | 2.14 | 42.98 | 22.16 | 2.36 | 41.07 | 21.39 | 2.60 | 39.01 | 20.58 | 2.87 | 36.79 | 19.74 | 3.17 | 34.33 | 18.84 | 3.49 | | | | | | | | |
| | 67 | 40.56 | 27.77 | 2.10 | 38.89 | 27.03 | 2.32 | 37.12 | 26.25 | 2.56 | 35.22 | 25.45 | 2.82 | 33.17 | 24.61 | 3.12 | 30.91 | 23.70 | 3.44 | | | | | | | | |
| 1050 | 63 | 37.56 | 26.85 | 2.07 | 36.00 | 26.10 | 2.29 | 34.33 | 25.32 | 2.53 | 32.55 | 24.51 | 2.79 | 30.61 | 23.66 | 3.08 | 28.49 | 22.74 | 3.41 | | | | | | | | |
| | 62 | 36.68 | 32.58 | 2.06 | 35.16 | 31.83 | 2.28 | 33.53 | 31.05 | 2.52 | 31.80 | 30.23 | 2.78 | 30.04 | 30.04 | 3.08 | 28.42 | 28.42 | 3.41 | | | | | | | | |
| | 57 | 35.13 | 35.13 | 2.05 | 34.00 | 34.00 | 2.27 | 32.79 | 32.79 | 2.51 | 31.48 | 31.48 | 2.78 | 30.04 | 30.04 | 3.08 | 28.42 | 28.42 | 3.41 | | | | | | | | |
| | 72 | 45.92 | 24.15 | 2.17 | 44.03 | 23.40 | 2.39 | 42.02 | 22.62 | 2.64 | 39.86 | 21.80 | 2.90 | 37.53 | 20.94 | 3.20 | 34.96 | 20.02 | 3.52 | | | | | | | | |
| | 67 | 41.63 | 29.72 | 2.13 | 39.87 | 28.96 | 2.35 | 38.00 | 28.18 | 2.59 | 36.01 | 27.36 | 2.85 | 33.85 | 26.49 | 3.15 | 31.49 | 25.57 | 3.47 | | | | | | | | |
| 1200 | 63 | 38.58 | 28.69 | 2.10 | 36.92 | 27.93 | 2.32 | 35.17 | 27.13 | 2.56 | 33.29 | 26.30 | 2.82 | 31.27 | 25.43 | 3.11 | 29.05 | 24.49 | 3.44 | | | | | | | | |
| | 62 | 37.72 | 35.20 | 2.09 | 36.12 | 34.41 | 2.31 | 34.45 | 34.27 | 2.55 | 32.96 | 32.96 | 2.82 | 31.40 | 31.40 | 3.11 | 29.67 | 29.67 | 3.45 | | | | | | | | |
| | 57 | 36.90 | 36.90 | 2.08 | 35.68 | 35.68 | 2.31 | 34.37 | 34.37 | 2.55 | 32.96 | 32.96 | 2.82 | 31.40 | 31.40 | 3.11 | 29.67 | 29.67 | 3.45 | | | | | | | | |

