# 25HNA9
# Infinity™ 19 Series Heat Pump with Puron® Refrigerant
# 2 To 5 Tons Nominal (Size 24 To 60)

Carrier®
Turn to the Experts.℠

# Product Data

Puron™ the environmentally sound refrigerant

INFINITY™ SYSTEM

Carrier's heat pumps with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 25HNA9 has been designed utilizing Carrier's Puron® refrigerant. The environmentally sound refrigerant allows consumers 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

- 14-19 SEER/10.6-14.1 EER/8.4 - 9.2 HSPF

### 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 69 dBA
  - — Quiet mount split post compressor grommets
  - — Quiet External Silencer muffler
  - — 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
- Quiet Shift Defrost

### Reliability, Quality and Toughness

- 2-stage scroll compressor
- Field-installed 16 cu. in. filter drier
- Back-seating service valves
- High pressure switch
- Loss of charge switch
- Internal pressure relief valve
- Internal thermal overload
- Long line accessory connections
- Suction Line Accumulator
- Vapor fog eliminator
- Ideal Defrost

### Controls and Diagnostics

- Infinity™ Control (MUST be used, no substitutes)
- Utility Interface Connection
- Up to 18 point diagnostic capability

### Applications

- Long line - up to 250 ft. total equivalent length, see Long Line Guide 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** | **5** | **H** | **N** | **A** | **9** | **2** | **4** | **A** | **0** | **0** | **3** | 0 |
| Product Series | | Product Family | Tier | Major Series | SEER | Cooling Capacity | | Variations | Open | Open | Voltage | Minor Series |
| 25 = HP | | H = RES HP | n= infinity Series | A = Puron | 9=19 SEER | | | A = Standard | 0=Not Defined | 0=Not Defined | 3=208/230–1 | 0, 1, 2... |

Puron
the environmentally sound refrigerant

ARI PERFORMANCE CERTIFIED
ARI Standard 210/240
Unitary Heat Pumps

ISO 9001:2000
QMI REGISTERED

c UL us

ENERGY STAR PARTNER

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.

IdealHumidity

Comfort HEAT PUMP SYSTEM

25HNA9

# STANDARD FEATURES

| Feature | 24-30 | 36-30 | 48-30 | 60-30 |
|---|---|---|---|---|
| Puron Refrigerant | X | X | X | X |
| Up to 19 SEER | X | | | |
| Infinity Control System Only | X | X | X | X |
| 2-Stage Scroll Compressor | X | X | X | X |
| Weather Armor Ultra™ | X | X | X | X |
| Silencer System II™ | X | X | X | X |
| Field Installed 16 cu. in. Filter Drier | X | X | X | X |
| Loss of Charge Switch | X | X | X | X |
| High Pressure Switch | X | X | X | X |
| Back Seating Service Valves | X | X | X | X |
| Internal Pressure Relief Valve | X | X | X | X |
| Internal Thermal Overload | X | X | X | X |
| Long Line Accessory Connections | X | X | X | X |
| Long Line capability | X | X | X | X |
| Low Ambient capability | X | X | X | X |
| Up to 18 Point Diagnostics | X | X | X | X |
| Quiet Shift Defrost | X | X | X | X |
| Vapor Fog Eliminator | X | X | X | X |
| Ideal Defrost | X | X | X | X |

# PHYSICAL DATA

| UNIT SIZE SERIES | 24–30 | 36–30 | 48–30 | 60–30 |
|---|---|---|---|---|
| **Operating Weight (lb)** | 341 | 343 | 343 | 361 |
| **Shipping Weight (lb)** | 378 | 380 | 380 | 398 |
| **Compressor Type** | Scroll | | | |
| **REFRIGERANT** | Puron® (R–410A) | | | |
| Control | TXV (Puron® Hard Shutoff) | | | |
| Charge (lb) | 15.8 | 14.0 | 14.0 | 13.9 |
| **COND FAN** | Forward Swept Propeller Type, Direct Drive | | | |
| Air Discharge | Vertical | | | |
| Air Qty (CFM) | 2400/2700 | 2900/3450 | 3300/3800 | 3800/4250 |
| Motor HP | 1/5 | | | |
| Motor RPM | 550/606 | 582/690 | 660/765 | 742/828 |
| **COND COIL** | | | | |
| Face Area (Sq ft) | 24.40 | | | |
| Fins per In. | 20 | | | |
| Rows | 2 | | | |
| Circuits | 10 | | | |
| **VALVE CONNECT. (In. ID)** | | | | |
| Vapor | 3/4 | 3/4 | 7/8 | 7/8 |
| Liquid | 3/8 | | | |
| **REFRIGERANT TUBES* (In. OD)** | | | | |
| Vapor (0–80 Ft Tube Length) | 3/4 | 3/4 | 7/8 | 1–1/8 |
| Liquid (0–80 Ft Tube Length) | 3/8 | | | |

* For tubing sets between 80 ft. 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.

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# VAPOR LINE SIZING AND COOLING CAPACITY LOSS PURON REFRIGERANT 2-STAGE HEAT PUMP APPLICATIONS

| UNIT NOM SIZE (Btuh) | ACCEPTABLE LIQUID LINE DIA (in. O.D.) | ACCEPTABLE VAPOR LINE DIA (In. O.D.) | COOLING CAPACITY LOSS (%) TOTAL EQUIVALENT LINE LENGTH (ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Standard Application | | | Long Line Application Requires Accessories | | | | | | |
| | | | 25 | 50 | 80 | 80+ | 100 | 125 | 150 | 175 | 200 | 225 | 250 |
| 24,000 2–Stage Puron HP | 3/8 | 5/8 | 0 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| | | 3/4 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 36,000 2–Stage Puron HP | | 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 |
| 48,000 2–Stage Puron HP | | 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 |
| 60,000 2–Stage Puron HP | | 3/4 | 1 | 2 | 4 | 4 | 5 | 6 | 8 | 9 | 10 | 11 | 12 |
| | | 7/8 | 0 | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 5 | 5 | 6 |
| | | 1–1/8 | 0 | 0 | 0 | — | — | — | — | — | — | — | — |

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 for the acceptable vapor tube diameters based on the total length to minimize the cooling capacity loss.

# ACCESSORIES

| KIT NUMBER | KIT NAME | 24–30 | 36–30 | 48–30 | 60–30 |
|---|---|---|---|---|---|
| KHALS0401LLS | SOLENOID VALVE | X | X | X | X |
| KHASS0701AAA* | SNOW STAND | X | X | X | X |
| KSASF0101AAA | SUPPORT FEET | X | X | X | X |
| KSATX0201PUR | TXV | X | | | |
| KSATX0301PUR | TXV | | X | | |
| KSATX0401PUR | TXV | | | X | |
| KSATX0501PUR | TXV | | | | X |

x = Accessory S = Standard

* Available from RCD

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

* 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) |
|---|---|---|---|
| **Accumulator** | Standard | Standard | Standard |
| **Ball Bearing Fan Motor** | Standard | Standard | Standard |
| **Crankcase Heater** | Standard | Standard | Standard |
| **Compressor Start Assist Capacitor and Relay** | Not Required Self–Equalizing | Not Required Self–Equalizing | Not Required Self–Equalizing |
| **Evaporator Freeze Thermostat** | Standard with Infinity Control | No | No |
| **Low Ambient Control** | Standard with Infinity Control | No | No |
| **Liquid Line Solenoid Valve** | No | Yes | No |
| **Puron Balance Port Hard Shut–Off TXV** | Yes† | Yes† | Yes† |
| **Support Feet** | Recommended | No | Recommended |
| **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 Long Line Application Guideline.

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

## Accessory Description and Usage (Listed Alphabetically)

### 1. Liquid-Line Solenoid Valve (LLS)

An electrically operated shutoff valve which stops and starts refrigerant liquid flow in response to compressor operation. It is to be installed at the outdoor unit to control refrigerant off cycle migration in the heating mode.

Usage Guideline:

An LLS is required in all long line heat pump applications to control refrigerant off cycle migration in the heating mode. See Long Line Guideline.

### 2. Snow Stand

Coated wire rack which supports unit 18 in. above mounting pad to allow for drainage from unit base.

Usage Guideline:

Suggested in the following applications:

Heat pump installations in heavy snowfall areas.

Heat pump installations in snowdrift locations.

Heat pump installations in areas of prolonged subfreezing temperatures.

All commercial installations.

### 3. 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.

### 4. Thermostatic Expansion Valve (TXV) Bi-Flow

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.

# ELECTRICAL DATA

| UNIT SIZE – SERIES | V/PH | OPER VOLTS* | | COMPR | | FAN | MCA | MIN WIRE SIZE† | MIN WIRE SIZE† | MAX LENGTH (FT)‡ | MAX LENGTH (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 | 16.6 | 0.9 | 21.6 | 12 | 12 | 58 | 55 | 30 |
| **36–30** | | | | 82.0 | 17.0 | 2.2 | 23.5 | 12 | 12 | 53 | 51 | 40 |
| **48–30** | | | | 96.0 | 27.6 | 2.2 | 36.6 | 8 | 8 | 85 | 81 | 60 |
| **60–30** | | | | 118.0 | 28.8 | 2.8 | 38.8 | 8 | 8 | 80 | 76 | 60 |

* 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 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** | 69–low stage | 46.9 | 48.4 | 48.9 | 59.5 | 53.2 | 48.5 | 42.4 |
| | 71–high stage | 51.4 | 48.9 | 55.3 | 58.5 | 50.2 | 45.0 | 42.9 |
| **36–30** | 69–low stage | 45.4 | 49.4 | 55.3 | 59.0 | 51.7 | 51.0 | 44.4 |
| | 71–high stage | 52.4 | 52.9 | 55.8 | 58.5 | 54.7 | 51.5 | 44.9 |
| **48–30** | 70–low stage | 52.4 | 51.4 | 53.3 | 52.5 | 57.2 | 52.0 | 44.9 |
| | 72–high stage | 55.4 | 55.4 | 66.3 | 64.5 | 53.7 | 53.0 | 44.9 |
| **60–30** | 75–low stage | 56.9 | 56.4 | 73.3 | 58.0 | 57.2 | 54.5 | 45.9 |
| | 75–high stage | 56.4 | 56.9 | 72.8 | 61.5 | 56.7 | 55.0 | 46.4 |

# CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

| UNIT SIZE–SERIES | REQUIRED SUBCOOLING (F) | OUTDOOR HEATING PISTION # |
|---|---|---|
| **24–30** | 12 HIGH STAGE | 38 |
| **36–30** | 12 HIGH STAGE | 57 |
| **48–30** | 12 HIGH STAGE | 61 |
| **60–30** | 12 HIGH STAGE | 67 |

# DIMENSIONS

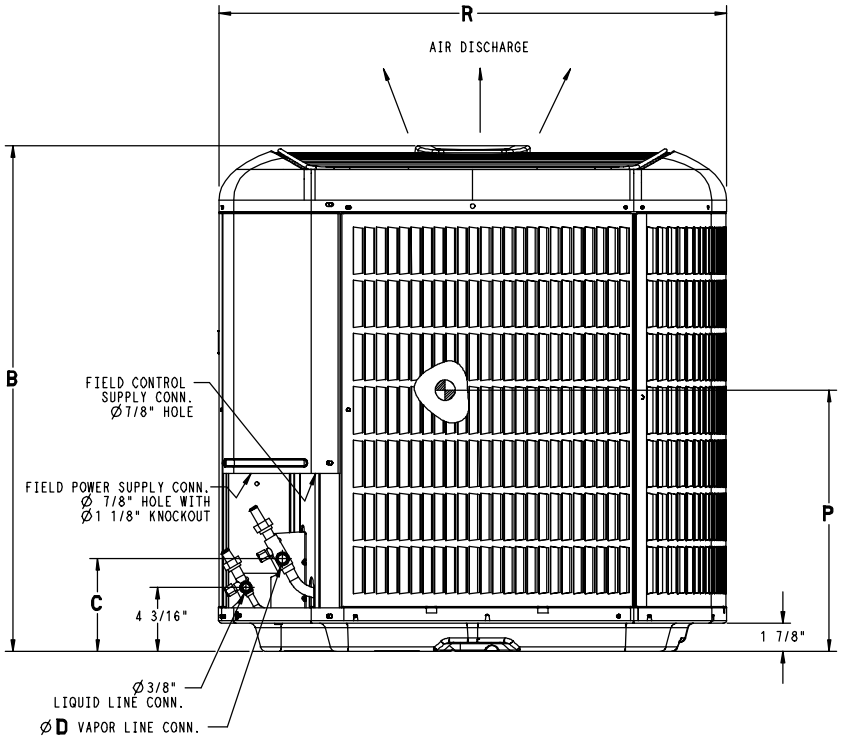
| UNIT | SERIES | ELECTRICAL CHARACTERISTICS | | | | A | B | C | D | E | F | G | H | J | K | L | M | N | P | R | OPERATING WEIGHT | SHIPPING WEIGHT | SHIPPING DIMENSIONS (L x W x H) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25HNA924 | 0 | X | 0 | 0 | 0 | 35 1/2" | 47 5/16" | 6 5/16" | 3/4" | 6 13/16" | 28 3/4" | 11 5/8" | 1 3/4" | 7" | 4" | 1 1/8" | 19 1/2" | 17" | 20 1/2" | 40" | 341# | 378# | 41 1/8" X 36 5/8" X 51 1/16" |
| 25HNA936 | 0 | X | 0 | 0 | 0 | 35 1/2" | 47 5/16" | 6 5/16" | 3/4" | 6 13/16" | 28 3/4" | 11 5/8" | 1 3/4" | 7" | 4" | 1 1/8" | 19 1/2" | 17" | 20 1/2" | 40" | 343# | 380# | 41 1/8" X 36 5/8" X 51 1/16" |
| 25HNA948 | 0 | X | 0 | 0 | 0 | 35 1/2" | 47 5/16" | 6 1/4" | 7/8" | 6 13/16" | 28 3/4" | 11 5/8" | 1 3/4" | 7" | 4 1/16" | 1 1/8" | 19 1/2" | 17" | 20 1/2" | 40" | 343# | 380# | 41 1/8" X 36 5/8" X 51 1/16" |
| 25HNA960 | 0 | X | 0 | 0 | 0 | 35 1/2" | 47 5/16" | 6 1/4" | 7/8" | 6 13/16" | 28 3/4" | 11 5/8" | 1 3/4" | 7" | 4 1/16" | 1 1/8" | 18 1/2" | 17 1/2" | 20 1/2" | 40" | 361# | 398# | 41 1/8" X 36 5/8" X 51 1/16" |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

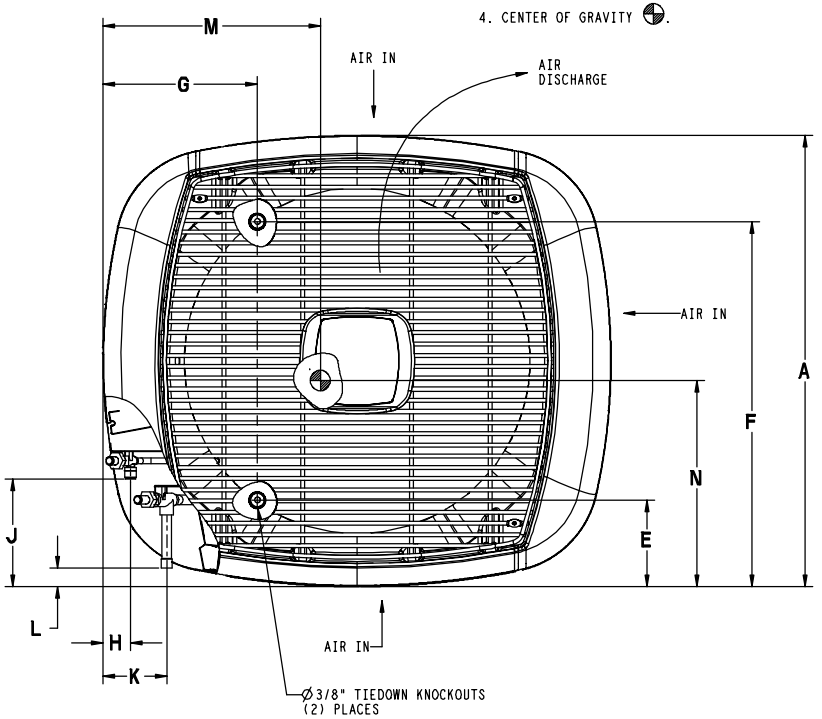
| 208/230-1-60 | 230-1-60 | 208/230-3-60 | 460-3-60 |
|---|---|---|---|

X = YES
O = NO

NOTES:

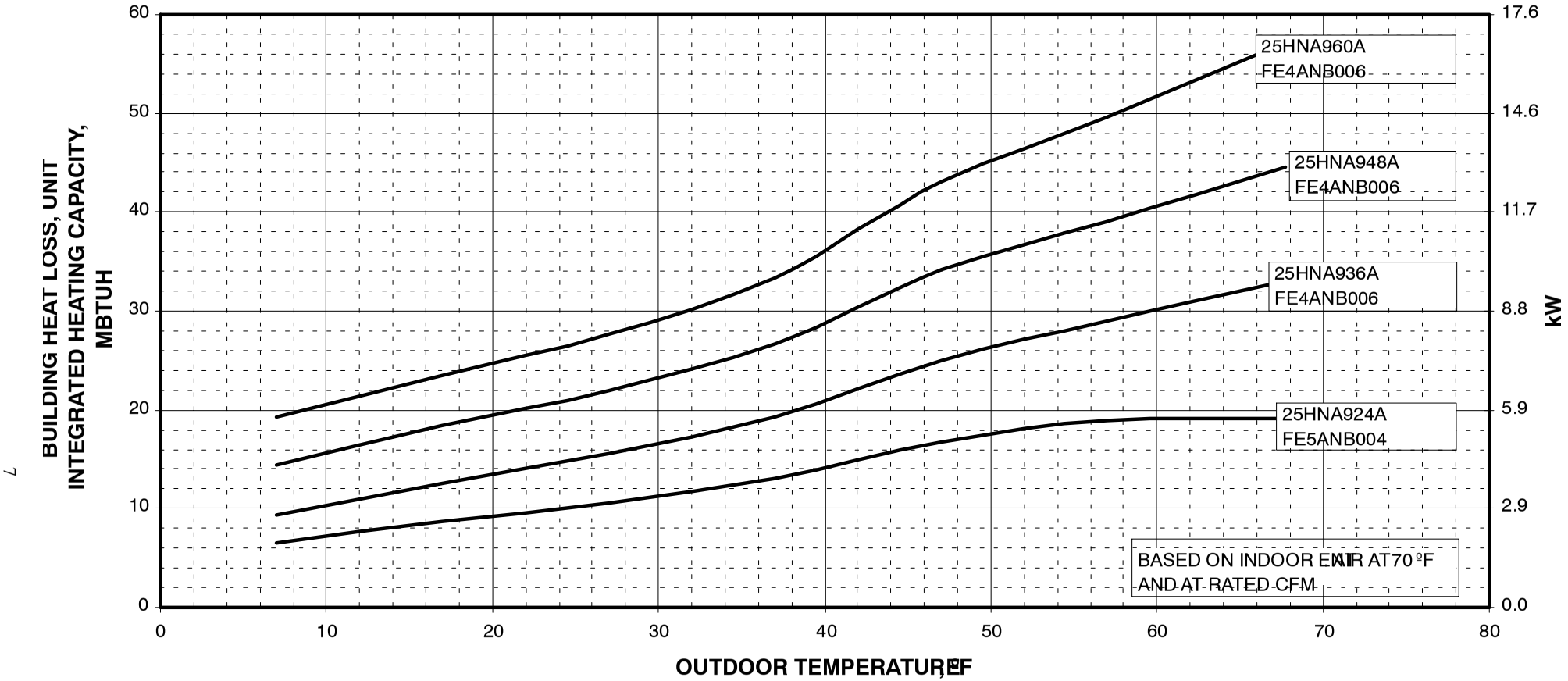
1. ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT, 48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE, AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 55°F, MAX. 125°F.
3. SERIES DESIGNATION IS THE 13TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF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