See notes on pg. 19

DETAILED COOLING CAPACITIES CONTINUED

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|---|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|-------|-------|--|
| CFM | EWB | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | 125 | | | |
| | | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | | | |
| | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | |
| 24ANA148A30 Outdoor Section With FE4ANB006 Indoor Section - Low Stage | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | 41.66 | 21.04 | 1.89 | 39.98 | 20.66 | 2.14 | 38.14 | 20.20 | 2.43 | 36.13 | 19.67 | 2.75 | 33.91 | 19.06 | 3.13 | 31.43 | 18.35 | 3.57 | | | | | | |
| 67 | | 37.58 | 25.35 | 1.90 | 36.05 | 25.03 | 2.15 | 34.37 | 24.64 | 2.44 | 32.53 | 24.18 | 2.78 | 30.49 | 23.62 | 3.16 | 28.22 | 22.97 | 3.61 | | | | | | |
| 63 | 950 | 34.70 | 29.60 | 1.90 | 33.27 | 24.14 | 2.16 | 31.70 | 23.74 | 2.46 | 29.98 | 23.26 | 2.80 | 28.08 | 22.69 | 3.19 | 25.95 | 22.02 | 3.64 | | | | | | |
| 62 | | 33.84 | 29.60 | 1.90 | 32.45 | 29.34 | 2.17 | 30.93 | 29.02 | 2.46 | 29.25 | 28.60 | 2.80 | 27.43 | 27.29 | 3.19 | 25.76 | 25.76 | 3.64 | | | | | | |
| 57 | | 32.20 | 32.20 | 1.91 | 31.18 | 31.18 | 2.17 | 30.05 | 30.05 | 2.47 | 28.79 | 28.79 | 2.80 | 27.37 | 27.37 | 3.19 | 25.76 | 25.76 | 3.64 | | | | | | |
| 72 | | 43.02 | 22.47 | 1.93 | 41.22 | 22.09 | 2.18 | 39.26 | 21.63 | 2.48 | 37.11 | 21.10 | 2.79 | 34.75 | 20.48 | 3.16 | 32.13 | 19.76 | 3.60 | | | | | | |
| 67 | | 38.86 | 27.57 | 1.94 | 37.20 | 27.26 | 2.19 | 35.40 | 26.87 | 2.48 | 33.43 | 26.42 | 2.81 | 31.27 | 25.87 | 3.19 | 28.67 | 25.21 | 3.64 | | | | | | |
| 63 | 1120 | 35.90 | 26.57 | 1.94 | 34.36 | 26.25 | 2.20 | 32.88 | 25.85 | 2.49 | 30.84 | 25.37 | 2.83 | 28.82 | 24.80 | 3.22 | 26.58 | 24.12 | 3.67 | | | | | | |
| 62 | | 35.06 | 32.58 | 1.94 | 33.58 | 32.33 | 2.20 | 31.99 | 31.79 | 2.50 | 30.51 | 30.51 | 2.83 | 28.95 | 28.95 | 3.22 | 27.18 | 27.18 | 3.66 | | | | | | |
| 57 | | 34.29 | 34.29 | 1.94 | 33.16 | 33.16 | 2.20 | 31.90 | 31.90 | 2.50 | 30.51 | 30.51 | 2.83 | 28.95 | 28.95 | 3.22 | 27.18 | 27.18 | 3.66 | | | | | | |
| 72 | | 44.02 | 23.88 | 1.99 | 42.13 | 23.50 | 2.24 | 40.05 | 23.05 | 2.52 | 37.80 | 22.52 | 2.84 | 35.33 | 21.90 | 3.21 | 32.59 | 21.18 | 3.65 | | | | | | |
| 67 | | 39.79 | 29.79 | 1.99 | 38.04 | 29.49 | 2.25 | 36.14 | 29.12 | 2.53 | 34.07 | 28.67 | 2.86 | 31.81 | 28.12 | 3.24 | 29.32 | 27.46 | 3.69 | | | | | | |
| 63 | 1300 | 36.79 | 28.66 | 2.00 | 35.16 | 28.34 | 2.26 | 33.38 | 27.95 | 2.55 | 31.45 | 27.48 | 2.88 | 29.34 | 26.91 | 3.27 | 27.01 | 26.22 | 3.72 | | | | | | |
| 62 | | 36.09 | 36.09 | 2.00 | 34.84 | 34.84 | 2.26 | 33.47 | 33.47 | 2.55 | 31.95 | 31.95 | 2.88 | 30.26 | 30.26 | 3.26 | 28.35 | 28.35 | 3.70 | | | | | | |
| 57 | | 36.08 | 36.08 | 2.00 | 34.84 | 34.84 | 2.26 | 33.47 | 33.47 | 2.55 | 31.95 | 31.95 | 2.88 | 30.26 | 30.26 | 3.26 | 28.35 | 28.35 | 3.70 | | | | | | |