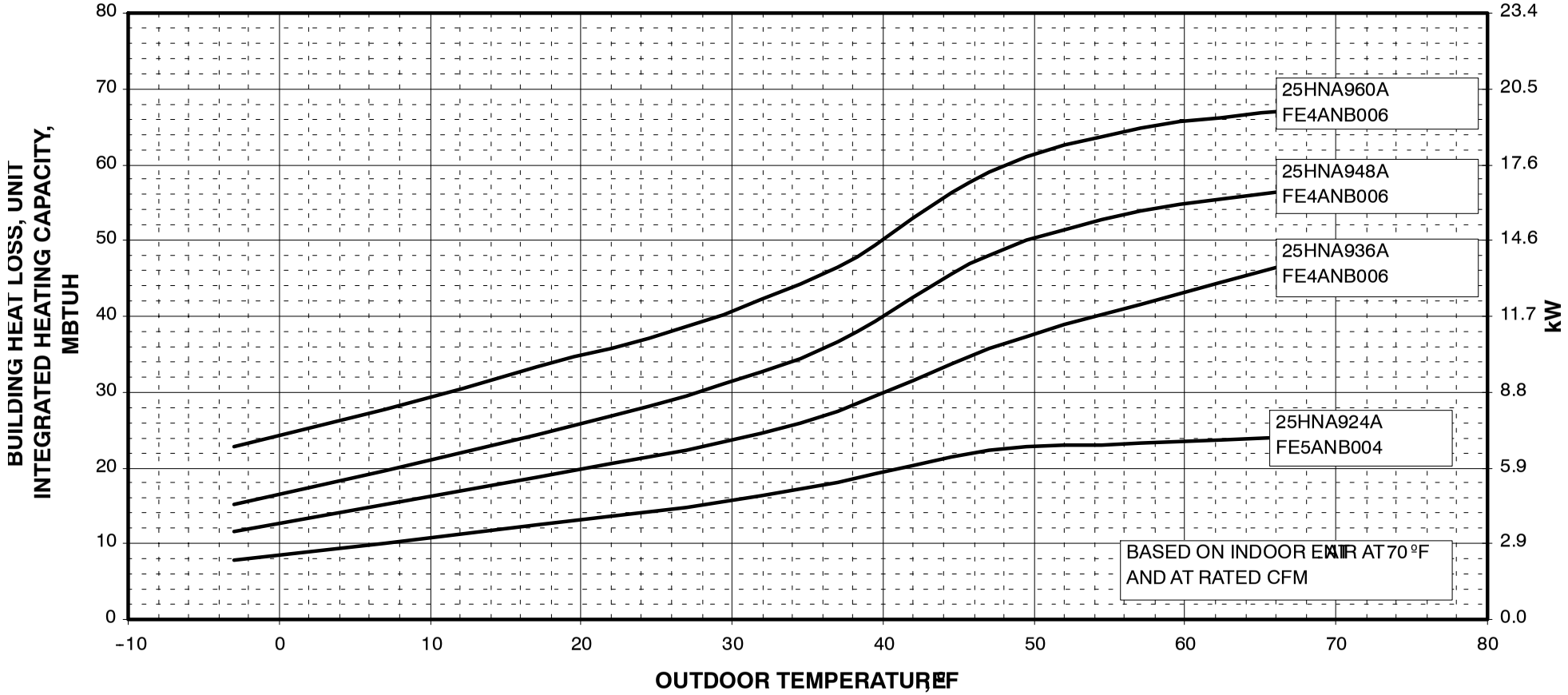




| UNIT SIZE | MINIMUM MOUNTING PAD DIMENSIONS |
|---|---|
| - | 29 1/2" X 33" |
| 24,36,48,60 | 36 1/2" X 40" |

# 25HNA9 BALANCE POINT WORKSHEET
## LOW-STAGE



# 25HNA9 BALANCE POINT WORKSHEET
## HIGH-STAGE



# COMBINATION RATINGS

| UNIT SIZE – VOLTAGE & SERIES | INDOOR MODEL | COOLING CAPACITY | | ARI STANDARD RATINGS† | | | | | | | | | | | | | FURNACE MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | COOLING | | | | HEATING | | | | | | | | | |
| | | | | | | | | HIGH TEMP | | | | LOW TEMP | | | | | |
| | | | | | | | | CAPACITY | | COP | | CAPACITY | | COP | | HSPF | |
| | | HIGH | LOW | SEER | EER | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | | |
| 24 – 30 | ‡*FE5ANB004 | 26400 | 19000 | 19 | 14.1 | 800 | 665 | 22400 | 16800 | 2.64 | 3.06 | 13700 | 9500 | 2.78 | 2.4 | 9.2 | |
| | FE4ANF002 | 25400 | 18400 | 17.9 | 13.2 | 800 | 665 | 22600 | 16600 | 2.58 | 3 | 13700 | 9400 | 2.66 | 2.26 | 8.5 | |
| | FE4ANF003 | 25600 | 18400 | 18.3 | 13.5 | 800 | 665 | 22600 | 16400 | 2.58 | 2.98 | 13600 | 9400 | 2.66 | 2.28 | 8.5 | |
| | | | | | | | | | | | | | | | | | |
| | CAP**4817A** | 26000 | 18600 | 18 | 13.3 | 800 | 665 | 22800 | 16800 | 2.56 | 2.98 | 13900 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)090–16 |
| | CAP**4817A** | 26000 | 18600 | 18 | 13.2 | 800 | 665 | 22800 | 16800 | 2.56 | 2.96 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58CV(A,X)110–20 |
| | CAP**4817A** | 26000 | 18600 | 17.5 | 13.1 | 800 | 665 | 22800 | 16800 | 2.54 | 2.96 | 14000 | 9600 | 2.64 | 2.3 | 8.5 | 58MVB080–20 |
| | CAP**4817A** | 26000 | 18600 | 17.5 | 13.2 | 800 | 665 | 22800 | 16800 | 2.56 | 2.96 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58MVB100–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13800 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)090–16 |
| | CAP**4821A** | 25800 | 18600 | 18 | 13.2 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13900 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)110–20 |
| | CAP**4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13800 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)135–22 |
| | CAP**4821A** | 25800 | 18600 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13800 | 9600 | 2.68 | 2.32 | 8.5 | 58CV(A,X)155–22 |
| | CAP**4821A** | 25800 | 18600 | 17.5 | 13.1 | 800 | 665 | 22600 | 16800 | 2.54 | 2.98 | 13900 | 9600 | 2.64 | 2.3 | 8.5 | 58MVB080–20 |
| | CAP**4821A** | 25800 | 18600 | 17.5 | 13.2 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13900 | 9600 | 2.64 | 2.3 | 8.5 | 58MVB100–20 |
| | CAP**4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**4824A** | 25800 | 18600 | 17.5 | 13.2 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58CV(A,X)110–20 |
| | CAP**4824A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13800 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)135–22 |
| | CAP**4824A** | 25800 | 18600 | 18 | 13.4 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13800 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)155–22 |
| | CAP**4824A** | 25800 | 18600 | 17.5 | 13.1 | 800 | 665 | 22600 | 16800 | 2.54 | 2.98 | 13900 | 9600 | 2.64 | 2.3 | 8.5 | 58MVB080–20 |
| | CAP**4824A** | 25800 | 18600 | 17.5 | 13.2 | 800 | 665 | 22600 | 16800 | 2.54 | 2.98 | 13900 | 9700 | 2.64 | 2.3 | 8.5 | 58MVB100–20 |
| | CAP**4824A** | 25800 | 18600 | 17.5 | 13.3 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**6021A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22600 | 16600 | 2.56 | 2.96 | 13800 | 9500 | 2.66 | 2.34 | 8.5 | 58CV(A,X)090–16 |
| | CAP**6021A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.56 | 2.96 | 13800 | 9600 | 2.64 | 2.32 | 8.4 | 58CV(A,X)110–20 |
| | CAP**6021A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22600 | 16600 | 2.56 | 2.96 | 13800 | 9600 | 2.66 | 2.34 | 8.5 | 58CV(A,X)135–22 |
| | CAP**6021A** | 26200 | 18800 | 18 | 13.6 | 800 | 665 | 22600 | 16600 | 2.56 | 2.96 | 13800 | 9500 | 2.66 | 2.34 | 8.5 | 58CV(A,X)155–22 |
| | CAP**6021A** | 26200 | 18800 | 18 | 13.3 | 800 | 665 | 22600 | 16700 | 2.54 | 2.94 | 13900 | 9600 | 2.62 | 2.32 | 8.4 | 58MVB080–20 |
| | CAP**6021A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.54 | 2.94 | 13800 | 9600 | 2.64 | 2.32 | 8.4 | 58MVB100–20 |
| | CAP**6021A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22600 | 16600 | 2.56 | 2.94 | 13800 | 9600 | 2.64 | 2.32 | 8.4 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.54 | 2.94 | 13800 | 9600 | 2.64 | 2.32 | 8.4 | 58CV(A,X)110–20 |
| | CAP**6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.56 | 2.94 | 13800 | 9600 | 2.64 | 2.32 | 8.4 | 58CV(A,X)135–22 |
| | CAP**6024A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22600 | 16600 | 2.56 | 2.94 | 13800 | 9600 | 2.64 | 2.32 | 8.4 | 58CV(A,X)155–22 |
| | CAP**6024A** | 26000 | 18800 | 18 | 13.2 | 800 | 665 | 22600 | 16600 | 2.52 | 2.94 | 13900 | 9600 | 2.62 | 2.3 | 8.4 | 58MVB080–20 |
| | CAP**6024A** | 26200 | 18800 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.54 | 2.92 | 13800 | 9600 | 2.62 | 2.3 | 8.4 | 58MVB100–20 |
| | CAP**6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.54 | 2.94 | 13800 | 9600 | 2.64 | 2.3 | 8.4 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPH*4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)090–16 |
| | CNPH*4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9500 | 2.64 | 2.3 | 8.5 | 58CV(A,X)110–20 |
| | CNPH*4821A** | 26000 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)135–22 |
| | CNPH*4821A** | 26000 | 18600 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.58 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)155–22 |
| | CNPH*4821A** | 25800 | 18600 | 17.5 | 13.1 | 800 | 665 | 22800 | 16600 | 2.54 | 3 | 13900 | 9500 | 2.64 | 2.3 | 8.5 | 58MVB080–20 |
| | CNPH*4821A** | 25800 | 18600 | 17.5 | 13.2 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9600 | 2.64 | 2.28 | 8.5 | 58MVB100–20 |
| | CNPH*4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13800 | 9500 | 2.66 | 2.3 | 8.5 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPH*6024A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22400 | 16600 | 2.56 | 3 | 13800 | 9600 | 2.64 | 2.36 | 8.7 | 58CV(A,X)090–16 |
| | CNPH*6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22400 | 16600 | 2.54 | 2.98 | 13800 | 9600 | 2.64 | 2.34 | 8.7 | 58CV(A,X)110–20 |
| | CNPH*6024A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22400 | 16600 | 2.56 | 3 | 13800 | 9600 | 2.64 | 2.36 | 8.7 | 58CV(A,X)135–22 |
| | CNPH*6024A** | 26200 | 18800 | 18 | 13.6 | 800 | 665 | 22400 | 16400 | 2.56 | 3 | 13700 | 9600 | 2.66 | 2.36 | 8.7 | 58CV(A,X)155–22 |
| | CNPH*6024A** | 26000 | 18800 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.52 | 2.98 | 13800 | 9700 | 2.62 | 2.34 | 8.5 | 58MVB080–20 |
| | CNPH*6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22400 | 16600 | 2.54 | 2.98 | 13800 | 9700 | 2.64 | 2.34 | 8.6 | 58MVB100–20 |
| | CNPH*6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22400 | 16600 | 2.54 | 2.98 | 13800 | 9700 | 2.64 | 2.34 | 8.6 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*4821A** | 25800 | 18700 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)090–16 |
| | CNPV*4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9500 | 2.64 | 2.3 | 8.5 | 58CV(A,X)110–20 |
| | CNPV*4821A** | 26000 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)135–22 |
| | CNPV*4821A** | 26000 | 18600 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.58 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)155–22 |
| | CNPV*4821A** | 25800 | 18600 | 17.5 | 13.1 | 800 | 665 | 22800 | 16600 | 2.54 | 3 | 13900 | 9500 | 2.64 | 2.3 | 8.5 | 58MVB080–20 |
| | CNPV*4821A** | 25800 | 18600 | 17.5 | 13.2 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9600 | 2.64 | 2.28 | 8.5 | 58MVB100–20 |
| | CNPV*4821A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13800 | 9500 | 2.66 | 2.3 | 8.5 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*4824A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9500 | 2.64 | 2.3 | 8.5 | 58CV(A,X)110–20 |
| | CNPV*4824A** | 26000 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)135–22 |
| | CNPV*4824A** | 26000 | 18600 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.58 | 3.02 | 13800 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)155–22 |
| | CNPV*4824A** | 25800 | 18600 | 17.5 | 13.1 | 800 | 665 | 22800 | 16600 | 2.54 | 3 | 13900 | 9500 | 2.64 | 2.3 | 8.5 | 58MVB080–20 |
| | CNPV*4824A** | 25800 | 18600 | 17.5 | 13.2 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9600 | 2.64 | 2.28 | 8.5 | 58MVB100–20 |
| | CNPV*4824A** | 25800 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13800 | 9500 | 2.66 | 2.3 | 8.5 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22400 | 16600 | 2.54 | 2.98 | 13800 | 9600 | 2.64 | 2.34 | 8.7 | 58CV(A,X)110–20 |
| | CNPV*6024A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22400 | 16600 | 2.56 | 3 | 13800 | 9600 | 2.64 | 2.36 | 8.7 | 58CV(A,X)135–22 |
| | CNPV*6024A** | 26200 | 18800 | 18 | 13.6 | 800 | 665 | 22400 | 16400 | 2.56 | 3 | 13700 | 9600 | 2.66 | 2.36 | 8.7 | 58CV(A,X)155–22 |
| | CNPV*6024A** | 26000 | 18800 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.52 | 2.98 | 13800 | 9700 | 2.62 | 2.34 | 8.5 | 58MVB080–20 |
| | CNPV*6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22400 | 16600 | 2.54 | 2.98 | 13800 | 9700 | 2.64 | 2.34 | 8.6 | 58MVB100–20 |
| | CNPV*6024A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22400 | 16600 | 2.54 | 2.98 | 13800 | 9700 | 2.64 | 2.34 | 8.6 | 58MVB120–20 |

See notes on pg. 13

# COMBINATION RATINGS CONTINUED

| UNIT SIZE – VOLTAGE & SERIES | INDOOR MODEL | COOLING CAPACITY | | ARI STANDARD RATINGS† | | | | | | | | | | | | | FURNACE MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | COOLING | | | | HEATING | | | | | | | | | |
| | | | | | | | | HIGH TEMP | | | | LOW TEMP | | | | | |
| | | | | | | | | CAPACITY | | COP | | CAPACITY | | COP | | | |
| | | HIGH | LOW | SEER | EER | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | HSPF | |
| 24–30 | CSPH*4812A** | 26000 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9500 | 2.66 | 2.3 | 8.6 | 58CV(A,X)090–16 |
| | CSPH*4812A** | 26000 | 18600 | 18 | 13.2 | 800 | 665 | 22600 | 16600 | 2.54 | 3 | 13900 | 9600 | 2.64 | 2.3 | 8.5 | 58CV(A,X)110–20 |
| | CSPH*4812A** | 26000 | 18600 | 18 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58CV(A,X)135–22 |
| | CSPH*4812A** | 26000 | 18600 | 18 | 13.4 | 800 | 665 | 22600 | 16600 | 2.56 | 3 | 13800 | 9600 | 2.66 | 2.3 | 8.6 | 58CV(A,X)155–22 |
| | CSPH*4812A** | 26000 | 18600 | 17.5 | 13.1 | 800 | 665 | 22800 | 16600 | 2.54 | 2.98 | 13900 | 9600 | 2.62 | 2.3 | 8.5 | 58MVB080–20 |
| | CSPH*4812A** | 26000 | 18600 | 17.5 | 13.2 | 800 | 665 | 22600 | 16600 | 2.54 | 2.98 | 13900 | 9600 | 2.64 | 2.28 | 8.5 | 58MVB100–20 |
| | CSPH*4812A** | 26000 | 18600 | 17.5 | 13.3 | 800 | 665 | 22600 | 16600 | 2.56 | 2.98 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58MVB120–20 |
| | CSPH*6012A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13800 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)090–16 |
| | CSPH*6012A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16800 | 2.56 | 2.96 | 13900 | 9600 | 2.64 | 2.32 | 8.5 | 58CV(A,X)110–20 |
| | CSPH*6012A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22600 | 16800 | 2.56 | 2.96 | 13800 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)135–22 |
| | CSPH*6012A** | 26200 | 18800 | 18 | 13.5 | 800 | 665 | 22600 | 16800 | 2.56 | 2.98 | 13800 | 9600 | 2.66 | 2.32 | 8.5 | 58CV(A,X)155–22 |
| | CSPH*6012A** | 26200 | 18800 | 18 | 13.2 | 800 | 665 | 22800 | 16800 | 2.54 | 2.96 | 13900 | 9600 | 2.64 | 2.3 | 8.5 | 58MVB080–20 |
| | CSPH*6012A** | 26200 | 18800 | 18 | 13.3 | 800 | 665 | 22600 | 16800 | 2.54 | 2.96 | 13900 | 9600 | 2.64 | 2.3 | 8.5 | 58MVB100–20 |
| | CSPH*6012A** | 26200 | 18800 | 18 | 13.4 | 800 | 665 | 22600 | 16800 | 2.56 | 2.96 | 13900 | 9600 | 2.66 | 2.3 | 8.5 | 58MVB120–20 |
| 36–30 | ‡*FE4ANB006 | 36000 | 25800 | 18.2 | 13.5 | 1200 | 925 | 36000 | 25000 | 4.26 | 4.36 | 21000 | 13800 | 2.92 | 2.58 | 9.5 | |
| | FE4AN(B,F)003 | 34800 | 24800 | 17.2 | 12.6 | 1200 | 925 | 36000 | 24600 | 3.82 | 4.06 | 21000 | 13700 | 2.72 | 2.46 | 8.8 | |
| | ‡FE4AN(B,F)005 | 36400 | 25600 | 17.8 | 13.2 | 1200 | 925 | 36000 | 25000 | 4.08 | 4.26 | 21000 | 13800 | 2.84 | 2.54 | 9.2 | |
| | FE4ANF002 | 34400 | 24600 | 16.5 | 12 | 1200 | 925 | 36000 | 24800 | 3.74 | 4 | 21400 | 13900 | 2.64 | 2.42 | 8.7 | |
| | ‡FE5ANB004 | 36800 | 25800 | 18.3 | 13.5 | 1200 | 925 | 33000 | 24000 | 3.68 | 4.14 | 19600 | 13000 | 2.8 | 2.42 | 9 | |
| | CAP**3614A** | 34200 | 24600 | 15.5 | 11.7 | 1200 | 925 | 37000 | 25000 | 3.64 | 3.9 | 21600 | 14000 | 2.6 | 2.38 | 8.6 | 58CV(A,X)070–12 |
| | CAP**3617A** | 34200 | 24600 | 16 | 11.8 | 1200 | 925 | 36400 | 24800 | 3.76 | 3.94 | 21000 | 14000 | 2.68 | 2.38 | 8.7 | 58CV(A,X)070–12 |
| | CAP**3617A** | 34600 | 24800 | 16.5 | 12.3 | 1200 | 925 | 36000 | 24800 | 3.76 | 4.02 | 21200 | 13800 | 2.68 | 2.42 | 8.7 | 58CV(A,X)090–16 |
| | CAP**3617A** | 34400 | 24600 | 16 | 12.1 | 1200 | 925 | 36800 | 24800 | 3.72 | 3.98 | 21200 | 13900 | 2.66 | 2.4 | 8.7 | 58MVB060–14 |
| | CAP**3621A** | 34800 | 24800 | 16.5 | 12.4 | 1200 | 925 | 36000 | 24800 | 3.78 | 4.02 | 21000 | 13800 | 2.7 | 2.42 | 9 | 58CV(A,X)110–20 |
| | CAP**3621A** | 34400 | 24600 | 16 | 12 | 1200 | 925 | 36000 | 24800 | 3.72 | 3.98 | 21400 | 13900 | 2.64 | 2.4 | 8.7 | 58MVB080–14 |
| | CAP**3621A** | 34600 | 24600 | 16 | 12.2 | 1200 | 925 | 36000 | 24800 | 3.74 | 3.96 | 21200 | 13900 | 2.66 | 2.4 | 8.7 | 58MVB080–20 |
| | CAP**3621A** | 34600 | 24800 | 16.5 | 12.3 | 1200 | 925 | 36000 | 24800 | 3.76 | 4 | 21200 | 13900 | 2.68 | 2.42 | 8.7 | 58MVB100–20 |
| | CAP**4221A** | 34800 | 25000 | 16.5 | 12.4 | 1200 | 925 | 36200 | 24800 | 3.92 | 4.08 | 20800 | 13800 | 2.78 | 2.46 | 9 | 58CV(A,X)090–16 |
| | CAP**4221A** | 35000 | 24800 | 16.5 | 12.5 | 1200 | 925 | 36000 | 24800 | 3.84 | 4.06 | 21200 | 13900 | 2.72 | 2.44 | 9 | 58CV(A,X)110–20 |
| | CAP**4221A** | 34800 | 24800 | 16.5 | 12.1 | 1200 | 925 | 36000 | 25000 | 3.76 | 4.02 | 21400 | 13900 | 2.66 | 2.42 | 9 | 58MVB080–14 |
| | CAP**4221A** | 34800 | 24800 | 16.5 | 12.2 | 1200 | 925 | 36000 | 25000 | 3.78 | 4.02 | 21200 | 14000 | 2.68 | 2.42 | 9 | 58MVB080–20 |
| | CAP**4221A** | 35000 | 24800 | 16.5 | 12.4 | 1200 | 925 | 36000 | 24800 | 3.82 | 4.04 | 21200 | 13900 | 2.7 | 2.44 | 9 | 58MVB100–20 |
| | CAP**4224A** | 35200 | 25000 | 17 | 12.8 | 1200 | 925 | 36000 | 24800 | 3.9 | 4.1 | 21000 | 13800 | 2.76 | 2.46 | 9 | 58CV(A,X)135–22 |
| | CAP**4224A** | 35200 | 25000 | 17 | 12.8 | 1200 | 925 | 36000 | 24800 | 3.9 | 4.12 | 21000 | 13800 | 2.78 | 2.48 | 9 | 58CV(A,X)155–22 |
| | CAP**4224A** | 34800 | 24800 | 16.5 | 12.2 | 1200 | 925 | 36000 | 25000 | 3.78 | 4.02 | 21400 | 14000 | 2.68 | 2.42 | 9 | 58MVB040–14 |
| | CAP**4224A** | 35000 | 24800 | 16.5 | 12.5 | 1200 | 925 | 36000 | 24800 | 3.84 | 4.06 | 21200 | 13900 | 2.74 | 2.44 | 9 | 58MVB120–20 |
| | CAP**4817A** | 35600 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.94 | 4.12 | 21600 | 14200 | 2.72 | 2.46 | 9 | 58CV(A,X)070–12 |
| | CAP**4817A** | 35800 | 25400 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.2 | 21400 | 14000 | 2.78 | 2.5 | 9.2 | 58CV(A,X)090–16 |
| | CAP**4817A** | 35800 | 25400 | 17 | 12.6 | 1200 | 925 | 36000 | 25200 | 4.02 | 4.18 | 21400 | 14000 | 2.78 | 2.48 | 9.2 | 58CV(A,X)110–20 |
| | CAP**4817A** | 35800 | 25400 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25200 | 4 | 4.16 | 21400 | 14100 | 2.76 | 2.48 | 9 | 58MVB060–14 |
| | CAP**4817A** | 35600 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.94 | 4.14 | 21600 | 14100 | 2.72 | 2.46 | 9 | 58MVB080–14 |
| | CAP**4817A** | 35800 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25200 | 3.98 | 4.14 | 21600 | 14100 | 2.74 | 2.46 | 9 | 58MVB080–20 |
| | CAP**4817A** | 35800 | 25400 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25200 | 4 | 4.16 | 21400 | 14100 | 2.76 | 2.48 | 9 | 58MVB100–20 |
| | CAP**4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.18 | 21200 | 13900 | 2.78 | 2.48 | 9.1 | 58CV(A,X)090–16 |
| | CAP**4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.16 | 21200 | 13900 | 2.78 | 2.48 | 9.1 | 58CV(A,X)110–20 |
| | CAP**4821A** | 35800 | 25200 | 17 | 12.9 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.2 | 21200 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)135–22 |
| | CAP**4821A** | 35800 | 25400 | 17.5 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.22 | 21000 | 13800 | 2.82 | 2.5 | 9.2 | 58CV(A,X)155–22 |
| | CAP**4821A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.92 | 4.1 | 21400 | 14000 | 2.72 | 2.46 | 9 | 58MVB040–14 |
| | CAP**4821A** | 35600 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.94 | 4.14 | 21400 | 14000 | 2.76 | 2.48 | 9 | 58MVB060–14 |
| | CAP**4821A** | 35400 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25000 | 3.9 | 4.12 | 21400 | 14000 | 2.72 | 2.46 | 9 | 58MVB080–14 |
| | CAP**4821A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.92 | 4.1 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB080–20 |
| | CAP**4821A** | 35600 | 25200 | 17 | 12.6 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.14 | 21400 | 14000 | 2.76 | 2.48 | 9.1 | 58MVB100–20 |
| | CAP**4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.16 | 21200 | 14000 | 2.78 | 2.48 | 9.1 | 58MVB120–20 |
| | CAP**4824A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.16 | 21200 | 13900 | 2.78 | 2.48 | 9.1 | 58CV(A,X)110–20 |
| | CAP**4824A** | 35800 | 25200 | 17 | 12.9 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.18 | 21200 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)135–22 |
| | CAP**4824A** | 35800 | 25200 | 17 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.2 | 21000 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)155–22 |
| | CAP**4824A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25200 | 3.92 | 4.1 | 21400 | 14100 | 2.72 | 2.46 | 9 | 58MVB040–14 |
| | CAP**4824A** | 35400 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25000 | 3.9 | 4.12 | 21400 | 14000 | 2.72 | 2.46 | 9 | 58MVB080–14 |
| | CAP**4824A** | 35400 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.94 | 4.1 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB080–20 |
| | CAP**4824A** | 35600 | 25200 | 16.5 | 12.6 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.14 | 21400 | 14000 | 2.76 | 2.46 | 9 | 58MVB100–20 |
| | CAP**4824A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.14 | 21200 | 14000 | 2.78 | 2.48 | 9.1 | 58MVB120–20 |
| | CNPH*3617A** | 34200 | 24600 | 15.5 | 11.8 | 1200 | 925 | 36000 | 24800 | 3.64 | 3.9 | 21400 | 14000 | 2.6 | 2.38 | 8.5 | 58CV(A,X)070–12 |
| | CNPH*3617A** | 34600 | 24600 | 16.5 | 12.2 | 1200 | 925 | 36000 | 24800 | 3.72 | 3.98 | 21200 | 13900 | 2.66 | 2.4 | 8.7 | 58CV(A,X)090–16 |
| | CNPH*3617A** | 34400 | 24600 | 16 | 12.1 | 1200 | 925 | 36000 | 24800 | 3.7 | 3.96 | 21200 | 13900 | 2.64 | 2.4 | 8.6 | 58CV(A,X)110–20 |
| | CNPH*3617A** | 34600 | 24600 | 16.5 | 12.3 | 1200 | 925 | 36000 | 24800 | 3.74 | 3.98 | 21000 | 13900 | 2.68 | 2.42 | 8.7 | 58CV(A,X)135–22 |

See notes on pg. 13

# COMBINATION RATINGS CONTINUED

| UNIT SIZE – VOLTAGE & SERIES | INDOOR MODEL | COOLING CAPACITY | | ARI STANDARD RATINGS† | | | | | | | | | | | | | FURNACE MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | COOLING | | | | HEATING | | | | | | | | | |
| | | | | SEER | EER | ID CFM | | HIGH TEMP | | | | LOW TEMP | | | | HSPF | |
| | | | | | | | | CAPACITY | | COP | | CAPACITY | | COP | | | |
| | | HIGH | LOW | | | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | | |
| 36 – 30 | CNPH*3617A** | 34600 | 24600 | 16.5 | 12.4 | 1200 | 925 | 36000 | 24600 | 3.76 | 4 | 21000 | 13800 | 2.7 | 2.42 | 8.7 | 58CV(A,X)155 – 22 |
| | CNPH*3617A** | 34400 | 24600 | 16 | 11.8 | 1200 | 925 | 36000 | 24800 | 3.66 | 3.92 | 21400 | 14000 | 2.6 | 2.38 | 8.6 | 58MVB040 – 14 |
| | CNPH*3617A** | 34400 | 24600 | 16 | 12 | 1200 | 925 | 36000 | 24800 | 3.68 | 3.94 | 21200 | 13900 | 2.64 | 2.38 | 8.6 | 58MVB060 – 14 |
| | CNPH*3617A** | 34200 | 24600 | 16 | 11.8 | 1200 | 925 | 36000 | 24800 | 3.64 | 3.92 | 21400 | 14000 | 2.6 | 2.38 | 8.6 | 58MVB080 – 14 |
| | CNPH*3617A** | 34400 | 24600 | 16 | 11.9 | 1200 | 925 | 36000 | 24800 | 3.66 | 3.92 | 21400 | 14000 | 2.62 | 2.38 | 8.6 | 58MVB080 – 20 |
| | CNPH*3617A** | 34400 | 24600 | 16 | 12 | 1200 | 925 | 36000 | 24800 | 3.68 | 3.94 | 21400 | 13900 | 2.64 | 2.4 | 8.6 | 58MVB100 – 20 |
| | CNPH*3617A** | 34600 | 24600 | 16 | 12.2 | 1200 | 925 | 36000 | 24800 | 3.72 | 3.96 | 21200 | 13900 | 2.66 | 2.4 | 8.7 | 58MVB120 – 20 |
| | | | | | | | | | | | | | | | | | |
| | CNPH*4221A** | 35000 | 24800 | 16.5 | 12.3 | 1200 | 925 | 36000 | 24800 | 3.82 | 4.04 | 21200 | 13900 | 2.7 | 2.44 | 9 | 58CV(A,X)070 – 12 |
| | CNPH*4221A** | 35200 | 25000 | 17 | 12.7 | 1200 | 925 | 36000 | 24800 | 3.9 | 4.14 | 21000 | 13800 | 2.76 | 2.48 | 9.1 | 58CV(A,X)090 – 16 |
| | CNPH*4221A** | 35200 | 25000 | 17 | 12.9 | 1200 | 925 | 36000 | 24600 | 3.92 | 4.16 | 21000 | 13700 | 2.78 | 2.5 | 9 | 58CV(A,X)110 – 20 |
| | ‡CNPH*4221A** | 35400 | 25000 | 17.5 | 13 | 1200 | 925 | 36000 | 24600 | 3.96 | 4.18 | 20800 | 13700 | 2.8 | 2.5 | 9.1 | 58CV(A,X)135 – 22 |
| | ‡CNPH*4221A** | 35400 | 25000 | 17.5 | 13.1 | 1200 | 925 | 36000 | 24600 | 3.96 | 4.16 | 20800 | 13700 | 2.82 | 2.5 | 9.1 | 58CV(A,X)155 – 22 |
| | CNPH*4221A** | 35000 | 25000 | 16.5 | 12.5 | 1200 | 925 | 36000 | 24800 | 3.84 | 4.08 | 21200 | 13900 | 2.72 | 2.46 | 9 | 58MVB040 – 14 |
| | CNPH*4221A** | 35200 | 25000 | 17 | 12.6 | 1200 | 925 | 36000 | 24800 | 3.86 | 4.1 | 21000 | 13800 | 2.74 | 2.46 | 9 | 58MVB060 – 14 |
| | CNPH*4221A** | 35000 | 25000 | 17 | 12.4 | 1200 | 925 | 36000 | 24800 | 3.82 | 4.1 | 21200 | 13800 | 2.72 | 2.46 | 9 | 58MVB080 – 14 |
| | CNPH*4221A** | 35000 | 25000 | 16.5 | 12.5 | 1200 | 925 | 36000 | 24800 | 3.84 | 4.06 | 21200 | 13900 | 2.72 | 2.44 | 9 | 58MVB080 – 20 |
| | CNPH*4221A** | 35200 | 25000 | 17 | 12.7 | 1200 | 925 | 36000 | 24800 | 3.9 | 4.1 | 21000 | 13800 | 2.76 | 2.46 | 9 | 58MVB100 – 20 |
| | CNPH*4221A** | 35200 | 25000 | 17 | 12.8 | 1200 | 925 | 36000 | 24800 | 3.9 | 4.1 | 21000 | 13800 | 2.78 | 2.46 | 9 | 58MVB120 – 20 |
| | | | | | | | | | | | | | | | | | |
| | CNPH*4821A** | 35400 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.9 | 4.1 | 21400 | 14100 | 2.72 | 2.44 | 9 | 58CV(A,X)070 – 12 |
| | CNPH*4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.18 | 21200 | 13900 | 2.78 | 2.5 | 9.2 | 58CV(A,X)090 – 16 |
| | CNPH*4821A** | 35800 | 25200 | 17 | 12.8 | 1200 | 925 | 36000 | 25000 | 4 | 4.18 | 21200 | 13900 | 2.78 | 2.48 | 9 | 58CV(A,X)110 – 20 |
| | ‡CNPH*4821A** | 35800 | 25400 | 17 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.2 | 21000 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)135 – 22 |
| | ‡CNPH*4821A** | 35800 | 25400 | 17.5 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.22 | 21000 | 13800 | 2.82 | 2.52 | 9.2 | 58CV(A,X)155 – 22 |
| | CNPH*4821A** | 35600 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.92 | 4.12 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB040 – 14 |
| | CNPH*4821A** | 35600 | 25200 | 17 | 12.6 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.16 | 21400 | 14000 | 2.76 | 2.48 | 9 | 58MVB060 – 14 |
| | CNPH*4821A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.9 | 4.14 | 21400 | 14000 | 2.72 | 2.46 | 9.1 | 58MVB080 – 14 |
| | CNPH*4821A** | 35600 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.94 | 4.12 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB080 – 20 |
| | CNPH*4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.16 | 21200 | 14000 | 2.78 | 2.48 | 9.1 | 58MVB100 – 20 |
| | CNPH*4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.16 | 21200 | 14000 | 2.78 | 2.48 | 9.1 | 58MVB120 – 20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*3617A** | 34200 | 24600 | 15.5 | 11.7 | 1200 | 925 | 36400 | 24800 | 3.7 | 3.9 | 21000 | 14000 | 2.66 | 2.38 | 8.6 | 58CV(A,X)070 – 12 |
| | CNPV*3617A** | 34600 | 24600 | 16.5 | 12.2 | 1200 | 925 | 36000 | 24800 | 3.72 | 3.98 | 21200 | 13900 | 2.66 | 2.4 | 8.7 | 58CV(A,X)090 – 16 |
| | CNPV*3617A** | 34400 | 24600 | 16 | 12 | 1200 | 925 | 36000 | 24800 | 3.68 | 3.94 | 21400 | 13900 | 2.64 | 2.38 | 8.6 | 58MVB060 – 14 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*3621A** | 34600 | 24600 | 16 | 12.1 | 1200 | 925 | 36000 | 24800 | 3.72 | 3.96 | 21200 | 13900 | 2.66 | 2.4 | 8.7 | 58CV(A,X)110 – 20 |
| | CNPV*3621A** | 34400 | 24600 | 16 | 11.8 | 1200 | 925 | 36000 | 24800 | 3.64 | 3.92 | 21400 | 14000 | 2.6 | 2.38 | 8.6 | 58MVB080 – 14 |
| | CNPV*3621A** | 34400 | 24600 | 16 | 12 | 1200 | 925 | 36000 | 24800 | 3.68 | 3.92 | 21400 | 14000 | 2.62 | 2.38 | 8.6 | 58MVB080 – 20 |
| | CNPV*3621A** | 34400 | 24600 | 16 | 12 | 1200 | 925 | 36000 | 24800 | 3.7 | 3.96 | 21200 | 13900 | 2.64 | 2.4 | 8.6 | 58MVB100 – 20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*4221A** | 35200 | 25000 | 17 | 12.9 | 1200 | 925 | 36000 | 24600 | 3.92 | 4.16 | 21000 | 13700 | 2.78 | 2.5 | 9.1 | 58CV(A,X)110 – 20 |
| | CNPV*4221A** | 35000 | 25000 | 17 | 12.4 | 1200 | 925 | 36000 | 24800 | 3.82 | 4.1 | 21200 | 13800 | 2.72 | 2.46 | 9 | 58MVB080 – 14 |
| | CNPV*4221A** | 35000 | 25000 | 16.5 | 12.5 | 1200 | 925 | 36000 | 24800 | 3.84 | 4.08 | 21200 | 13900 | 2.72 | 2.44 | 9 | 58MVB080 – 20 |
| | CNPV*4221A** | 35200 | 25000 | 17 | 12.7 | 1200 | 925 | 36000 | 24800 | 3.9 | 4.1 | 21000 | 13800 | 2.76 | 2.46 | 9 | 58MVB100 – 20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 4 | 4.18 | 21200 | 13900 | 2.78 | 2.5 | 9.2 | 58CV(A,X)090 – 16 |
| | CNPV*4821A** | 35800 | 25200 | 17 | 12.8 | 1200 | 925 | 36000 | 25000 | 4 | 4.18 | 21200 | 13900 | 2.78 | 2.48 | 9.2 | 58CV(A,X)110 – 20 |
| | ‡CNPV*4821A** | 35800 | 25400 | 17 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.2 | 21000 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)135 – 22 |
| | ‡CNPV*4821A** | 35800 | 25400 | 17.5 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.22 | 21000 | 13800 | 2.82 | 2.52 | 9.2 | 58CV(A,X)155 – 22 |
| | CNPV*4821A** | 35600 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25200 | 3.92 | 4.12 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB040 – 14 |
| | CNPV*4821A** | 35600 | 25200 | 17 | 12.6 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.16 | 21400 | 14000 | 2.76 | 2.48 | 9.1 | 58MVB060 – 14 |
| | CNPV*4821A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.9 | 4.14 | 21400 | 14000 | 2.72 | 2.46 | 9.1 | 58MVB080 – 14 |
| | CNPV*4821A** | 35600 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.94 | 4.12 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB080 – 20 |
| | CNPV*4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.16 | 21200 | 14000 | 2.76 | 2.48 | 9.1 | 58MVB100 – 20 |
| | CNPV*4821A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.16 | 21200 | 14000 | 2.78 | 2.48 | 9.1 | 58MVB120 – 20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*4824A** | 35800 | 25200 | 17 | 12.8 | 1200 | 925 | 36000 | 25000 | 4 | 4.18 | 21200 | 13900 | 2.78 | 2.48 | 9.1 | 58CV(A,X)110 – 20 |
| | ‡CNPV*4824A** | 35800 | 25400 | 17 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.2 | 21000 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)135 – 22 |
| | ‡CNPV*4824A** | 35800 | 25400 | 17.5 | 13 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.22 | 21000 | 13800 | 2.82 | 2.52 | 9.2 | 58CV(A,X)155 – 22 |
| | CNPV*4824A** | 35600 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25200 | 3.92 | 4.12 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB040 – 14 |
| | CNPV*4824A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.9 | 4.14 | 21400 | 14000 | 2.72 | 2.46 | 9.1 | 58MVB080 – 14 |
| | CNPV*4824A** | 35600 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.94 | 4.12 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB080 – 20 |
| | CNPV*4824A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.16 | 21200 | 14000 | 2.76 | 2.48 | 9.1 | 58MVB100 – 20 |
| | CNPV*4824A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.16 | 21200 | 14000 | 2.78 | 2.48 | 9.1 | 58MVB120 – 20 |
| | | | | | | | | | | | | | | | | | |
| | CSPH*3612A** | 35200 | 25000 | 16 | 12.2 | 1200 | 925 | 36000 | 25200 | 3.84 | 4.02 | 21600 | 14100 | 2.68 | 2.42 | 9 | 58CV(A,X)070 – 12 |
| | CSPH*3612A** | 35600 | 25200 | 17 | 12.6 | 1200 | 925 | 36000 | 25000 | 3.92 | 4.12 | 21200 | 14000 | 2.74 | 2.46 | 9 | 58CV(A,X)090 – 16 |
| | CSPH*3612A** | 35400 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.9 | 4.1 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58CV(A,X)110 – 20 |
| | CSPH*3612A** | 35600 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.96 | 4.12 | 21200 | 13900 | 2.78 | 2.46 | 9.1 | 58CV(A,X)135 – 22 |
| | CSPH*3612A** | 35600 | 25200 | 17 | 12.8 | 1200 | 925 | 36000 | 24800 | 3.96 | 4.14 | 21200 | 13900 | 2.78 | 2.48 | 9.1 | 58CV(A,X)155 – 22 |
| | CSPH*3612A** | 35400 | 25000 | 16.5 | 12.2 | 1200 | 925 | 36000 | 25000 | 3.84 | 4.04 | 21600 | 14100 | 2.7 | 2.42 | 9 | 58MVB040 – 14 |
| | CSPH*3612A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.88 | 4.08 | 21400 | 14000 | 2.72 | 2.44 | 9 | 58MVB060 – 14 |
| | CSPH*3612A** | 35200 | 25000 | 16.5 | 12.2 | 1200 | 925 | 36000 | 25000 | 3.84 | 4.06 | 21600 | 14100 | 2.68 | 2.44 | 9 | 58MVB080 – 14 |
| | CSPH*3612A** | 35400 | 25000 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25000 | 3.86 | 4.04 | 21400 | 14100 | 2.7 | 2.44 | 9 | 58MVB080 – 20 |
| | CSPH*3612A** | 35400 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25000 | 3.88 | 4.08 | 21400 | 14000 | 2.72 | 2.44 | 9 | 58MVB100 – 20 |