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | |
|---|------|---|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|-------|-------|--|
| CFM | EWB | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | 125 | | | |
| | | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | | | |
| | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | |
| 24ANA148A30 Outdoor Section With FE4ANB006 Indoor Section - High Stage | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | 56.48 | 28.58 | 2.99 | 54.36 | 27.58 | 3.27 | 52.05 | 26.53 | 3.58 | 49.49 | 25.41 | 3.93 | 46.63 | 24.21 | 4.30 | 45.41 | 23.64 | 4.26 | | | | | | |
| 67 | | 51.30 | 34.26 | 2.93 | 49.36 | 33.24 | 3.22 | 47.24 | 32.16 | 3.53 | 44.89 | 31.02 | 3.87 | 42.28 | 29.80 | 4.24 | 39.32 | 28.48 | 4.66 | | | | | | |
| 63 | 1200 | 47.63 | 33.23 | 2.89 | 45.81 | 32.21 | 3.16 | 43.83 | 31.13 | 3.48 | 41.63 | 29.99 | 3.82 | 39.19 | 28.77 | 4.20 | 36.43 | 27.45 | 4.61 | | | | | | |
| 62 | | 46.54 | 39.86 | 2.88 | 44.77 | 38.82 | 3.17 | 42.83 | 37.72 | 3.47 | 40.69 | 36.55 | 3.81 | 38.31 | 35.30 | 4.18 | 35.66 | 33.90 | 4.60 | | | | | | |
| 57 | | 43.63 | 43.63 | 2.85 | 42.34 | 42.34 | 3.14 | 40.91 | 40.91 | 3.45 | 39.31 | 39.31 | 3.79 | 37.50 | 37.50 | 4.17 | 35.42 | 35.42 | 4.59 | | | | | | |
| 72 | | 58.13 | 30.24 | 3.08 | 55.87 | 29.21 | 3.37 | 53.39 | 28.12 | 3.68 | 50.67 | 26.97 | 4.02 | 47.64 | 25.74 | 4.40 | 44.22 | 24.41 | 4.81 | | | | | | |
| 67 | | 52.86 | 36.85 | 3.02 | 50.77 | 35.79 | 3.31 | 48.50 | 34.68 | 3.62 | 46.00 | 33.50 | 3.96 | 43.23 | 32.24 | 4.33 | 40.10 | 30.88 | 4.75 | | | | | | |
| 63 | 1400 | 49.11 | 35.68 | 2.98 | 47.16 | 34.62 | 3.27 | 45.03 | 33.51 | 3.58 | 42.69 | 32.33 | 3.91 | 40.10 | 31.07 | 4.29 | 37.18 | 29.70 | 4.70 | | | | | | |
| 62 | | 48.02 | 43.36 | 2.97 | 46.12 | 42.27 | 3.26 | 44.06 | 41.11 | 3.57 | 41.82 | 39.86 | 3.90 | 39.41 | 39.41 | 4.28 | 37.13 | 37.13 | 4.70 | | | | | | |
| 57 | | 46.15 | 46.15 | 2.95 | 44.72 | 44.72 | 3.24 | 43.14 | 43.14 | 3.56 | 41.38 | 41.38 | 3.90 | 39.40 | 39.40 | 4.28 | 37.13 | 37.13 | 4.70 | | | | | | |
| 72 | | 59.27 | 31.76 | 3.20 | 56.89 | 30.71 | 3.48 | 54.29 | 29.60 | 3.79 | 51.44 | 28.43 | 4.13 | 48.28 | 27.18 | 4.51 | 44.71 | 25.81 | 4.92 | | | | | | |
| 67 | | 53.93 | 39.28 | 3.14 | 51.73 | 38.19 | 3.42 | 49.34 | 37.05 | 3.73 | 46.72 | 35.84 | 4.07 | 43.82 | 34.53 | 4.45 | 40.56 | 33.14 | 4.86 | | | | | | |
| 63 | 1600 | 50.13 | 37.97 | 3.10 | 48.07 | 36.88 | 3.38 | 45.83 | 35.73 | 3.69 | 43.38 | 34.52 | 4.03 | 40.67 | 33.23 | 4.40 | 37.63 | 31.82 | 4.81 | | | | | | |
| 62 | | 49.10 | 46.62 | 3.09 | 47.13 | 45.44 | 3.37 | 45.04 | 44.76 | 3.68 | 43.02 | 43.02 | 4.02 | 40.89 | 40.89 | 4.40 | 38.45 | 38.45 | 4.83 | | | | | | |
| 57 | | 48.18 | 48.18 | 3.08 | 46.63 | 46.63 | 3.37 | 44.92 | 44.92 | 3.68 | 43.03 | 43.03 | 4.02 | 40.89 | 40.89 | 4.40 | 38.45 | 38.45 | 4.83 | | | | | | |