See notes on pg. 13

# COMBINATION RATINGS CONTINUED

| UNIT SIZE – VOLTAGE & SERIES | INDOOR MODEL | COOLING CAPACITY | | ARI STANDARD RATINGS† | | | | | | | | | | | | | FURNACE MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | COOLING | | | | HEATING | | | | | | | | | |
| | | | | | | | | HIGH TEMP | | | | LOW TEMP | | | | | |
| | | | | | | | | CAPACITY | | COP | | CAPACITY | | COP | | | |
| | | HIGH | LOW | SEER | EER | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | HSPF | |
| 36–30 | CSPH*3612A** | 35600 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.92 | 4.1 | 21200 | 14000 | 2.74 | 2.46 | 9 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CSPH*4212A** | 35600 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.88 | 4.06 | 21600 | 14100 | 2.7 | 2.44 | 9 | 58CV(A,X)070–12 |
| | CSPH*4212A** | 35800 | 25400 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.16 | 21200 | 14000 | 2.78 | 2.48 | 9.1 | 58CV(A,X)090–16 |
| | CSPH*4212A** | 35800 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.14 | 21400 | 14000 | 2.76 | 2.48 | 9 | 58CV(A,X)110–20 |
| | CSPH*4212A** | 35800 | 25400 | 17 | 12.9 | 1200 | 925 | 36000 | 25000 | 4.02 | 4.16 | 21200 | 13900 | 2.8 | 2.48 | 9.1 | 58CV(A,X)135–22 |
| | CSPH*4212A** | 36000 | 25400 | 17 | 12.9 | 1200 | 925 | 36000 | 25000 | 4.04 | 4.18 | 21200 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)155–22 |
| | CSPH*4212A** | 35600 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.9 | 4.08 | 21600 | 14100 | 2.72 | 2.44 | 9 | 58MVB040–14 |
| | CSPH*4212A** | 35600 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25000 | 3.94 | 4.12 | 21400 | 14000 | 2.74 | 2.46 | 9 | 58MVB060–14 |
| | CSPH*4212A** | 35600 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.9 | 4.1 | 21600 | 14100 | 2.72 | 2.44 | 9 | 58MVB080–14 |
| | CSPH*4212A** | 35600 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25200 | 3.92 | 4.1 | 21400 | 14100 | 2.74 | 2.44 | 9 | 58MVB080–20 |
| | CSPH*4212A** | 35600 | 25200 | 16.5 | 12.6 | 1200 | 925 | 36000 | 25000 | 3.94 | 4.12 | 21400 | 14000 | 2.76 | 2.46 | 9.1 | 58MVB100–20 |
| | CSPH*4212A** | 35800 | 25200 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 3.98 | 4.14 | 21400 | 14000 | 2.78 | 2.46 | 9 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CSPH*4812A** | 35600 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.92 | 4.1 | 21600 | 14100 | 2.72 | 2.44 | 9 | 58CV(A,X)070–12 |
| | CSPH*4812A** | 36000 | 25400 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 4 | 4.18 | 21400 | 14000 | 2.78 | 2.5 | 9.2 | 58CV(A,X)090–16 |
| | CSPH*4812A** | 36000 | 25400 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 4 | 4.16 | 21400 | 14000 | 2.78 | 2.48 | 9 | 58CV(A,X)110–20 |
| | CSPH*4812A** | 36000 | 25400 | 17 | 12.9 | 1200 | 925 | 36000 | 25000 | 4.06 | 4.2 | 21200 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)135–22 |
| | ‡CSPH*4812A** | 36000 | 25400 | 17.5 | 13 | 1200 | 925 | 36000 | 25000 | 4.06 | 4.22 | 21200 | 13900 | 2.82 | 2.5 | 9.2 | 58CV(A,X)155–22 |
| | CSPH*4812A** | 35800 | 25200 | 16.5 | 12.4 | 1200 | 925 | 36000 | 25200 | 3.94 | 4.12 | 21600 | 14100 | 2.74 | 2.46 | 9 | 58MVB040–14 |
| | CSPH*4812A** | 35800 | 25400 | 17 | 12.6 | 1200 | 925 | 36000 | 25200 | 3.98 | 4.14 | 21400 | 14000 | 2.76 | 2.48 | 9.1 | 58MVB060–14 |
| | CSPH*4812A** | 35600 | 25200 | 16.5 | 12.3 | 1200 | 925 | 36000 | 25200 | 3.92 | 4.12 | 21600 | 14100 | 2.72 | 2.46 | 9 | 58MVB080–14 |
| | CSPH*4812A** | 35800 | 25200 | 16.5 | 12.5 | 1200 | 925 | 36000 | 25200 | 3.96 | 4.12 | 21400 | 14100 | 2.74 | 2.46 | 9 | 58MVB080–20 |
| | CSPH*4812A** | 35800 | 25400 | 17 | 12.6 | 1200 | 925 | 36000 | 25200 | 3.98 | 4.14 | 21400 | 14000 | 2.76 | 2.48 | 9.1 | 58MVB100–20 |
| | CSPH*4812A** | 36000 | 25400 | 17 | 12.7 | 1200 | 925 | 36000 | 25000 | 4 | 4.16 | 21400 | 14000 | 2.78 | 2.48 | 9.1 | 58MVB120–20 |
| 48–30 | *FE4ANB006 | 46500 | 34400 | 16.8 | 12.6 | 1400 | 1120 | 48000 | 34200 | 3.8 | 4.08 | 26800 | 20200 | 2.82 | 2.66 | 9.3 | |
| | FE4AN(B,F)005 | 46000 | 34000 | 16.4 | 12.3 | 1400 | 1120 | 48000 | 34200 | 3.68 | 3.96 | 26800 | 20200 | 2.76 | 2.62 | 9.1 | |
| | | | | | | | | | | | | | | | | | |
| | CAP**4817A** | 45000 | 33600 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34600 | 3.62 | 3.92 | 27400 | 20400 | 2.68 | 2.58 | 8.8 | 58CV(A,X)090–16 |
| | | | | | | | | | | | | | | | | | |
| | CAP**4821A** | 44500 | 33400 | 15.5 | 11.5 | 1400 | 1120 | 48000 | 34400 | 3.62 | 3.88 | 26800 | 20200 | 2.7 | 2.56 | 8.7 | 58CV(A,X)090–16 |
| | CAP**4821A** | 44500 | 33400 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.58 | 3.88 | 27200 | 20200 | 2.68 | 2.56 | 8.7 | 58CV(A,X)110–20 |
| | CAP**4821A** | 44500 | 33200 | 15 | 11.4 | 1400 | 1120 | 48000 | 34400 | 3.56 | 3.82 | 27200 | 20400 | 2.66 | 2.54 | 8.6 | 58MVB080–20 |
| | CAP**4821A** | 44500 | 33200 | 15.5 | 11.5 | 1400 | 1120 | 48000 | 34400 | 3.56 | 3.86 | 27200 | 20400 | 2.66 | 2.54 | 8.7 | 58MVB100–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**4824A** | 45000 | 33400 | 15.5 | 11.9 | 1400 | 1120 | 48000 | 34200 | 3.64 | 3.92 | 27000 | 20200 | 2.72 | 2.58 | 8.8 | 58CV(A,X)135–22 |
| | CAP**4824A** | 45000 | 33400 | 16 | 12 | 1400 | 1120 | 48000 | 34200 | 3.66 | 3.92 | 26800 | 20200 | 2.74 | 2.6 | 8.8 | 58CV(A,X)155–22 |
| | CAP**4824A** | 44500 | 33400 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.58 | 3.88 | 27200 | 20200 | 2.68 | 2.56 | 8.7 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**6021A** | 45500 | 34000 | 16 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.66 | 3.94 | 26800 | 20400 | 2.76 | 2.6 | 8.9 | 58CV(A,X)090–16 |
| | CAP**6021A** | 46000 | 34000 | 16 | 12 | 1400 | 1120 | 48000 | 34400 | 3.64 | 3.96 | 27200 | 20200 | 2.74 | 2.6 | 8.9 | 58CV(A,X)110–20 |
| | CAP**6021A** | 46000 | 34000 | 15.5 | 11.8 | 1400 | 1120 | 48000 | 34600 | 3.58 | 3.9 | 27400 | 20400 | 2.7 | 2.56 | 8.8 | 58MVB080–20 |
| | CAP**6021A** | 46000 | 34000 | 15.5 | 11.9 | 1400 | 1120 | 49000 | 34400 | 3.6 | 3.94 | 27200 | 20400 | 2.7 | 2.6 | 8.8 | 58MVB100–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**6024A** | 46000 | 34200 | 16 | 12.1 | 1400 | 1120 | 48000 | 34400 | 3.64 | 3.98 | 27000 | 20200 | 2.74 | 2.62 | 8.9 | 58CV(A,X)135–22 |
| | CAP**6024A** | 46000 | 34200 | 16 | 12.2 | 1400 | 1120 | 48000 | 34400 | 3.66 | 3.98 | 27000 | 20200 | 2.76 | 2.62 | 8.9 | 58CV(A,X)155–22 |
| | CAP**6024A** | 46000 | 34000 | 15.5 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.6 | 3.94 | 27200 | 20400 | 2.7 | 2.58 | 8.8 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPH*4821A** | 45000 | 33400 | 15.5 | 11.7 | 1400 | 1120 | 48000 | 34400 | 3.56 | 3.88 | 27000 | 20200 | 2.68 | 2.56 | 8.7 | 58CV(A,X)090–16 |
| | CNPH*4821A** | 45000 | 33400 | 15.5 | 11.7 | 1400 | 1120 | 48000 | 34400 | 3.58 | 3.88 | 27000 | 20200 | 2.68 | 2.56 | 8.7 | 58CV(A,X)110–20 |
| | CNPH*4821A** | 45000 | 33600 | 16 | 11.9 | 1400 | 1120 | 48000 | 34200 | 3.6 | 3.92 | 27000 | 20200 | 2.72 | 2.6 | 8.8 | 58CV(A,X)135–22 |
| | CNPH*4821A** | 45000 | 33600 | 16 | 12 | 1400 | 1120 | 48000 | 34200 | 3.62 | 3.94 | 26800 | 20200 | 2.74 | 2.6 | 8.8 | 58CV(A,X)155–22 |
| | CNPH*4821A** | 44500 | 33200 | 15 | 11.5 | 1400 | 1120 | 48000 | 34400 | 3.54 | 3.84 | 27200 | 20400 | 2.66 | 2.54 | 8.6 | 58MVB080–20 |
| | CNPH*4821A** | 44500 | 33400 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.56 | 3.86 | 27200 | 20400 | 2.66 | 2.56 | 8.7 | 58MVB100–20 |
| | CNPH*4821A** | 45000 | 33400 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.56 | 3.88 | 27200 | 20200 | 2.68 | 2.56 | 8.7 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPH*6024A** | 45500 | 34000 | 16 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.62 | 3.94 | 27200 | 20400 | 2.72 | 2.6 | 8.8 | 58CV(A,X)090–16 |
| | CNPH*6024A** | 46000 | 34000 | 16 | 12 | 1400 | 1120 | 48000 | 34400 | 3.64 | 3.94 | 27200 | 20200 | 2.72 | 2.6 | 8.8 | 58CV(A,X)110–20 |
| | CNPH*6024A** | 46000 | 34000 | 16 | 12.1 | 1400 | 1120 | 48000 | 34200 | 3.66 | 3.98 | 27000 | 20200 | 2.74 | 2.62 | 8.9 | 58CV(A,X)135–22 |
| | CNPH*6024A** | 46000 | 34000 | 16 | 12.2 | 1400 | 1120 | 48000 | 34200 | 3.68 | 3.98 | 27000 | 20200 | 2.76 | 2.62 | 8.9 | 58CV(A,X)155–22 |
| | CNPH*6024A** | 45500 | 33800 | 15.5 | 11.7 | 1400 | 1120 | 48000 | 34600 | 3.58 | 3.88 | 27200 | 20400 | 2.68 | 2.56 | 8.7 | 58MVB080–20 |
| | CNPH*6024A** | 45500 | 34000 | 15.5 | 11.8 | 1400 | 1120 | 48000 | 34400 | 3.6 | 3.92 | 27200 | 20400 | 2.7 | 2.58 | 8.8 | 58MVB100–20 |
| | CNPH*6024A** | 45500 | 34000 | 16 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.62 | 3.94 | 27200 | 20400 | 2.7 | 2.6 | 8.8 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*4821A** | 44500 | 33400 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.6 | 3.88 | 26800 | 20200 | 2.72 | 2.56 | 8.7 | 58CV(A,X)090–16 |
| | CNPV*4821A** | 45000 | 33400 | 15.5 | 11.7 | 1400 | 1120 | 48000 | 34400 | 3.58 | 3.88 | 27000 | 20200 | 2.68 | 2.56 | 8.7 | 58CV(A,X)110–20 |
| | CNPV*4821A** | 44500 | 33200 | 15 | 11.5 | 1400 | 1120 | 48000 | 34400 | 3.54 | 3.84 | 27200 | 20400 | 2.66 | 2.54 | 8.6 | 58MVB080–20 |
| | CNPV*4821A** | 44500 | 33400 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.56 | 3.86 | 27200 | 20400 | 2.66 | 2.56 | 8.7 | 58MVB100–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*4824A** | 45000 | 33600 | 16 | 11.9 | 1400 | 1120 | 48000 | 34200 | 3.6 | 3.92 | 27000 | 20200 | 2.72 | 2.6 | 8.8 | 58CV(A,X)135–22 |
| | CNPV*4824A** | 45000 | 33600 | 16 | 12 | 1400 | 1120 | 48000 | 34200 | 3.62 | 3.94 | 26800 | 20200 | 2.74 | 2.6 | 8.8 | 58CV(A,X)155–22 |
| | CNPV*4824A** | 45000 | 33400 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.56 | 3.88 | 27200 | 20200 | 2.68 | 2.56 | 8.7 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*6024A** | 46000 | 34000 | 16 | 12.1 | 1400 | 1120 | 48000 | 34200 | 3.66 | 3.98 | 27000 | 20200 | 2.74 | 2.62 | 8.9 | 58CV(A,X)135–22 |
| | CNPV*6024A** | 46000 | 34000 | 16 | 12.2 | 1400 | 1120 | 48000 | 34200 | 3.68 | 3.98 | 27000 | 20200 | 2.76 | 2.62 | 8.9 | 58CV(A,X)155–22 |
| | CNPV*6024A** | 45500 | 34000 | 16 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.62 | 3.94 | 27200 | 20400 | 2.7 | 2.6 | 8.8 | 58MVB120–20 |