See notes on pg. 19

DETAILED COOLING CAPACITIES CONTINUED

24ANA148A30 Outdoor Section With FE4ANB006 Indoor Section

| COOLING INDOOR MODEL | HIGH SPEED CAP | POWER | LOW SPEED CAP | FURNACE MODEL | COOLING INDOOR MODEL | HIGH SPEED CAP | POWER | LOW SPEED CAP | FURNACE MODEL | COOLING INDOOR MODEL | HIGH SPEED CAP | POWER | LOW SPEED CAP | FURNACE MODEL | COOLING INDOOR MODEL | HIGH SPEED CAP | POWER | LOW SPEED CAP | FURNACE MODEL |
|----------------------|----------------|-------|---------------|-----------------|----------------------|----------------|-------|---------------|-----------------|----------------------|----------------|-------|---------------|-----------------|----------------------|----------------|-------|---------------|-----------------|
| *FE4ANB006 | 1.00 | 1.00 | 1.00 | | CNPH*4821A** | 0.96 | 1.02 | 0.97 | 58CV(A,X)135-22 | CNPH*4821A** | 0.96 | 1.02 | 0.97 | 58CV(A,X)135-22 | CNPH*4821A** | 0.96 | 1.02 | 0.97 | 58CV(A,X)135-22 |
| FE4AN(B)F005 | 0.98 | 1.01 | 0.98 | | CNPH*6024A** | 0.98 | 1.02 | 0.99 | 58CV(A,X)135-22 | CNPH*6024A** | 0.98 | 1.02 | 0.99 | 58CV(A,X)135-22 | CNPH*6024A** | 0.98 | 1.02 | 0.99 | 58CV(A,X)135-22 |
| CAP**4817A** | 0.97 | 1.06 | 0.98 | 58CV(A,X)090-16 | CNPH*4824A** | 0.96 | 1.02 | 0.97 | 58CV(A,X)135-22 | CNPH*4824A** | 0.96 | 1.02 | 0.97 | 58CV(A,X)135-22 | CNPH*4824A** | 0.96 | 1.02 | 0.97 | 58CV(A,X)135-22 |
| CAP**4821A** | 0.96 | 1.04 | 0.97 | 58CV(A,X)090-16 | CNPH*6024A** | 0.98 | 1.02 | 0.99 | 58CV(A,X)135-22 | CNPH*6024A** | 0.98 | 1.02 | 0.99 | 58CV(A,X)135-22 | CNPH*6024A** | 0.98 | 1.02 | 0.99 | 58CV(A,X)135-22 |
| CAP**6021A** | 0.98 | 1.04 | 0.99 | 58CV(A,X)090-16 | CSPH*4812A** | 0.97 | 1.03 | 0.98 | 58CV(A,X)135-22 | CSPH*4812A** | 0.97 | 1.03 | 0.98 | 58CV(A,X)135-22 | CSPH*4812A** | 0.97 | 1.03 | 0.98 | 58CV(A,X)135-22 |
| CNPH*4821A** | 0.96 | 1.04 | 0.97 | 58CV(A,X)090-16 | CSPH*6012A** | 0.99 | 1.02 | 0.99 | 58CV(A,X)135-22 | CSPH*6012A** | 0.99 | 1.02 | 0.99 | 58CV(A,X)135-22 | CSPH*6012A** | 0.99 | 1.02 | 0.99 | 58CV(A,X)135-22 |
| CNPH*6024A** | 0.98 | 1.03 | 0.98 | 58CV(A,X)090-16 | CAP**4824A** | 0.96 | 1.01 | 0.97 | 58CV(A,X)155-22 | CAP**4824A** | 0.96 | 1.01 | 0.97 | 58CV(A,X)155-22 | CAP**4824A** | 0.96 | 1.01 | 0.97 | 58CV(A,X)155-22 |
| CNPH*4821A** | 0.96 | 1.04 | 0.97 | 58CV(A,X)090-16 | CAP**6024A** | 0.99 | 1.02 | 0.99 | 58CV(A,X)155-22 | CAP**6024A** | 0.99 | 1.02 | 0.99 | 58CV(A,X)155-22 | CAP**6024A** | 0.99 | 1.02 | 0.99 | 58CV(A,X)155-22 |
| CSPH*4812A** | 0.97 | 1.05 | 0.98 | 58CV(A,X)090-16 | CNPH*4821A** | 0.97 | 1.02 | 0.97 | 58CV(A,X)155-22 | CNPH*4821A** | 0.97 | 1.02 | 0.97 | 58CV(A,X)155-22 | CNPH*4821A** | 0.97 | 1.02 | 0.97 | 58CV(A,X)155-22 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 58CV(A,X)090-16 | CNPH*6024A** | 0.98 | 1.01 | 0.99 | 58CV(A,X)155-22 | CNPH*6024A** | 0.98 | 1.01 | 0.99 | 58CV(A,X)155-22 | CNPH*6024A** | 0.98 | 1.01 | 0.99 | 58CV(A,X)155-22 |
| CAP**4821A** | 0.96 | 1.04 | 0.97 | 58CV(A,X)110-20 | CNPH*4824A** | 0.97 | 1.02 | 0.97 | 58CV(A,X)155-22 | CNPH*4824A** | 0.97 | 1.02 | 0.97 | 58CV(A,X)155-22 | CNPH*4824A** | 0.97 | 1.02 | 0.97 | 58CV(A,X)155-22 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 58CV(A,X)110-20 | CNPH*6012A** | 0.98 | 1.01 | 0.99 | 58CV(A,X)155-22 | CNPH*6012A** | 0.98 | 1.01 | 0.99 | 58CV(A,X)155-22 | CNPH*6012A** | 0.98 | 1.01 | 0.99 | 58CV(A,X)155-22 |
| CNPH*4821A** | 0.96 | 1.03 | 0.97 | 58CV(A,X)110-20 | CSPH*4812A** | 0.97 | 1.02 | 0.98 | 58CV(A,X)155-22 | CSPH*4812A** | 0.97 | 1.02 | 0.98 | 58CV(A,X)155-22 | CSPH*4812A** | 0.97 | 1.02 | 0.98 | 58CV(A,X)155-22 |
| CNPH*6024A** | 0.98 | 1.03 | 0.98 | 58CV(A,X)110-20 | CSPH*6012A** | 0.99 | 1.01 | 0.99 | 58CV(A,X)155-22 | CSPH*6012A** | 0.99 | 1.01 | 0.99 | 58CV(A,X)155-22 | CSPH*6012A** | 0.99 | 1.01 | 0.99 | 58CV(A,X)155-22 |
| CNPH*4821A** | 0.96 | 1.03 | 0.97 | 58CV(A,X)110-20 | CAP**4821A** | 0.96 | 1.05 | 0.97 | 58MVB080-20 | CAP**4821A** | 0.96 | 1.05 | 0.97 | 58MVB080-20 | CAP**4821A** | 0.96 | 1.05 | 0.97 | 58MVB080-20 |
| CSPH*4812A** | 0.97 | 1.05 | 0.98 | 58CV(A,X)110-20 | CAP**6021A** | 0.98 | 1.05 | 0.98 | 58MVB080-20 | CAP**6021A** | 0.98 | 1.05 | 0.98 | 58MVB080-20 | CAP**6021A** | 0.98 | 1.05 | 0.98 | 58MVB080-20 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 58CV(A,X)110-20 | CNPH*4821A** | 0.96 | 1.04 | 0.97 | 58MVB080-20 | CNPH*4821A** | 0.96 | 1.04 | 0.97 | 58MVB080-20 | CNPH*4821A** | 0.96 | 1.04 | 0.97 | 58MVB080-20 |
| CAP**4824A** | 0.96 | 1.02 | 0.97 | 58CV(A,X)135-22 | CNPH*6024A** | 0.98 | 1.05 | 0.98 | 58MVB080-20 | CNPH*6024A** | 0.98 | 1.05 | 0.98 | 58MVB080-20 | CNPH*6024A** | 0.98 | 1.05 | 0.98 | 58MVB080-20 |
| CAP**6024A** | 0.99 | 1.03 | 0.99 | 58CV(A,X)135-22 | | | | | | | | | | | | | | | |