See notes on pg. 13

# COMBINATION RATINGS CONTINUED

| UNIT SIZE – VOLTAGE & SERIES | INDOOR MODEL | COOLING CAPACITY | | ARI STANDARD RATINGS† | | | | | | | | | | | | | FURNACE MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | COOLING | | | | HEATING | | | | | | | | | |
| | | | | | | | | HIGH TEMP | | | | LOW TEMP | | | | | |
| | | | | | | | | CAPACITY | | COP | | CAPACITY | | COP | | HSPF | |
| | | HIGH | LOW | SEER | EER | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | HIGH | LOW | | |
| 48–30 | | | | | | | | | | | | | | | | | |
| | CSPH*4812A** | 45000 | 33600 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.6 | 3.9 | 27200 | 20400 | 2.68 | 2.58 | 8.7 | 58CV(A,X)090–16 |
| | CSPH*4812A** | 45000 | 33600 | 15.5 | 11.7 | 1400 | 1120 | 48000 | 34400 | 3.6 | 3.9 | 27200 | 20400 | 2.7 | 2.56 | 8.7 | 58CV(A,X)110–20 |
| | CSPH*4812A** | 45500 | 33800 | 15.5 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.64 | 3.94 | 27000 | 20200 | 2.72 | 2.6 | 8.8 | 58CV(A,X)135–22 |
| | CSPH*4812A** | 45500 | 33800 | 16 | 12 | 1400 | 1120 | 48000 | 34400 | 3.66 | 3.94 | 27000 | 20200 | 2.74 | 2.6 | 8.8 | 58CV(A,X)155–22 |
| | CSPH*4812A** | 45000 | 33600 | 15 | 11.5 | 1400 | 1120 | 48000 | 34600 | 3.56 | 3.86 | 27400 | 20600 | 2.66 | 2.54 | 8.7 | 58MVB080–20 |
| | CSPH*4812A** | 45000 | 33600 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34600 | 3.58 | 3.88 | 27400 | 20400 | 2.68 | 2.56 | 8.7 | 58MVB100–20 |
| | CSPH*4812A** | 45000 | 33600 | 15.5 | 11.6 | 1400 | 1120 | 48000 | 34400 | 3.6 | 3.9 | 27200 | 20400 | 2.68 | 2.56 | 8.7 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CSPH*6012A** | 46000 | 34000 | 16 | 12 | 1400 | 1120 | 48000 | 34400 | 3.66 | 3.96 | 27200 | 20400 | 2.72 | 2.6 | 9 | 58CV(A,X)090–16 |
| | CSPH*6012A** | 46000 | 34200 | 16 | 12 | 1400 | 1120 | 48000 | 34400 | 3.68 | 3.96 | 27200 | 20400 | 2.74 | 2.6 | 9 | 58CV(A,X)110–20 |
| | CSPH*6012A** | 46000 | 34200 | 16 | 12.2 | 1400 | 1120 | 48000 | 34400 | 3.72 | 4 | 27000 | 20200 | 2.76 | 2.62 | 8.9 | 58CV(A,X)135–22 |
| | CSPH*6012A** | 46500 | 34200 | 16 | 12.3 | 1400 | 1120 | 48000 | 34400 | 3.74 | 4 | 27000 | 20200 | 2.78 | 2.64 | 9.1 | 58CV(A,X)155–22 |
| | CSPH*6012A** | 46000 | 34000 | 15.5 | 11.8 | 1400 | 1120 | 48000 | 34600 | 3.64 | 3.9 | 27400 | 20400 | 2.7 | 2.58 | 8.8 | 58MVB080–20 |
| | CSPH*6012A** | 46000 | 34000 | 16 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.66 | 3.94 | 27200 | 20400 | 2.72 | 2.6 | 9 | 58MVB100–20 |
| | CSPH*6012A** | 46000 | 34000 | 16 | 11.9 | 1400 | 1120 | 48000 | 34400 | 3.66 | 3.96 | 27200 | 20400 | 2.72 | 2.6 | 9 | 58MVB120–20 |
| 60–30 | *FE4ANB006 | 57500 | 42000 | 15.5 | 11.6 | 1750 | 1400 | 59000 | 43000 | 3.6 | 3.86 | 36400 | 25800 | 2.74 | 2.52 | 9.1 | |
| | | | | | | | | | | | | | | | | | |
| | CAP**6021A** | 56500 | 41400 | 14.5 | 11 | 1750 | 1400 | 59500 | 43000 | 3.44 | 3.72 | 37000 | 26000 | 2.64 | 2.46 | 8.8 | 58CV(A,X)110–20 |
| | CAP**6021A** | 56000 | 41000 | 14 | 10.5 | 1750 | 1400 | 60000 | 43000 | 3.36 | 3.66 | 37600 | 26200 | 2.56 | 2.42 | 8.7 | 58MVB080–20 |
| | CAP**6021A** | 56000 | 41000 | 14.4 | 10.7 | 1750 | 1400 | 60000 | 43000 | 3.38 | 3.68 | 37400 | 26200 | 2.6 | 2.42 | 8.7 | 58MVB100–20 |
| | | | | | | | | | | | | | | | | | |
| | CAP**6024A** | 56500 | 41400 | 14.5 | 11.2 | 1750 | 1400 | 59500 | 43000 | 3.46 | 3.74 | 36800 | 26000 | 2.66 | 2.46 | 8.9 | 58CV(A,X)135–22 |
| | CAP**6024A** | 56500 | 41400 | 15 | 11.3 | 1750 | 1400 | 59000 | 43000 | 3.48 | 3.76 | 36600 | 25800 | 2.68 | 2.48 | 8.9 | 58CV(A,X)155–22 |
| | CAP**6024A** | 56000 | 41000 | 14.4 | 10.8 | 1750 | 1400 | 60000 | 43000 | 3.4 | 3.68 | 37200 | 26200 | 2.6 | 2.42 | 8.7 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPH*6024A** | 56000 | 41000 | 14.5 | 11 | 1750 | 1400 | 60000 | 43000 | 3.44 | 3.7 | 36800 | 26000 | 2.62 | 2.44 | 8.8 | 58CV(A,X)110–20 |
| | CNPH*6024A** | 56500 | 41400 | 14.5 | 11.2 | 1750 | 1400 | 60000 | 43000 | 3.48 | 3.72 | 36600 | 26000 | 2.66 | 2.46 | 8.8 | 58CV(A,X)135–22 |
| | CNPH*6024A** | 56500 | 41400 | 15 | 11.3 | 1750 | 1400 | 60000 | 43000 | 3.5 | 3.74 | 36600 | 25800 | 2.68 | 2.48 | 8.9 | 58CV(A,X)155–22 |
| | CNPH*6024A** | 55500 | 41000 | 14 | 10.5 | 1750 | 1400 | 61000 | 43000 | 3.36 | 3.64 | 37400 | 26200 | 2.56 | 2.4 | 8.6 | 58MVB080–20 |
| | CNPH*6024A** | 56000 | 41000 | 14.4 | 10.7 | 1750 | 1400 | 60000 | 43000 | 3.38 | 3.66 | 37200 | 26200 | 2.58 | 2.42 | 8.7 | 58MVB100–20 |
| | CNPH*6024A** | 56000 | 41000 | 14.5 | 10.8 | 1750 | 1400 | 60000 | 43000 | 3.42 | 3.66 | 37000 | 26200 | 2.6 | 2.42 | 8.7 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CNPV*6024A** | 56500 | 41400 | 14.5 | 11.2 | 1750 | 1400 | 60000 | 43000 | 3.48 | 3.72 | 36600 | 26000 | 2.66 | 2.46 | 8.8 | 58CV(A,X)135–22 |
| | CNPV*6024A** | 56500 | 41400 | 15 | 11.3 | 1750 | 1400 | 60000 | 43000 | 3.5 | 3.74 | 36600 | 25800 | 2.68 | 2.48 | 8.9 | 58CV(A,X)155–22 |
| | CNPV*6024A** | 56000 | 41000 | 14.5 | 10.8 | 1750 | 1400 | 60000 | 43000 | 3.42 | 3.66 | 37000 | 26200 | 2.6 | 2.42 | 8.7 | 58MVB120–20 |
| | | | | | | | | | | | | | | | | | |
| | CSPH*6012A** | 56500 | 41400 | 14.5 | 11.1 | 1750 | 1400 | 60000 | 43000 | 3.5 | 3.74 | 37000 | 26000 | 2.66 | 2.46 | 8.9 | 58CV(A,X)110–20 |
| | CSPH*6012A** | 57000 | 41400 | 15 | 11.3 | 1750 | 1400 | 60000 | 43000 | 3.54 | 3.78 | 36800 | 26000 | 2.7 | 2.48 | 8.9 | 58CV(A,X)135–22 |
| | CSPH*6012A** | 57000 | 41400 | 15 | 11.4 | 1750 | 1400 | 60000 | 43000 | 3.56 | 3.8 | 36600 | 25800 | 2.7 | 2.5 | 9 | 58CV(A,X)155–22 |
| | CSPH*6012A** | 56000 | 41400 | 14 | 10.6 | 1750 | 1400 | 60000 | 43500 | 3.42 | 3.68 | 37600 | 26400 | 2.58 | 2.42 | 8.7 | 58MVB080–20 |
| | CSPH*6012A** | 56500 | 41400 | 14.4 | 10.8 | 1750 | 1400 | 60000 | 43000 | 3.46 | 3.7 | 37400 | 26200 | 2.62 | 2.44 | 8.8 | 58MVB100–20 |
| | CSPH*6012A** | 56500 | 41400 | 14.5 | 10.9 | 1750 | 1400 | 60000 | 43000 | 3.48 | 3.72 | 37200 | 26200 | 2.64 | 2.44 | 8.8 | 58MVB120–20 |

* Tested Combination

† Ratings are net values reflecting the effects of circulating fan heat. Supplemental electric heat is not included. Ratings are based on:
**Cooling Standard:** 80°F (27°C) db 67°F (19°C) wb indoor entering air temperature and 95°F (35°C) db air entering outdoor unit.
**High–Temp Heating Standard:** 70°F (21°C) db indoor entering air temperature and 47°F (8°C) db 43°F (6°C) wb air entering outdoor unit.
**Low–Temp Heating Standard:** 70°F (21°C) db indoor entering air temperature and 17°F (±9°C) db 15°F (±10°C) wb air entering outdoor unit.

‡ Qualifies for tax credit requirement (15 SEER/13 EER/9 HSPF)

**SEER** — Seasonal Energy Efficiency Ratio

**COP** — Coefficient of Performance

**TDR** — Time–Delay Relay

**HSPF** — Heating Seasonal Performance Factor

**EER** — Energy Efficiency Ratio

# DETAILED COOLING CAPACITIES

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| 25HNA924A30 Outdoor Section With FE5ANB004 Indoor Section – Low Stage | | | | | | | | | | | | | | | | | | | |
| 600 | 72 | 23.46 | 12.45 | 0.94 | 22.23 | 11.97 | 1.13 | 20.93 | 11.48 | 1.36 | 19.55 | 10.96 | 1.63 | 18.08 | 10.41 | 1.96 | 16.50 | 9.83 | 2.36 |
| | 67 | 20.99 | 15.30 | 0.92 | 19.85 | 14.80 | 1.11 | 18.65 | 14.29 | 1.34 | 17.38 | 13.75 | 1.61 | 16.02 | 13.19 | 1.94 | 14.57 | 12.59 | 2.34 |
| | ††63 | 19.25 | 14.66 | 0.90 | 18.18 | 14.17 | 1.10 | 17.05 | 13.65 | 1.32 | 15.86 | 13.11 | 1.60 | 14.59 | 12.56 | 1.92 | 13.22 | 11.96 | 2.32 |
| | 62 | 18.77 | 18.15 | 0.90 | 17.73 | 17.63 | 1.09 | 16.82 | 16.82 | 1.32 | 15.89 | 15.89 | 1.60 | 14.89 | 14.89 | 1.93 | 13.79 | 13.79 | 2.33 |
| | 57 | 18.51 | 18.51 | 0.90 | 17.69 | 17.69 | 1.09 | 16.82 | 16.82 | 1.32 | 15.88 | 15.88 | 1.60 | 14.89 | 14.89 | 1.93 | 13.79 | 13.79 | 2.33 |
| 665 | 72 | 23.94 | 13.01 | 0.95 | 22.66 | 12.52 | 1.14 | 21.32 | 12.02 | 1.37 | 19.89 | 11.49 | 1.64 | 18.37 | 10.93 | 1.97 | 16.73 | 10.34 | 2.37 |
| | 67 | 21.43 | 16.18 | 0.93 | 20.25 | 15.66 | 1.12 | 19.00 | 15.14 | 1.35 | 17.68 | 14.59 | 1.62 | 16.29 | 14.01 | 1.95 | 14.79 | 13.40 | 2.35 |
| | ††63 | 19.65 | 15.49 | 0.91 | 18.54 | 14.97 | 1.11 | 17.38 | 14.45 | 1.33 | 16.14 | 13.90 | 1.61 | 14.84 | 13.32 | 1.94 | 13.42 | 12.71 | 2.33 |
| | 62 | 19.24 | 19.24 | 0.91 | 18.37 | 18.37 | 1.11 | 17.45 | 17.45 | 1.34 | 16.48 | 16.48 | 1.61 | 15.42 | 15.42 | 1.94 | 14.27 | 14.27 | 2.34 |
| | 57 | 19.24 | 19.24 | 0.91 | 18.37 | 18.37 | 1.11 | 17.45 | 17.45 | 1.34 | 16.47 | 16.47 | 1.61 | 15.42 | 15.42 | 1.94 | 14.27 | 14.27 | 2.34 |
| 700 | 72 | 24.16 | 13.30 | 0.95 | 22.86 | 12.81 | 1.14 | 21.50 | 12.30 | 1.37 | 20.05 | 11.77 | 1.65 | 18.51 | 11.21 | 1.98 | 16.85 | 10.61 | 2.37 |
| | 67 | 21.63 | 16.63 | 0.93 | 20.43 | 16.12 | 1.13 | 19.16 | 15.59 | 1.35 | 17.83 | 15.03 | 1.63 | 16.41 | 14.45 | 1.96 | 14.88 | 13.83 | 2.35 |
| | ††63 | 19.84 | 15.91 | 0.92 | 18.71 | 15.40 | 1.11 | 17.53 | 14.87 | 1.34 | 16.28 | 14.31 | 1.61 | 14.95 | 13.73 | 1.94 | 13.52 | 13.11 | 2.34 |
| | 62 | 19.60 | 19.60 | 0.92 | 18.71 | 18.71 | 1.11 | 17.77 | 17.77 | 1.34 | 16.76 | 16.76 | 1.62 | 15.68 | 15.68 | 1.95 | 14.51 | 14.51 | 2.35 |
| | 57 | 19.60 | 19.60 | 0.92 | 18.71 | 18.71 | 1.11 | 17.77 | 17.77 | 1.34 | 16.76 | 16.76 | 1.62 | 15.68 | 15.68 | 1.95 | 14.50 | 14.50 | 2.35 |

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| 25HNA924A30 Outdoor Section With FE5ANB004 Indoor Section – High Stage | | | | | | | | | | | | | | | | | | | |
| 700 | 72 | 30.67 | 15.94 | 1.40 | 29.68 | 15.62 | 1.63 | 28.56 | 15.26 | 1.88 | 27.30 | 14.86 | 2.17 | 25.85 | 14.39 | 2.50 | 24.23 | 13.87 | 2.88 |
| | 67 | 27.79 | 19.52 | 1.38 | 26.86 | 19.25 | 1.60 | 25.82 | 18.93 | 1.85 | 24.65 | 18.57 | 2.14 | 23.33 | 18.16 | 2.46 | 21.80 | 17.67 | 2.84 |
| | ††63 | 25.74 | 18.85 | 1.36 | 24.87 | 18.56 | 1.58 | 23.89 | 18.24 | 1.83 | 22.79 | 17.86 | 2.11 | 21.54 | 17.43 | 2.44 | 20.10 | 16.92 | 2.82 |
| | 62 | 25.18 | 23.12 | 1.36 | 24.32 | 22.89 | 1.58 | 23.36 | 22.62 | 1.83 | 22.31 | 22.27 | 2.11 | 21.37 | 21.37 | 2.44 | 20.29 | 20.29 | 2.82 |
| | 57 | 24.36 | 24.36 | 1.35 | 23.76 | 23.76 | 1.57 | 23.08 | 23.08 | 1.82 | 22.29 | 22.29 | 2.11 | 21.37 | 21.37 | 2.44 | 20.29 | 20.29 | 2.82 |
| 750 | 72 | 31.07 | 16.37 | 1.41 | 30.05 | 16.06 | 1.64 | 28.90 | 15.70 | 1.89 | 27.60 | 15.29 | 2.18 | 26.14 | 14.84 | 2.51 | 24.46 | 14.31 | 2.89 |
| | 67 | 28.16 | 20.21 | 1.39 | 27.20 | 19.94 | 1.61 | 26.13 | 19.63 | 1.86 | 24.93 | 19.27 | 2.15 | 23.57 | 18.85 | 2.48 | 22.00 | 18.37 | 2.85 |
| | ††63 | 26.09 | 19.50 | 1.37 | 25.19 | 19.21 | 1.59 | 24.18 | 18.89 | 1.84 | 23.05 | 18.51 | 2.13 | 21.77 | 18.08 | 2.45 | 20.29 | 17.58 | 2.83 |
| | 62 | 25.52 | 24.05 | 1.37 | 24.64 | 23.83 | 1.59 | 23.67 | 23.55 | 1.84 | 22.80 | 22.80 | 2.12 | 21.85 | 21.85 | 2.45 | 20.72 | 20.72 | 2.84 |
| | 57 | 24.95 | 24.95 | 1.36 | 24.33 | 24.33 | 1.58 | 23.62 | 23.62 | 1.84 | 22.80 | 22.80 | 2.12 | 21.85 | 21.85 | 2.45 | 20.72 | 20.72 | 2.84 |
| 800 | 72 | 31.42 | 16.80 | 1.42 | 30.37 | 16.48 | 1.65 | 29.19 | 16.13 | 1.90 | 27.87 | 15.73 | 2.19 | 26.37 | 15.27 | 2.52 | 24.66 | 14.74 | 2.90 |
| | 67 | 28.49 | 20.88 | 1.40 | 27.50 | 20.61 | 1.62 | 26.40 | 20.31 | 1.87 | 25.17 | 19.95 | 2.16 | 23.78 | 19.54 | 2.49 | 22.19 | 19.06 | 2.87 |
| | ††63 | 26.40 | 20.13 | 1.38 | 25.47 | 19.85 | 1.60 | 24.43 | 19.53 | 1.85 | 23.27 | 19.16 | 2.14 | 21.97 | 18.73 | 2.46 | 20.47 | 18.23 | 2.84 |
| | 62 | 25.83 | 24.97 | 1.38 | 24.94 | 24.74 | 1.60 | 24.12 | 24.12 | 1.85 | 23.27 | 23.27 | 2.14 | 22.28 | 22.28 | 2.47 | 21.12 | 21.12 | 2.85 |
| | 57 | 25.51 | 25.51 | 1.37 | 24.86 | 24.86 | 1.60 | 24.12 | 24.12 | 1.85 | 23.27 | 23.27 | 2.14 | 22.28 | 22.28 | 2.47 | 21.12 | 21.12 | 2.85 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

**25HNA924A30 Outdoor Section With FE5ANB004 Indoor Section**

| COOLING INDOOR MODEL | HIGH SPEED CAPACITY | POWER | LOW SPEED CAPAC-ITY | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| *FE5ANB004 | 1.00 | 1.00 | 1.00 | 1.00 | |
| FE4ANF002 | 0.96 | 1.03 | 0.97 | 1.02 | |
| FE4ANF003 | 0.97 | 1.01 | 0.97 | 1.01 | |
| CAP**4817A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)090–16 |
| CAP**4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)090–16 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)090–16 |
| CNPH*4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)090–16 |
| CNPH*6024A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)090–16 |
| CNPV*4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)090–16 |
| CSPH*4812A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)090–16 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)090–16 |
| CAP**4817A** | 0.98 | 1.05 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CAP**4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CAP**4824A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)110–20 |
| CAP**6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)110–20 |
| CNPH*4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CNPH*6024A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)110–20 |
| CNPV*4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CNPV*4824A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CNPV*6024A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)110–20 |
| CSPH*4812A** | 0.98 | 1.05 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)110–20 |
| CAP**4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)135–22 |
| CAP**4824A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)135–22 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CAP**6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)135–22 |
| CNPH*4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)135–22 |
| CNPH*6024A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CNPV*4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)135–22 |
| CNPV*4824A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)135–22 |
| CNPV*6024A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CSPH*4812A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)135–22 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)135–22 |
| CAP**4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CAP**4824A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CAP**6024A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CNPH*4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CNPH*6024A** | 0.99 | 1.03 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CNPV*4821A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CNPV*4824A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CNPV*6024A** | 0.99 | 1.03 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CSPH*4812A** | 0.98 | 1.04 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)155–22 |
| CAP**4817A** | 0.98 | 1.06 | 0.98 | 1.03 | 58MVB080–20 |
| CAP**4821A** | 0.98 | 1.05 | 0.98 | 1.03 | 58MVB080–20 |
| CAP**4824A** | 0.98 | 1.05 | 0.98 | 1.03 | 58MVB080–20 |
| CAP**6021A** | 0.99 | 1.05 | 0.99 | 1.03 | 58MVB080–20 |
| CAP**6024A** | 0.98 | 1.05 | 0.99 | 1.03 | 58MVB080–20 |
| CNPH*4821A** | 0.98 | 1.05 | 0.98 | 1.03 | 58MVB080–20 |
| CNPH*6024A** | 0.98 | 1.04 | 0.99 | 1.03 | 58MVB080–20 |
| CNPV*4821A** | 0.98 | 1.05 | 0.98 | 1.03 | 58MVB080–20 |
| CNPV*4824A** | 0.98 | 1.05 | 0.98 | 1.03 | 58MVB080–20 |
| CNPV*6024A** | 0.98 | 1.04 | 0.99 | 1.03 | 58MVB080–20 |
| CSPH*4812A** | 0.98 | 1.06 | 0.98 | 1.03 | 58MVB080–20 |
| CSPH*6012A** | 0.99 | 1.06 | 0.99 | 1.03 | 58MVB080–20 |
| CAP**4817A** | 0.98 | 1.05 | 0.98 | 1.03 | 58MVB100–20 |
| CAP**4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB100–20 |
| CAP**4824A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB100–20 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB100–20 |
| CAP**6024A** | 0.99 | 1.05 | 0.99 | 1.03 | 58MVB100–20 |
| CNPH*4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB100–20 |
| CNPH*6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB100–20 |
| CNPV*4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB100–20 |
| CNPV*4824A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB100–20 |
| CNPV*6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB100–20 |
| CSPH*4812A** | 0.98 | 1.05 | 0.98 | 1.03 | 58MVB100–20 |
| CSPH*6012A** | 0.99 | 1.05 | 0.99 | 1.04 | 58MVB100–20 |
| CAP**4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB120–20 |
| CAP**4824A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB120–20 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |
| CAP**6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |
| CNPH*4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB120–20 |
| CNPH*6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |
| CNPV*4821A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB120–20 |
| CNPV*4824A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB120–20 |
| CNPV*6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |
| CSPH*4812A** | 0.98 | 1.04 | 0.98 | 1.03 | 58MVB120–20 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| 25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section – Low Stage | | | | | | | | | | | | | | | | | | | |
| 750 | 72 | 31.18 | 16.48 | 1.32 | 29.52 | 15.90 | 1.51 | 27.81 | 15.31 | 1.74 | 26.03 | 14.69 | 2.00 | 24.15 | 14.05 | 2.30 | 22.15 | 13.37 | 2.66 |
| | 67 | 28.07 | 20.16 | 1.32 | 26.53 | 19.59 | 1.52 | 24.95 | 19.00 | 1.75 | 23.30 | 18.40 | 2.02 | 21.57 | 17.76 | 2.33 | 19.73 | 17.08 | 2.69 |
| | ††63 | 25.83 | 19.38 | 1.33 | 24.39 | 18.80 | 1.53 | 22.91 | 18.21 | 1.77 | 21.36 | 17.59 | 2.04 | 19.73 | 16.95 | 2.35 | 18.00 | 16.26 | 2.72 |
| | 62 | 25.23 | 23.84 | 1.33 | 23.82 | 23.27 | 1.54 | 22.39 | 22.26 | 1.77 | 21.15 | 21.15 | 2.04 | 19.89 | 19.89 | 2.35 | 18.53 | 18.53 | 2.71 |
| | 57 | 24.53 | 24.53 | 1.33 | 23.46 | 23.46 | 1.54 | 22.33 | 22.33 | 1.77 | 21.15 | 21.15 | 2.04 | 19.89 | 19.89 | 2.35 | 18.53 | 18.53 | 2.71 |
| 925 | 72 | 32.35 | 17.93 | 1.34 | 30.58 | 17.34 | 1.54 | 28.74 | 16.73 | 1.77 | 26.83 | 16.10 | 2.02 | 24.83 | 15.45 | 2.33 | 22.72 | 14.75 | 2.68 |
| | 67 | 29.16 | 22.46 | 1.35 | 27.50 | 21.88 | 1.55 | 25.80 | 21.28 | 1.78 | 24.04 | 20.66 | 2.04 | 22.20 | 20.01 | 2.35 | 20.26 | 19.31 | 2.72 |
| | ††63 | 26.86 | 21.55 | 1.35 | 25.31 | 20.96 | 1.56 | 23.71 | 20.35 | 1.79 | 22.06 | 19.72 | 2.06 | 20.33 | 19.05 | 2.37 | 18.51 | 18.34 | 2.74 |
| | 62 | 26.43 | 26.43 | 1.35 | 25.22 | 25.22 | 1.56 | 23.97 | 23.97 | 1.79 | 22.65 | 22.65 | 2.05 | 21.26 | 21.26 | 2.36 | 19.75 | 19.75 | 2.72 |
| | 57 | 26.43 | 26.43 | 1.35 | 25.22 | 25.22 | 1.56 | 23.97 | 23.97 | 1.79 | 22.65 | 22.65 | 2.05 | 21.26 | 21.26 | 2.36 | 19.75 | 19.75 | 2.72 |
| 1050 | 72 | 32.93 | 18.88 | 1.37 | 31.09 | 18.29 | 1.57 | 29.18 | 17.68 | 1.79 | 27.21 | 17.04 | 2.05 | 25.15 | 16.38 | 2.35 | 22.97 | 15.68 | 2.71 |
| | 67 | 29.69 | 24.01 | 1.38 | 27.97 | 23.43 | 1.58 | 26.21 | 22.82 | 1.81 | 24.39 | 22.19 | 2.07 | 22.51 | 21.53 | 2.38 | 20.53 | 20.79 | 2.74 |
| | ††63 | 27.37 | 23.00 | 1.38 | 25.76 | 22.41 | 1.59 | 24.10 | 21.79 | 1.82 | 22.40 | 21.15 | 2.09 | 20.63 | 20.46 | 2.40 | 18.88 | 18.88 | 2.77 |
| | 62 | 27.50 | 27.50 | 1.38 | 26.22 | 26.22 | 1.58 | 24.89 | 24.89 | 1.81 | 23.49 | 23.49 | 2.08 | 22.01 | 22.01 | 2.38 | 20.42 | 20.42 | 2.74 |
| | 57 | 27.50 | 27.50 | 1.38 | 26.22 | 26.22 | 1.58 | 24.89 | 24.89 | 1.81 | 23.49 | 23.49 | 2.08 | 22.01 | 22.01 | 2.38 | 20.42 | 20.42 | 2.74 |

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| 25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section – High Stage | | | | | | | | | | | | | | | | | | | |
| 900 | 72 | 41.66 | 21.63 | 2.14 | 39.88 | 20.73 | 2.36 | 37.99 | 19.82 | 2.60 | 35.97 | 18.89 | 2.87 | 34.86 | 18.32 | 2.78 | 32.45 | 17.29 | 3.12 |
| | 67 | 37.75 | 26.08 | 2.10 | 36.09 | 25.14 | 2.32 | 34.34 | 24.20 | 2.56 | 32.47 | 23.23 | 2.82 | 30.46 | 22.22 | 3.12 | 28.28 | 21.17 | 3.44 |
| | ††63 | 34.92 | 25.20 | 2.07 | 33.36 | 24.27 | 2.29 | 31.70 | 23.32 | 2.53 | 29.95 | 22.35 | 2.79 | 28.06 | 21.34 | 3.08 | 26.01 | 20.29 | 3.40 |
| | 62 | 34.17 | 30.54 | 2.06 | 32.63 | 29.57 | 2.28 | 31.00 | 28.58 | 2.52 | 29.28 | 27.56 | 2.78 | 27.45 | 26.51 | 3.07 | 25.59 | 25.59 | 3.40 |
| | 57 | 32.29 | 32.29 | 2.04 | 31.14 | 31.14 | 2.27 | 29.91 | 29.91 | 2.51 | 28.59 | 28.59 | 2.77 | 27.16 | 27.16 | 3.07 | 25.59 | 25.59 | 3.40 |
| 1050 | 72 | 42.95 | 22.86 | 2.18 | 41.07 | 21.95 | 2.41 | 39.05 | 21.01 | 2.65 | 36.91 | 20.06 | 2.91 | 35.78 | 19.49 | 2.83 | 32.13 | 18.03 | 3.53 |
| | 67 | 38.93 | 28.05 | 2.14 | 37.17 | 27.08 | 2.36 | 35.31 | 26.10 | 2.60 | 33.33 | 25.10 | 2.87 | 31.21 | 24.07 | 3.16 | 29.79 | 23.34 | 3.11 |
| | ††63 | 36.04 | 27.06 | 2.11 | 34.37 | 26.10 | 2.33 | 32.62 | 25.12 | 2.57 | 30.77 | 24.11 | 2.83 | 28.78 | 23.08 | 3.12 | 26.62 | 21.99 | 3.44 |
| | 62 | 35.28 | 33.23 | 2.10 | 33.65 | 32.21 | 2.33 | 31.94 | 31.17 | 2.56 | 30.17 | 30.06 | 2.83 | 28.58 | 28.58 | 3.12 | 26.88 | 26.88 | 3.45 |
| | 57 | 34.14 | 34.14 | 2.09 | 32.88 | 32.88 | 2.32 | 31.55 | 31.55 | 2.56 | 30.12 | 30.12 | 2.83 | 28.58 | 28.58 | 3.12 | 26.88 | 26.88 | 3.45 |
| 1200 | 72 | 43.88 | 24.00 | 2.24 | 41.91 | 23.07 | 2.46 | 39.80 | 22.11 | 2.70 | 38.89 | 21.62 | 2.58 | 35.19 | 20.12 | 3.26 | 33.71 | 19.46 | 3.21 |
| | 67 | 39.79 | 29.89 | 2.19 | 37.94 | 28.90 | 2.42 | 36.00 | 27.90 | 2.65 | 33.94 | 26.87 | 2.92 | 32.75 | 26.22 | 2.83 | 29.35 | 24.69 | 3.53 |
| | ††63 | 36.86 | 28.80 | 2.16 | 35.11 | 27.81 | 2.38 | 33.28 | 26.80 | 2.62 | 31.34 | 25.77 | 2.88 | 29.27 | 24.71 | 3.17 | 27.03 | 23.59 | 3.49 |
| | 62 | 36.13 | 35.74 | 2.16 | 34.46 | 34.64 | 2.38 | 32.89 | 32.89 | 2.62 | 31.37 | 31.37 | 2.88 | 29.72 | 29.72 | 3.18 | 27.91 | 27.91 | 3.51 |
| | 57 | 35.65 | 35.65 | 2.15 | 34.31 | 34.31 | 2.38 | 32.89 | 32.89 | 2.62 | 31.37 | 31.37 | 2.88 | 29.72 | 29.72 | 3.18 | 27.91 | 27.91 | 3.51 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