See notes on pg. 19

DETAILED COOLING CAPACITIES CONTINUED

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------|---|-------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|-------|-------|--|--|
| | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | 125 | | | |
| | | CFM | EWB | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | | | | |
| Total | Sens† | | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | |
| 24ANA160A30 Outdoor Section With FE4ANB006 Indoor Section - Low Stage | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | 50.64 | 25.81 | 2.46 | 48.02 | 24.57 | 2.78 | 45.28 | 23.30 | 3.14 | 42.40 | 22.01 | 3.56 | 39.37 | 20.69 | 4.03 | 36.12 | 19.33 | 4.58 | | | | | | |
| 67 | | 45.97 | 31.36 | 2.47 | 43.57 | 30.01 | 2.80 | 41.06 | 28.64 | 3.17 | 38.42 | 27.24 | 3.59 | 35.65 | 25.81 | 4.08 | 32.69 | 24.34 | 4.64 | | | | | | |
| 63 | | 42.66 | 30.35 | 2.48 | 40.41 | 29.01 | 2.82 | 38.07 | 27.66 | 3.19 | 35.02 | 26.28 | 3.62 | 33.02 | 24.87 | 4.12 | 30.26 | 23.41 | 4.69 | | | | | | |
| 62 | | 41.69 | 36.82 | 2.48 | 39.50 | 35.37 | 2.82 | 37.22 | 33.88 | 3.20 | 34.84 | 32.36 | 3.63 | 32.37 | 32.22 | 4.12 | 30.07 | 30.07 | 4.69 | | | | | | |
| 57 | | 39.93 | 39.93 | 2.49 | 38.17 | 38.17 | 2.83 | 36.82 | 36.82 | 3.21 | 34.37 | 34.37 | 3.63 | 32.30 | 32.30 | 4.12 | 30.07 | 30.07 | 4.69 | | | | | | |
| 72 | | 51.93 | 27.38 | 2.53 | 49.17 | 26.09 | 2.85 | 46.29 | 23.44 | 3.62 | 43.21 | 22.07 | 4.09 | 36.71 | 20.66 | 4.64 | 33.24 | 19.33 | 4.58 | | | | | | |
| 67 | | 47.18 | 33.82 | 2.54 | 44.64 | 32.41 | 2.87 | 42.00 | 30.97 | 3.23 | 39.24 | 29.51 | 3.65 | 36.33 | 28.01 | 4.14 | 33.24 | 26.47 | 4.70 | | | | | | |
| 63 | | 43.81 | 32.68 | 2.55 | 41.44 | 31.28 | 2.88 | 38.97 | 29.85 | 3.26 | 36.39 | 28.41 | 3.68 | 33.67 | 26.93 | 4.18 | 30.79 | 25.40 | 4.74 | | | | | | |
| 62 | | 42.88 | 40.14 | 2.55 | 40.60 | 38.36 | 2.89 | 38.26 | 38.08 | 3.26 | 36.07 | 36.07 | 3.68 | 33.83 | 33.83 | 4.17 | 31.43 | 31.43 | 4.73 | | | | | | |
| 57 | | 42.09 | 42.09 | 2.55 | 40.19 | 40.19 | 2.89 | 38.18 | 38.18 | 3.26 | 36.07 | 36.07 | 3.68 | 33.83 | 33.83 | 4.17 | 31.43 | 31.43 | 4.73 | | | | | | |
| 72 | | 52.78 | 28.82 | 2.63 | 49.93 | 27.50 | 2.95 | 46.93 | 26.14 | 3.30 | 43.80 | 24.77 | 3.71 | 40.52 | 23.36 | 4.18 | 37.02 | 21.91 | 4.73 | | | | | | |
| 67 | | 47.98 | 36.15 | 2.64 | 45.34 | 34.67 | 2.96 | 42.80 | 33.17 | 3.33 | 39.74 | 31.65 | 3.74 | 36.74 | 30.09 | 4.22 | 33.55 | 28.47 | 4.78 | | | | | | |
| 63 | | 44.57 | 34.86 | 2.64 | 42.11 | 33.40 | 2.98 | 39.54 | 31.91 | 3.35 | 36.87 | 30.40 | 3.77 | 34.07 | 28.86 | 4.26 | 31.10 | 27.26 | 4.83 | | | | | | |
| 62 | | 43.83 | 43.83 | 2.65 | 41.77 | 41.77 | 2.98 | 39.64 | 39.64 | 3.35 | 37.39 | 37.39 | 3.76 | 35.01 | 35.01 | 4.25 | 32.45 | 32.45 | 4.80 | | | | | | |
| 57 | | 43.82 | 43.82 | 2.65 | 41.78 | 41.78 | 2.98 | 39.64 | 39.64 | 3.35 | 37.39 | 37.39 | 3.76 | 35.01 | 35.01 | 4.25 | 32.45 | 32.45 | 4.80 | | | | | | |

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|---|-------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|------------------|-------|-------------------|-------|-------|--|--|
| | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | 125 | | | |
| | | CFM | EWB | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | Capacity MBtu/ht | | Total System KW** | | | | |
| Total | Sens† | | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | |
| 24ANA160A30 Outdoor Section With FE4ANB006 Indoor Section - High Stage | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | 67.85 | 33.92 | 3.92 | 65.44 | 32.86 | 4.30 | 62.80 | 31.73 | 4.71 | 59.87 | 30.52 | 5.15 | 56.59 | 29.21 | 5.64 | 52.81 | 27.76 | 6.18 | | | | | | |
| 67 | | 61.78 | 40.67 | 3.84 | 59.58 | 39.61 | 4.22 | 57.17 | 38.49 | 4.62 | 54.49 | 37.28 | 5.07 | 51.49 | 35.97 | 5.55 | 48.06 | 34.52 | 6.08 | | | | | | |
| 63 | | 57.46 | 39.50 | 3.78 | 55.41 | 38.44 | 4.16 | 53.16 | 37.31 | 4.56 | 50.66 | 36.10 | 5.00 | 47.87 | 34.79 | 5.49 | 44.88 | 33.34 | 6.02 | | | | | | |
| 62 | | 56.20 | 47.33 | 3.77 | 54.19 | 46.27 | 4.14 | 51.99 | 45.15 | 4.55 | 49.56 | 43.93 | 4.99 | 46.85 | 42.60 | 5.47 | 43.78 | 41.09 | 6.00 | | | | | | |
| 57 | | 52.61 | 52.61 | 3.72 | 51.16 | 51.16 | 4.10 | 49.56 | 49.56 | 4.51 | 47.75 | 47.75 | 4.96 | 45.69 | 45.69 | 5.45 | 43.29 | 43.29 | 5.99 | | | | | | |
| 72 | | 69.63 | 35.77 | 4.10 | 67.05 | 34.68 | 4.47 | 64.22 | 33.52 | 4.88 | 61.10 | 32.28 | 5.32 | 57.61 | 30.94 | 5.80 | 53.63 | 29.45 | 6.33 | | | | | | |
| 67 | | 63.46 | 43.59 | 4.01 | 61.09 | 42.50 | 4.39 | 58.50 | 41.34 | 4.79 | 55.64 | 40.10 | 5.23 | 52.45 | 38.75 | 5.71 | 48.82 | 37.27 | 6.24 | | | | | | |
| 63 | | 59.05 | 42.25 | 3.95 | 56.84 | 41.15 | 4.33 | 54.42 | 39.99 | 4.73 | 51.76 | 38.75 | 5.17 | 48.79 | 37.40 | 5.65 | 45.41 | 35.91 | 6.18 | | | | | | |
| 62 | | 57.80 | 51.29 | 3.94 | 55.65 | 50.18 | 4.31 | 53.31 | 48.99 | 4.71 | 50.75 | 47.68 | 5.15 | 47.95 | 47.55 | 5.64 | 45.16 | 45.16 | 6.17 | | | | | | |
| 57 | | 55.42 | 55.42 | 3.91 | 53.82 | 53.82 | 4.29 | 52.04 | 52.04 | 4.70 | 50.05 | 50.05 | 5.14 | 47.79 | 47.79 | 5.63 | 45.17 | 45.17 | 6.17 | | | | | | |
| 72 | | 70.78 | 37.43 | 4.30 | 68.06 | 36.33 | 4.67 | 65.09 | 35.15 | 5.08 | 61.81 | 33.89 | 5.52 | 58.16 | 32.52 | 6.00 | 54.01 | 31.01 | 6.53 | | | | | | |
| 67 | | 64.53 | 46.29 | 4.22 | 62.03 | 45.18 | 4.59 | 59.30 | 44.00 | 4.99 | 56.30 | 42.73 | 5.43 | 52.96 | 41.35 | 5.91 | 49.18 | 39.82 | 6.44 | | | | | | |
| 63 | | 60.07 | 44.78 | 4.15 | 57.73 | 43.66 | 4.53 | 55.19 | 42.48 | 4.93 | 52.39 | 41.20 | 5.36 | 49.28 | 39.82 | 5.84 | 45.76 | 38.29 | 6.37 | | | | | | |
| 62 | | 58.89 | 54.91 | 4.14 | 56.66 | 53.72 | 4.51 | 54.26 | 52.38 | 4.91 | 51.80 | 51.80 | 5.36 | 49.36 | 49.36 | 5.85 | 46.53 | 46.53 | 6.38 | | | | | | |
| 57 | | 57.63 | 57.63 | 4.12 | 55.89 | 55.89 | 4.50 | 53.96 | 53.96 | 4.91 | 51.81 | 51.81 | 5.36 | 49.37 | 49.37 | 5.85 | 46.54 | 46.54 | 6.39 | | | | | | |