**25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section**

| COOLING INDOOR MODEL | HIGH SPEED CAPACITY | POWER | LOW SPEED CAPACITY | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| *FE4ANB006 | 1.00 | 1.00 | 1.00 | 1.00 | |
| FE4AN(B,F)003 | 0.97 | 1.04 | 0.96 | 1.02 | |
| FE4AN(B,F)005 | 1.01 | 1.03 | 0.99 | 1.01 | |
| FE4ANF002 | 0.96 | 1.08 | 0.95 | 1.05 | |
| FE5ANB004 | 1.02 | 1.02 | 1.00 | 1.00 | |
| CAP**3614A** | 0.95 | 1.10 | 0.95 | 1.08 | 58CV(A,X)070−12 |
| CAP**3617A** | 0.95 | 1.09 | 0.95 | 1.07 | 58CV(A,X)070−12 |
| CAP**4817A** | 0.99 | 1.09 | 0.98 | 1.06 | 58CV(A,X)070−12 |
| CNPH*3617A** | 0.95 | 1.09 | 0.95 | 1.08 | 58CV(A,X)070−12 |
| CNPH*4221A** | 0.97 | 1.07 | 0.96 | 1.04 | 58CV(A,X)070−12 |
| CNPH*4821A** | 0.98 | 1.08 | 0.98 | 1.06 | 58CV(A,X)070−12 |
| CNPV*3617A** | 0.95 | 1.10 | 0.95 | 1.08 | 58CV(A,X)070−12 |
| CSPH*3612A** | 0.98 | 1.08 | 0.97 | 1.07 | 58CV(A,X)070−12 |
| CSPH*4212A** | 0.99 | 1.09 | 0.98 | 1.07 | 58CV(A,X)070−12 |
| CSPH*4812A** | 0.99 | 1.09 | 0.98 | 1.06 | 58CV(A,X)070−12 |
| CAP**3617A** | 0.96 | 1.05 | 0.96 | 1.05 | 58CV(A,X)090−16 |
| CAP**4221A** | 0.97 | 1.05 | 0.97 | 1.04 | 58CV(A,X)090−16 |
| CAP**4817A** | 0.99 | 1.06 | 0.98 | 1.04 | 58CV(A,X)090−16 |
| CAP**4821A** | 0.99 | 1.05 | 0.98 | 1.03 | 58CV(A,X)090−16 |
| CNPH*3617A** | 0.96 | 1.06 | 0.95 | 1.05 | 58CV(A,X)090−16 |
| CNPH*4221A** | 0.98 | 1.04 | 0.97 | 1.02 | 58CV(A,X)090−16 |
| CNPH*4821A** | 0.99 | 1.05 | 0.98 | 1.03 | 58CV(A,X)090−16 |
| CNPV*3617A** | 0.96 | 1.06 | 0.95 | 1.05 | 58CV(A,X)090−16 |
| CNPV*4821A** | 0.99 | 1.05 | 0.98 | 1.03 | 58CV(A,X)090−16 |
| CSPH*3612A** | 0.99 | 1.06 | 0.98 | 1.04 | 58CV(A,X)090−16 |
| CSPH*4212A** | 0.99 | 1.06 | 0.98 | 1.04 | 58CV(A,X)090−16 |
| CSPH*4812A** | 1.00 | 1.06 | 0.98 | 1.04 | 58CV(A,X)090−16 |
| CAP**3621A** | 0.97 | 1.05 | 0.96 | 1.04 | 58CV(A,X)110−20 |
| CAP**4221A** | 0.97 | 1.05 | 0.96 | 1.04 | 58CV(A,X)110−20 |
| CAP**4817A** | 0.99 | 1.07 | 0.98 | 1.05 | 58CV(A,X)110−20 |
| CAP**4821A** | 0.99 | 1.05 | 0.98 | 1.04 | 58CV(A,X)110−20 |
| CAP**4824A** | 0.99 | 1.05 | 0.98 | 1.04 | 58CV(A,X)110−20 |
| CNPH*3617A** | 0.96 | 1.07 | 0.95 | 1.05 | 58CV(A,X)110−20 |
| CNPH*4221A** | 0.98 | 1.02 | 0.97 | 1.01 | 58CV(A,X)110−20 |
| CNPH*4821A** | 0.99 | 1.05 | 0.98 | 1.03 | 58CV(A,X)110−20 |
| CNPV*3621A** | 0.96 | 1.07 | 0.95 | 1.05 | 58CV(A,X)110−20 |
| CNPV*4221A** | 0.98 | 1.02 | 0.97 | 1.01 | 58CV(A,X)110−20 |
| CNPV*4821A** | 0.99 | 1.05 | 0.98 | 1.03 | 58CV(A,X)110−20 |
| CNPV*4824A** | 0.99 | 1.05 | 0.98 | 1.03 | 58CV(A,X)110−20 |
| CSPH*3612A** | 0.98 | 1.06 | 0.98 | 1.05 | 58CV(A,X)110−20 |
| CSPH*4212A** | 0.99 | 1.06 | 0.98 | 1.04 | 58CV(A,X)110−20 |
| CSPH*4812A** | 1.00 | 1.06 | 0.98 | 1.04 | 58CV(A,X)110−20 |
| CAP**4224A** | 0.98 | 1.03 | 0.97 | 1.03 | 58CV(A,X)135−22 |
| CAP**4821A** | 0.99 | 1.04 | 0.98 | 1.03 | 58CV(A,X)135−22 |
| CAP**4824A** | 0.99 | 1.04 | 0.98 | 1.03 | 58CV(A,X)135−22 |
| CNPH*3617A** | 0.96 | 1.05 | 0.95 | 1.05 | 58CV(A,X)135−22 |
| CNPH*4221A** | 0.98 | 1.02 | 0.97 | 1.01 | 58CV(A,X)135−22 |
| CNPH*4821A** | 0.99 | 1.03 | 0.98 | 1.03 | 58CV(A,X)135−22 |
| CNPV*4821A** | 0.99 | 1.03 | 0.98 | 1.03 | 58CV(A,X)135−22 |
| CNPV*4824A** | 0.99 | 1.03 | 0.98 | 1.03 | 58CV(A,X)135−22 |
| CSPH*3612A** | 0.99 | 1.05 | 0.98 | 1.04 | 58CV(A,X)135−22 |
| CSPH*4212A** | 0.99 | 1.04 | 0.98 | 1.04 | 58CV(A,X)135−22 |
| CSPH*4812A** | 1.00 | 1.05 | 0.98 | 1.03 | 58CV(A,X)135−22 |
| CAP**4224A** | 0.98 | 1.03 | 0.97 | 1.02 | 58CV(A,X)155−22 |
| CAP**4821A** | 0.99 | 1.03 | 0.98 | 1.02 | 58CV(A,X)155−22 |
| CAP**4824A** | 0.99 | 1.03 | 0.98 | 1.02 | 58CV(A,X)155−22 |
| CNPH*3617A** | 0.96 | 1.05 | 0.95 | 1.04 | 58CV(A,X)155−22 |
| CNPH*4221A** | 0.98 | 1.01 | 0.97 | 1.01 | 58CV(A,X)155−22 |
| CNPH*4821A** | 0.99 | 1.03 | 0.98 | 1.02 | 58CV(A,X)155−22 |
| CNPV*4821A** | 0.99 | 1.03 | 0.98 | 1.02 | 58CV(A,X)155−22 |
| CNPV*4824A** | 0.99 | 1.03 | 0.98 | 1.02 | 58CV(A,X)155−22 |
| CSPH*3612A** | 0.99 | 1.04 | 0.98 | 1.03 | 58CV(A,X)155−22 |
| CSPH*4212A** | 1.00 | 1.05 | 0.98 | 1.03 | 58CV(A,X)155−22 |
| CSPH*4812A** | 1.00 | 1.04 | 0.98 | 1.02 | 58CV(A,X)155−22 |
| CAP**4224A** | 0.97 | 1.07 | 0.96 | 1.06 | 58MVB040−14 |
| CAP**4821A** | 0.98 | 1.07 | 0.98 | 1.06 | 58MVB040−14 |
| CAP**4824A** | 0.98 | 1.07 | 0.98 | 1.06 | 58MVB040−14 |
| CNPH*3617A** | 0.96 | 1.09 | 0.95 | 1.07 | 58MVB040−14 |
| CNPH*4221A** | 0.97 | 1.05 | 0.97 | 1.04 | 58MVB040−14 |
| CNPH*4821A** | 0.99 | 1.08 | 0.98 | 1.05 | 58MVB040−14 |
| CNPV*4821A** | 0.99 | 1.08 | 0.98 | 1.05 | 58MVB040−14 |
| CNPV*4824A** | 0.99 | 1.08 | 0.98 | 1.05 | 58MVB040−14 |
| CSPH*3612A** | 0.98 | 1.09 | 0.97 | 1.06 | 58MVB040−14 |
| CSPH*4212A** | 0.99 | 1.09 | 0.98 | 1.06 | 58MVB040−14 |
| CSPH*4812A** | 0.99 | 1.08 | 0.98 | 1.06 | 58MVB040−14 |
| CAP**3617A** | 0.96 | 1.07 | 0.95 | 1.05 | 58MVB060−14 |
| CAP**4817A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB060−14 |
| CAP**4821A** | 0.99 | 1.07 | 0.98 | 1.04 | 58MVB060−14 |
| CNPH*3617A** | 0.96 | 1.08 | 0.95 | 1.06 | 58MVB060−14 |
| CNPH*4221A** | 0.98 | 1.05 | 0.97 | 1.03 | 58MVB060−14 |
| CNPH*4821A** | 0.99 | 1.06 | 0.98 | 1.04 | 58MVB060−14 |
| CNPV*3617A** | 0.96 | 1.08 | 0.95 | 1.06 | 58MVB060−14 |
| CNPV*4821A** | 0.99 | 1.06 | 0.98 | 1.04 | 58MVB060−14 |
| CSPH*3612A** | 0.98 | 1.07 | 0.98 | 1.06 | 58MVB060−14 |
| CSPH*4212A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB060−14 |
| CSPH*4812A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB060−14 |
| CAP**3621A** | 0.96 | 1.08 | 0.95 | 1.05 | 58MVB080−14 |
| CAP**4221A** | 0.97 | 1.08 | 0.96 | 1.05 | 58MVB080−14 |
| CAP**4817A** | 0.99 | 1.09 | 0.98 | 1.05 | 58MVB080−14 |
| CAP**4821A** | 0.98 | 1.08 | 0.98 | 1.05 | 58MVB080−14 |
| CAP**4824A** | 0.98 | 1.08 | 0.98 | 1.05 | 58MVB080−14 |
| CNPH*3617A** | 0.95 | 1.09 | 0.95 | 1.07 | 58MVB080−14 |
| CNPH*4221A** | 0.97 | 1.06 | 0.97 | 1.03 | 58MVB080−14 |
| CNPH*4821A** | 0.98 | 1.07 | 0.98 | 1.05 | 58MVB080−14 |
| CNPV*3621A** | 0.96 | 1.09 | 0.95 | 1.07 | 58MVB080−14 |
| CNPV*4221A** | 0.97 | 1.06 | 0.97 | 1.03 | 58MVB080−14 |
| CNPV*4821A** | 0.98 | 1.07 | 0.98 | 1.05 | 58MVB080−14 |
| CNPV*4824A** | 0.98 | 1.07 | 0.98 | 1.05 | 58MVB080−14 |
| CSPH*3612A** | 0.98 | 1.08 | 0.97 | 1.06 | 58MVB080−14 |
| CSPH*4212A** | 0.99 | 1.09 | 0.98 | 1.06 | 58MVB080−14 |
| CSPH*4812A** | 0.99 | 1.09 | 0.98 | 1.05 | 58MVB080−14 |
| CAP**3621A** | 0.96 | 1.06 | 0.95 | 1.05 | 58MVB080−20 |
| CAP**4221A** | 0.97 | 1.07 | 0.96 | 1.06 | 58MVB080−20 |
| CAP**4817A** | 0.99 | 1.08 | 0.98 | 1.06 | 58MVB080−20 |
| CAP**4821A** | 0.98 | 1.07 | 0.98 | 1.06 | 58MVB080−20 |
| CAP**4824A** | 0.98 | 1.06 | 0.98 | 1.06 | 58MVB080−20 |
| CNPH*3617A** | 0.96 | 1.08 | 0.95 | 1.07 | 58MVB080−20 |
| CNPH*4221A** | 0.97 | 1.05 | 0.97 | 1.04 | 58MVB080−20 |
| CNPH*4821A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB080−20 |
| CNPV*3621A** | 0.96 | 1.08 | 0.95 | 1.07 | 58MVB080−20 |
| CNPV*4221A** | 0.97 | 1.05 | 0.97 | 1.04 | 58MVB080−20 |
| CNPV*4821A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB080−20 |
| CNPV*4824A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB080−20 |
| CSPH*3612A** | 0.98 | 1.08 | 0.97 | 1.06 | 58MVB080−20 |
| CSPH*4212A** | 0.99 | 1.08 | 0.98 | 1.06 | 58MVB080−20 |
| CSPH*4812A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB080−20 |
| CAP**3621A** | 0.96 | 1.05 | 0.96 | 1.05 | 58MVB100−20 |
| CAP**4221A** | 0.97 | 1.06 | 0.96 | 1.04 | 58MVB100−20 |
| CAP**4817A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB100−20 |
| CAP**4821A** | 0.99 | 1.06 | 0.98 | 1.04 | 58MVB100−20 |
| CAP**4824A** | 0.99 | 1.06 | 0.98 | 1.05 | 58MVB100−20 |
| CNPH*3617A** | 0.96 | 1.08 | 0.95 | 1.06 | 58MVB100−20 |
| CNPH*4221A** | 0.98 | 1.04 | 0.97 | 1.03 | 58MVB100−20 |
| CNPH*4821A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB100−20 |
| CNPV*3621A** | 0.96 | 1.08 | 0.95 | 1.06 | 58MVB100−20 |
| CNPV*4221A** | 0.98 | 1.04 | 0.97 | 1.03 | 58MVB100−20 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

**25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section (Cont.)**

| COOLING INDOOR MODEL | HIGH SPEED CAPACITY | POWER | LOW SPEED CAPACITY | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| CNPV*4821A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB100–20 |
| CNPV*4824A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB100–20 |
| CSPH*3612A** | 0.98 | 1.07 | 0.98 | 1.06 | 58MVB100–20 |
| CSPH*4212A** | 0.99 | 1.06 | 0.98 | 1.05 | 58MVB100–20 |
| CSPH*4812A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB100–20 |
| CAP**4224A** | 0.97 | 1.05 | 0.96 | 1.04 | 58MVB120–20 |
| CAP**4821A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CAP**4824A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CNPH*3617A** | 0.96 | 1.06 | 0.95 | 1.05 | 58MVB120–20 |
| CNPH*4221A** | 0.98 | 1.03 | 0.97 | 1.03 | 58MVB120–20 |
| CNPH*4821A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CNPV*4821A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CNPV*4824A** | 0.99 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CSPH*3612A** | 0.99 | 1.07 | 0.98 | 1.05 | 58MVB120–20 |
| CSPH*4212A** | 0.99 | 1.06 | 0.98 | 1.04 | 58MVB120–20 |
| CSPH*4812A** | 1.00 | 1.06 | 0.98 | 1.04 | 58MVB120–20 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| **25HNA948A30 Outdoor Section With FE5ANB006 Indoor Section – Low Stage** | | | | | | | | | | | | | | | | | | | |
| **950** | 72 | 41.05 | 20.59 | 1.94 | 39.20 | 20.17 | 2.19 | 37.19 | 19.69 | 2.46 | 35.01 | 19.12 | 2.78 | 32.64 | 18.47 | 3.14 | 31.55 | 18.30 | 3.11 |
| | 67 | 37.04 | 25.08 | 1.94 | 35.34 | 24.72 | 2.20 | 33.49 | 24.28 | 2.48 | 31.50 | 23.77 | 2.80 | 29.33 | 23.18 | 3.17 | 26.94 | 22.47 | 3.60 |
| | ††63 | 34.15 | 24.15 | 1.95 | 32.55 | 23.77 | 2.21 | 30.83 | 23.32 | 2.49 | 28.97 | 22.80 | 2.82 | 26.95 | 22.19 | 3.19 | 24.72 | 21.48 | 3.63 |
| | 62 | 33.38 | 29.56 | 1.95 | 31.81 | 29.25 | 2.21 | 30.13 | 28.86 | 2.50 | 28.34 | 28.37 | 2.82 | 26.64 | 26.64 | 3.20 | 24.89 | 24.89 | 3.62 |
| | 57 | 32.14 | 32.14 | 1.95 | 30.94 | 30.94 | 2.21 | 29.63 | 29.63 | 2.50 | 28.20 | 28.20 | 2.82 | 26.64 | 26.64 | 3.20 | 24.89 | 24.89 | 3.62 |
| **1120** | 72 | 42.27 | 21.90 | 1.98 | 40.32 | 21.49 | 2.23 | 38.18 | 21.00 | 2.50 | 35.87 | 20.43 | 2.81 | 35.07 | 20.41 | 2.75 | 30.64 | 19.02 | 3.59 |
| | 67 | 38.17 | 27.18 | 1.98 | 36.35 | 26.83 | 2.24 | 34.40 | 26.40 | 2.51 | 32.29 | 25.90 | 2.83 | 30.00 | 25.30 | 3.20 | 27.50 | 24.60 | 3.63 |
| | ††63 | 35.22 | 26.13 | 1.99 | 33.52 | 25.76 | 2.24 | 31.69 | 25.31 | 2.53 | 29.72 | 24.79 | 2.85 | 27.59 | 24.18 | 3.23 | 25.26 | 23.46 | 3.66 |
| | 62 | 34.48 | 32.42 | 1.99 | 32.85 | 32.55 | 2.25 | 31.31 | 31.31 | 2.53 | 29.75 | 29.75 | 2.85 | 28.05 | 28.05 | 3.22 | 26.15 | 26.15 | 3.64 |
| | 57 | 34.05 | 34.05 | 1.99 | 32.73 | 32.73 | 2.25 | 31.31 | 31.31 | 2.53 | 29.75 | 29.75 | 2.85 | 28.05 | 28.05 | 3.22 | 26.15 | 26.15 | 3.64 |
| **1300** | 72 | 43.15 | 23.16 | 2.04 | 41.12 | 22.76 | 2.28 | 38.88 | 22.27 | 2.56 | 36.46 | 21.69 | 2.87 | 33.86 | 21.05 | 3.22 | 32.81 | 20.94 | 3.20 |
| | 67 | 38.99 | 29.26 | 2.04 | 37.09 | 28.91 | 2.29 | 35.04 | 28.50 | 2.57 | 32.84 | 28.00 | 2.89 | 30.46 | 27.40 | 3.25 | 27.83 | 26.67 | 3.67 |
| | ††63 | 36.00 | 28.08 | 2.05 | 34.21 | 27.71 | 2.30 | 32.30 | 27.28 | 2.58 | 30.25 | 26.76 | 2.91 | 28.04 | 26.14 | 3.28 | 25.57 | 25.36 | 3.70 |
| | 62 | 35.66 | 35.66 | 2.05 | 34.24 | 34.24 | 2.30 | 32.70 | 32.70 | 2.58 | 31.04 | 31.04 | 2.90 | 29.20 | 29.20 | 3.27 | 27.16 | 27.16 | 3.69 |
| | 57 | 35.66 | 35.66 | 2.05 | 34.24 | 34.24 | 2.30 | 32.70 | 32.70 | 2.58 | 31.04 | 31.04 | 2.90 | 29.20 | 29.20 | 3.27 | 27.16 | 27.16 | 3.69 |

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| **25HNA948A30 Outdoor Section With FE4ANB006 Indoor Section – High Stage** | | | | | | | | | | | | | | | | | | | |
| **1200** | 72 | 55.51 | 28.17 | 3.04 | 52.87 | 26.88 | 3.33 | 50.04 | 25.54 | 3.64 | 47.04 | 24.17 | 3.99 | 43.82 | 22.74 | 4.36 | 42.03 | 21.87 | 4.35 |
| | 67 | 50.45 | 34.17 | 2.99 | 48.01 | 32.78 | 3.28 | 45.43 | 31.35 | 3.59 | 42.68 | 29.88 | 3.93 | 41.17 | 28.96 | 3.84 | 36.51 | 26.78 | 4.71 |
| | ††63 | 46.77 | 33.06 | 2.95 | 44.49 | 31.67 | 3.24 | 42.07 | 30.26 | 3.54 | 39.50 | 28.81 | 3.88 | 36.75 | 27.30 | 4.25 | 33.75 | 25.73 | 4.66 |
| | 62 | 45.78 | 40.15 | 2.94 | 43.55 | 38.66 | 3.23 | 41.19 | 37.14 | 3.53 | 38.68 | 35.56 | 3.87 | 36.00 | 33.92 | 4.24 | 34.27 | 33.95 | 4.21 |
| | 57 | 43.40 | 43.40 | 2.91 | 41.65 | 41.65 | 3.21 | 39.77 | 39.77 | 3.52 | 37.76 | 37.76 | 3.86 | 35.59 | 35.59 | 4.24 | 34.14 | 34.14 | 4.21 |
| **1400** | 72 | 56.95 | 29.64 | 3.14 | 54.18 | 28.31 | 3.43 | 51.18 | 26.93 | 3.74 | 48.03 | 25.51 | 4.08 | 44.65 | 24.05 | 4.45 | 42.85 | 23.17 | 4.45 |
| | 67 | 51.80 | 36.59 | 3.08 | 49.23 | 35.14 | 3.37 | 46.50 | 33.65 | 3.68 | 43.61 | 32.13 | 4.02 | 42.07 | 31.18 | 3.93 | 37.14 | 28.90 | 4.80 |
| | ††63 | 48.05 | 35.34 | 3.04 | 45.64 | 33.90 | 3.33 | 43.09 | 32.43 | 3.64 | 40.39 | 30.92 | 3.97 | 37.50 | 29.36 | 4.34 | 35.65 | 28.27 | 4.31 |
| | 62 | 47.08 | 43.49 | 3.03 | 44.73 | 41.91 | 3.32 | 42.26 | 40.28 | 3.63 | 39.69 | 39.37 | 3.97 | 37.22 | 37.22 | 4.34 | 35.71 | 35.71 | 4.31 |
| | 57 | 45.65 | 45.65 | 3.02 | 43.75 | 43.75 | 3.31 | 41.73 | 41.73 | 3.62 | 39.56 | 39.56 | 3.96 | 37.22 | 37.22 | 4.34 | 35.71 | 35.71 | 4.31 |
| **1600** | 72 | 57.92 | 30.94 | 3.26 | 55.01 | 29.57 | 3.54 | 51.93 | 28.16 | 3.85 | 48.66 | 26.71 | 4.19 | 45.15 | 25.21 | 4.57 | 43.36 | 24.34 | 4.56 |
| | 67 | 52.72 | 38.81 | 3.20 | 50.04 | 37.31 | 3.48 | 47.19 | 35.78 | 3.79 | 44.18 | 34.20 | 4.13 | 40.97 | 32.57 | 4.50 | 37.49 | 30.86 | 4.91 |
| | ††63 | 48.92 | 37.42 | 3.16 | 46.41 | 35.93 | 3.44 | 43.75 | 34.41 | 3.75 | 40.95 | 32.85 | 4.08 | 37.95 | 31.24 | 4.45 | 36.07 | 30.11 | 4.42 |
| | 62 | 48.03 | 46.51 | 3.15 | 45.62 | 44.78 | 3.43 | 43.25 | 43.25 | 3.74 | 40.95 | 40.95 | 4.09 | 39.64 | 39.64 | 4.00 | 35.73 | 35.73 | 4.88 |
| | 57 | 47.44 | 47.44 | 3.14 | 45.40 | 45.40 | 3.43 | 43.25 | 43.25 | 3.74 | 40.95 | 40.95 | 4.09 | 39.65 | 39.65 | 4.00 | 35.74 | 35.74 | 4.88 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