See notes on pg. 19

DETAILED COOLING CAPACITIES CONTINUED

24ANA160A30 Outdoor Section With FE4ANB006 Indoor Section

| COOLING INDOOR MODEL | HIGH SPEED CAP | POWER | LOW SPEED CAP | POWER | FURNACE MODEL |
|----------------------|----------------|-------|---------------|-------|---------------|
| *FE4ANB006 | 1.00 | 1.00 | 1.00 | 1.00 | |
| CAP**6021A** | 0.98 | 1.03 | 1.01 | 1.05 | 58CV(A)110-20 |
| GNPH*6024A** | 0.97 | 1.02 | 1.00 | 1.05 | 58CV(A)110-20 |
| CSPH*6012A** | 0.98 | 1.02 | 1.01 | 1.05 | 58CV(A)110-20 |
| CAP**6024A** | 0.98 | 1.02 | 1.01 | 1.05 | 58CV(A)135-22 |
| GNPH*6024A** | 0.98 | 1.02 | 1.01 | 1.05 | 58CV(A)135-22 |
| CSPH*6012A** | 0.98 | 1.01 | 1.01 | 1.04 | 58CV(A)135-22 |
| CAP**6024A** | 0.98 | 1.01 | 1.01 | 1.04 | 58CV(A)155-22 |
| GNPH*6024A** | 0.98 | 1.01 | 1.01 | 1.04 | 58CV(A)155-22 |
| CSPH*6012A** | 0.99 | 1.02 | 1.01 | 1.03 | 58CV(A)155-22 |
| CAP**6021A** | 0.97 | 1.07 | 1.00 | 1.07 | 58MVB080-20 |
| GNPH*6024A** | 0.97 | 1.06 | 1.00 | 1.06 | 58MVB080-20 |
| CSPH*6012A** | 0.97 | 1.06 | 1.00 | 1.07 | 58MVB080-20 |
| CAP**6021A** | 0.97 | 1.05 | 1.00 | 1.07 | 58MVB100-20 |
| GNPH*6024A** | 0.97 | 1.05 | 1.00 | 1.07 | 58MVB100-20 |
| CSPH*6012A** | 0.98 | 1.05 | 1.01 | 1.07 | 58MVB100-20 |
| CAP**6024A** | 0.97 | 1.04 | 1.00 | 1.07 | 58MVB120-20 |
| GNPH*6024A** | 0.97 | 1.04 | 1.00 | 1.06 | 58MVB120-20 |
| CSPH*6012A** | 0.98 | 1.04 | 1.01 | 1.07 | 58MVB120-20 |

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

* Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per ARI standard 210/240-94. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

† 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).

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

** Total system kW is total of indoor and outdoor unit kilowatts.

GUIDE SPECIFICATIONS

GENERAL

System Description

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

Quality Assurance

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

Delivery, Storage, and Handling

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

Warranty (for inclusion by specifying engineer)

- U.S. and Canada only.

PRODUCTS

Equipment

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

Unit Cabinet

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

Fans

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

AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER

24ANA1

2 THROUGH 5 NOMINAL TONS

- Condenser fan motors will be electronic ECM motors that provide multi-speed operation with enhanced low-speed efficiencies and sound levels.
- Forward swept 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.
- Compressor will be covered with a sound absorbing blanket.

Condenser Coil

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

Refrigeration Components

- Refrigeration circuit components will include liquid-line back-seating shutoff valve with sweat connections, vapor-line back-seating shutoff valve with sweat connections, system charge of Puron® (R-410A) refrigerant, and POE 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. 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 wet bulb and _____ °F dry bulb, and air entering the unit at _____ °F.
- 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.