**25HNA948A30 Outdoor Section With FE4ANB006 Indoor Section**

| COOLING INDOOR MODEL | HIGH SPEED CAP. | POW-ER | LOW SPEED CAP. | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| *FE4ANB006 | 1.00 | 1.00 | 1.00 | 1.00 | |
| FE4AN(B,F)005 | 0.99 | 1.01 | 0.99 | 1.01 | |
| CAP**4817A** | 0.97 | 1.05 | 0.98 | 1.04 | 58CV(A,X)090–16 |
| CAP**4821A** | 0.96 | 1.05 | 0.97 | 1.04 | 58CV(A,X)090–16 |
| CAP**6021A** | 0.98 | 1.04 | 0.99 | 1.03 | 58CV(A,X)090–16 |
| CNPH*4821A** | 0.97 | 1.04 | 0.97 | 1.03 | 58CV(A,X)090–16 |
| CNPH*6024A** | 0.98 | 1.04 | 0.99 | 1.03 | 58CV(A,X)090–16 |
| CNPV*4821A** | 0.96 | 1.04 | 0.97 | 1.03 | 58CV(A,X)090–16 |
| CSPH*4812A** | 0.97 | 1.05 | 0.98 | 1.04 | 58CV(A,X)090–16 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)090–16 |
| CAP**4821A** | 0.96 | 1.04 | 0.97 | 1.04 | 58CV(A,X)110–20 |
| CAP**6021A** | 0.99 | 1.04 | 0.99 | 1.02 | 58CV(A,X)110–20 |
| CNPH*4821A** | 0.97 | 1.04 | 0.97 | 1.03 | 58CV(A,X)110–20 |
| CNPH*6024A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)110–20 |
| CNPV*4821A** | 0.97 | 1.04 | 0.97 | 1.03 | 58CV(A,X)110–20 |
| CSPH*4812A** | 0.97 | 1.04 | 0.98 | 1.04 | 58CV(A,X)110–20 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58CV(A,X)110–20 |
| CAP**4824A** | 0.97 | 1.02 | 0.97 | 1.02 | 58CV(A,X)135–22 |
| CAP**6024A** | 0.99 | 1.03 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CNPH*4821A** | 0.97 | 1.02 | 0.98 | 1.02 | 58CV(A,X)135–22 |
| CNPH*6024A** | 0.99 | 1.03 | 0.99 | 1.01 | 58CV(A,X)135–22 |
| CNPV*4824A** | 0.97 | 1.02 | 0.98 | 1.02 | 58CV(A,X)135–22 |
| CNPV*6024A** | 0.99 | 1.03 | 0.99 | 1.01 | 58CV(A,X)135–22 |
| CSPH*4812A** | 0.98 | 1.04 | 0.98 | 1.03 | 58CV(A,X)135–22 |
| CSPH*6012A** | 0.99 | 1.02 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CAP**4824A** | 0.97 | 1.02 | 0.97 | 1.01 | 58CV(A,X)155–22 |
| CAP**6024A** | 0.99 | 1.02 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CNPH*4821A** | 0.97 | 1.02 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CNPH*6024A** | 0.99 | 1.02 | 0.99 | 1.01 | 58CV(A,X)155–22 |
| CNPV*4824A** | 0.97 | 1.02 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CNPV*6024A** | 0.99 | 1.02 | 0.99 | 1.01 | 58CV(A,X)155–22 |
| CSPH*4812A** | 0.98 | 1.03 | 0.98 | 1.02 | 58CV(A,X)155–22 |
| CSPH*6012A** | 1.00 | 1.02 | 0.99 | 1.01 | 58CV(A,X)155–22 |
| CAP**4821A** | 0.96 | 1.06 | 0.97 | 1.05 | 58MVB080–20 |
| CAP**6021A** | 0.99 | 1.06 | 0.99 | 1.05 | 58MVB080–20 |
| CNPH*4821A** | 0.96 | 1.05 | 0.97 | 1.05 | 58MVB080–20 |
| CNPH*6024A** | 0.98 | 1.05 | 0.98 | 1.04 | 58MVB080–20 |
| CNPV*4821A** | 0.96 | 1.05 | 0.97 | 1.05 | 58MVB080–20 |
| CSPH*4812A** | 0.97 | 1.06 | 0.98 | 1.06 | 58MVB080–20 |
| CSPH*6012A** | 0.99 | 1.06 | 0.99 | 1.05 | 58MVB080–20 |
| CAP**4821A** | 0.96 | 1.05 | 0.97 | 1.04 | 58MVB100–20 |
| CAP**6021A** | 0.99 | 1.05 | 0.99 | 1.03 | 58MVB100–20 |
| CNPH*4821A** | 0.96 | 1.04 | 0.97 | 1.04 | 58MVB100–20 |
| CNPH*6024A** | 0.98 | 1.04 | 0.99 | 1.04 | 58MVB100–20 |
| CNPV*4821A** | 0.96 | 1.04 | 0.97 | 1.04 | 58MVB100–20 |
| CSPH*4812A** | 0.97 | 1.04 | 0.98 | 1.05 | 58MVB100–20 |
| CSPH*6012A** | 0.99 | 1.04 | 0.99 | 1.03 | 58MVB100–20 |
| CAP**4824A** | 0.96 | 1.04 | 0.97 | 1.04 | 58MVB120–20 |
| CAP**6024A** | 0.99 | 1.05 | 0.99 | 1.03 | 58MVB120–20 |
| CNPH*4821A** | 0.97 | 1.05 | 0.97 | 1.03 | 58MVB120–20 |
| CNPH*6024A** | 0.98 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |
| CNPV*4824A** | 0.97 | 1.05 | 0.97 | 1.03 | 58MVB120–20 |
| CNPV*6024A** | 0.98 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |
| CSPH*4812A** | 0.97 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CSPH*6012A** | 0.99 | 1.05 | 0.99 | 1.03 | 58MVB120–20 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| 25HNA960A30 Outdoor Section With FE4ANB006 Indoor Section – Low Stage | | | | | | | | | | | | | | | | | | | |
| 1200 | 72 | 50.06 | 25.99 | 2.51 | 47.81 | 25.03 | 2.85 | 45.37 | 24.01 | 3.22 | 42.76 | 22.94 | 3.64 | 39.93 | 21.81 | 4.13 | 36.83 | 20.61 | 4.70 |
| | 67 | 45.49 | 31.98 | 2.52 | 43.43 | 30.97 | 2.87 | 41.19 | 29.91 | 3.25 | 38.79 | 28.79 | 3.68 | 36.20 | 27.61 | 4.18 | 33.36 | 26.36 | 4.76 |
| | ††63 | 42.19 | 30.89 | 2.53 | 40.25 | 29.88 | 2.88 | 38.17 | 28.82 | 3.27 | 35.92 | 27.71 | 3.71 | 33.51 | 26.54 | 4.22 | 30.86 | 25.29 | 4.81 |
| | 62 | 41.31 | 37.95 | 2.54 | 39.42 | 36.88 | 2.89 | 37.40 | 35.75 | 3.28 | 35.25 | 34.90 | 3.72 | 33.19 | 33.19 | 4.23 | 31.06 | 31.06 | 4.81 |
| | 57 | 40.02 | 40.02 | 2.54 | 38.51 | 38.51 | 2.89 | 36.89 | 36.89 | 3.28 | 35.12 | 35.12 | 3.72 | 33.19 | 33.19 | 4.23 | 31.06 | 31.06 | 4.81 |
| 1400 | 72 | 51.14 | 27.41 | 2.59 | 48.80 | 26.43 | 2.92 | 46.24 | 25.38 | 3.29 | 43.50 | 24.28 | 3.71 | 40.54 | 23.13 | 4.20 | 37.31 | 21.90 | 4.76 |
| | 67 | 46.52 | 34.34 | 2.60 | 44.35 | 33.30 | 2.94 | 42.00 | 32.20 | 3.32 | 39.49 | 31.05 | 3.75 | 36.78 | 29.83 | 4.25 | 33.84 | 28.54 | 4.82 |
| | ††63 | 43.18 | 33.11 | 2.61 | 41.14 | 32.07 | 2.95 | 38.95 | 30.97 | 3.34 | 36.60 | 29.82 | 3.78 | 34.07 | 28.61 | 4.29 | 31.33 | 27.32 | 4.87 |
| | 62 | 42.38 | 41.15 | 2.61 | 40.44 | 40.14 | 2.96 | 38.57 | 38.57 | 3.34 | 36.66 | 36.66 | 3.78 | 34.58 | 34.58 | 4.28 | 32.29 | 32.29 | 4.85 |
| | 57 | 41.94 | 41.94 | 2.61 | 40.32 | 40.32 | 2.96 | 38.57 | 38.57 | 3.34 | 36.66 | 36.66 | 3.78 | 34.58 | 34.58 | 4.28 | 32.29 | 32.29 | 4.85 |
| 1600 | 72 | 51.84 | 28.66 | 2.69 | 49.42 | 27.67 | 3.02 | 46.76 | 26.60 | 3.38 | 43.92 | 25.48 | 3.80 | 40.87 | 24.31 | 4.29 | 39.60 | 23.77 | 4.24 |
| | 67 | 47.19 | 36.52 | 2.70 | 44.92 | 35.44 | 3.03 | 42.49 | 34.31 | 3.41 | 39.89 | 33.13 | 3.84 | 37.10 | 31.88 | 4.34 | 34.08 | 30.53 | 4.91 |
| | ††63 | 43.81 | 35.14 | 2.71 | 41.70 | 34.07 | 3.05 | 39.42 | 32.94 | 3.43 | 36.99 | 31.76 | 3.87 | 34.39 | 30.50 | 4.38 | 31.57 | 29.15 | 4.96 |
| | 62 | 43.46 | 43.45 | 2.71 | 41.72 | 41.72 | 3.05 | 39.84 | 39.84 | 3.43 | 37.81 | 37.81 | 3.86 | 35.61 | 35.61 | 4.36 | 33.18 | 33.18 | 4.93 |
| | 57 | 43.44 | 43.44 | 2.71 | 41.72 | 41.72 | 3.05 | 39.84 | 39.84 | 3.43 | 37.82 | 37.82 | 3.86 | 35.62 | 35.62 | 4.36 | 33.18 | 33.18 | 4.93 |

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 75 | | | 85 | | | 95 | | | 105 | | | 115 | | | 125 | | |
| CFM | EWB | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYS-TEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** | CAPACITY MBTUH† | | TOTAL SYSTEM KW** |
| | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | | TOTAL | SENS‡ | |
| 25HNA960A30 Outdoor Section With FE4ANB006 Indoor Section – High Stage | | | | | | | | | | | | | | | | | | | |
| 1500 | 72 | 67.10 | 34.20 | 4.01 | 64.62 | 33.02 | 4.42 | 61.90 | 31.78 | 4.87 | 58.85 | 30.45 | 5.35 | 55.46 | 29.01 | 5.88 | 51.59 | 27.45 | 6.47 |
| | 67 | 61.20 | 41.59 | 3.94 | 58.92 | 40.38 | 4.34 | 56.42 | 39.11 | 4.78 | 53.65 | 37.76 | 5.27 | 50.55 | 36.30 | 5.80 | 48.81 | 35.44 | 5.75 |
| | ††63 | 56.89 | 40.31 | 3.88 | 54.76 | 39.11 | 4.28 | 52.43 | 37.84 | 4.72 | 49.85 | 36.49 | 5.20 | 46.98 | 35.04 | 5.73 | 45.20 | 34.11 | 5.66 |
| | 62 | 55.74 | 48.95 | 3.86 | 53.66 | 47.71 | 4.27 | 51.37 | 46.41 | 4.71 | 48.87 | 45.01 | 5.19 | 46.08 | 43.48 | 5.72 | 42.97 | 42.62 | 6.30 |
| | 57 | 52.77 | 52.77 | 3.83 | 51.21 | 51.21 | 4.24 | 49.48 | 49.48 | 4.68 | 47.55 | 47.55 | 5.17 | 45.36 | 45.36 | 5.70 | 42.84 | 42.84 | 6.30 |
| 1750 | 72 | 68.58 | 35.77 | 4.19 | 65.95 | 34.56 | 4.59 | 63.06 | 33.29 | 5.03 | 59.84 | 31.92 | 5.52 | 56.27 | 30.46 | 6.05 | 52.21 | 28.86 | 6.63 |
| | 67 | 62.59 | 44.28 | 4.11 | 60.17 | 43.04 | 4.51 | 57.50 | 41.73 | 4.95 | 54.57 | 40.34 | 5.43 | 51.31 | 38.85 | 5.96 | 47.60 | 37.22 | 6.54 |
| | ††63 | 58.22 | 42.84 | 4.05 | 55.95 | 41.60 | 4.45 | 53.47 | 40.29 | 4.89 | 50.74 | 38.91 | 5.37 | 47.70 | 37.42 | 5.89 | 45.88 | 36.49 | 5.83 |
| | 62 | 57.09 | 52.72 | 4.03 | 54.88 | 51.42 | 4.44 | 52.49 | 50.03 | 4.88 | 49.89 | 48.50 | 5.36 | 47.15 | 47.15 | 5.89 | 44.41 | 44.41 | 6.48 |
| | 57 | 55.21 | 55.21 | 4.01 | 53.51 | 53.51 | 4.42 | 51.63 | 51.63 | 4.86 | 49.53 | 49.53 | 5.35 | 47.15 | 47.15 | 5.89 | 44.41 | 44.41 | 6.48 |
| 2000 | 72 | 69.47 | 37.08 | 4.39 | 66.73 | 35.86 | 4.80 | 63.72 | 34.56 | 5.24 | 60.36 | 33.17 | 5.72 | 56.64 | 31.69 | 6.25 | 52.42 | 30.06 | 6.83 |
| | 67 | 63.43 | 46.68 | 4.31 | 60.89 | 45.42 | 4.72 | 58.11 | 44.08 | 5.15 | 55.04 | 42.66 | 5.63 | 51.64 | 41.14 | 6.16 | 47.80 | 39.46 | 6.74 |
| | ††63 | 59.02 | 45.08 | 4.25 | 56.64 | 43.81 | 4.65 | 54.04 | 42.48 | 5.09 | 51.19 | 41.06 | 5.57 | 48.03 | 39.54 | 6.09 | 44.48 | 37.86 | 6.67 |
| | 62 | 57.98 | 56.05 | 4.24 | 55.71 | 54.64 | 4.64 | 53.25 | 53.25 | 5.08 | 50.96 | 50.96 | 5.57 | 48.42 | 48.42 | 6.10 | 45.48 | 45.48 | 6.70 |
| | 57 | 57.07 | 57.07 | 4.23 | 55.24 | 55.24 | 4.64 | 53.22 | 53.22 | 5.08 | 50.97 | 50.97 | 5.57 | 48.42 | 48.42 | 6.10 | 45.48 | 45.48 | 6.70 |

See notes on pg. 22

# DETAILED COOLING CAPACITIES CONTINUED

**25HNA960A30 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 | 1.04 | 0.99 | 1.03 | 58CV(A,X)110–20 |
| CNPH*6024A** | 0.97 | 1.03 | 0.98 | 1.03 | 58CV(A,X)110–20 |
| CSPH*6012A** | 0.98 | 1.03 | 0.99 | 1.03 | 58CV(A,X)110–20 |
| CAP**6024A** | 0.98 | 1.02 | 0.99 | 1.03 | 58CV(A,X)135–22 |
| CNPH*6024A** | 0.98 | 1.02 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CNPV*6024A** | 0.98 | 1.02 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CSPH*6012A** | 0.99 | 1.02 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CAP**6024A** | 0.98 | 1.01 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CNPH*6024A** | 0.98 | 1.01 | 0.99 | 1.01 | 58CV(A,X)155–22 |
| CNPV*6024A** | 0.98 | 1.01 | 0.99 | 1.01 | 58CV(A,X)155–22 |
| CSPH*6012A** | 0.99 | 1.01 | 0.99 | 1.01 | 58CV(A,X)155–22 |
| CAP**6021A** | 0.97 | 1.08 | 0.98 | 1.05 | 58MVB080–20 |
| CNPH*6024A** | 0.97 | 1.07 | 0.98 | 1.05 | 58MVB080–20 |
| CSPH*6012A** | 0.97 | 1.07 | 0.99 | 1.06 | 58MVB080–20 |
| CAP**6021A** | 0.97 | 1.06 | 0.98 | 1.04 | 58MVB100–20 |
| CNPH*6024A** | 0.97 | 1.06 | 0.98 | 1.05 | 58MVB100–20 |
| CSPH*6012A** | 0.98 | 1.06 | 0.99 | 1.05 | 58MVB100–20 |
| CAP**6024A** | 0.97 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CNPH*6024A** | 0.97 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CNPV*6024A** | 0.97 | 1.05 | 0.98 | 1.04 | 58MVB120–20 |
| CSPH*6012A** | 0.98 | 1.05 | 0.99 | 1.05 | 58MVB120–20 |

**NOTE**: When the required data falls 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).

* Tested Combination

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

†† At TVA rating indoor condition (75°F edb/63°F ewb). All other indoor air temperatures are at 80°F edb.

**EWB** — Entering Wet Bulb

# HEAT PUMP HEATING PERFORMANCE

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† |
| | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG* | | TOTAL | INTEG* | |
| **25HNA924A30 Outdoor Section With FE5ANB004 Indoor Section – Low Stage** | | | | | | | | | | | | | | | | | | | | | | |
| **65** | 600 | 7.32 | 6.72 | 1.00 | 9.69 | 8.83 | 1.09 | 12.17 | 10.81 | 1.20 | 14.65 | 13.33 | 1.33 | 17.07 | 17.07 | 1.54 | 19.25 | 19.25 | 1.73 | 19.69 | 19.69 | 1.82 |
| | 665 | 7.39 | 6.79 | 0.99 | 9.83 | 8.96 | 1.08 | 12.29 | 10.91 | 1.17 | 14.69 | 13.36 | 1.32 | 16.91 | 16.91 | 1.49 | 18.76 | 18.76 | 1.69 | 18.14 | 18.14 | 1.69 |
| | 700 | 7.43 | 6.82 | 0.99 | 9.89 | 9.02 | 1.07 | 12.34 | 10.96 | 1.16 | 14.70 | 13.38 | 1.32 | 16.88 | 16.88 | 1.48 | 18.12 | 18.12 | 1.64 | 17.53 | 17.53 | 1.64 |
| **70** | 600 | 7.10 | 6.52 | 1.08 | 9.39 | 8.56 | 1.18 | 11.84 | 10.51 | 1.28 | 14.35 | 13.06 | 1.41 | 16.79 | 16.79 | 1.62 | 19.03 | 19.03 | 1.81 | 20.72 | 20.72 | 2.02 |
| | 665 | 7.17 | 6.59 | 1.07 | 9.50 | 8.66 | 1.16 | 11.97 | 10.63 | 1.26 | 14.42 | 13.12 | 1.40 | 16.80 | 16.80 | 1.61 | 18.96 | 18.96 | 1.81 | 19.05 | 19.05 | 1.87 |
| | 700 | 7.21 | 6.62 | 1.07 | 9.55 | 8.71 | 1.15 | 12.04 | 10.69 | 1.25 | 14.44 | 13.14 | 1.40 | 16.72 | 16.72 | 1.59 | 18.87 | 18.87 | 1.80 | 18.40 | 18.40 | 1.81 |
| **75** | 600 | 6.90 | 6.34 | 1.17 | 9.09 | 8.29 | 1.27 | 11.52 | 10.23 | 1.38 | 14.03 | 12.77 | 1.50 | 16.50 | 16.50 | 1.71 | 18.89 | 18.89 | 1.94 | 21.20 | 21.20 | 2.17 |
| | 665 | 7.00 | 6.44 | 1.16 | 9.19 | 8.38 | 1.25 | 11.66 | 10.35 | 1.35 | 14.14 | 12.87 | 1.48 | 16.53 | 16.53 | 1.70 | 18.75 | 18.75 | 1.89 | 19.98 | 19.98 | 2.06 |
| | 700 | 7.03 | 6.46 | 1.16 | 9.25 | 8.43 | 1.24 | 11.72 | 10.41 | 1.34 | 14.17 | 12.89 | 1.48 | 16.54 | 16.54 | 1.70 | 18.72 | 18.72 | 1.89 | 19.30 | 19.30 | 2.00 |

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | –3 | | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† |
| | | TOTAL | IN-TEG‡ | | TOTAL | IN-TEG‡ | | TOTAL | IN-TEG‡ | | TOTAL | IN-TEG‡ | | TOTAL | IN-TEG‡ | | TOTAL | IN-TEG‡ | | TOTAL | IN-TEG‡ | | TOTAL | IN-TEG‡ | |
| **25HNA924A30 Outdoor Section With FE5ANB004 Indoor Section – High Stage** | | | | | | | | | | | | | | | | | | | | | | | | |
| **65** | 700 | 8.63 | 7.94 | 0.95 | 11.10 | 10.20 | 1.14 | 13.88 | 12.65 | 1.39 | 16.96 | 15.06 | 1.72 | 20.22 | 18.40 | 2.06 | 22.95 | 22.95 | 2.41 | 23.85 | 23.85 | 2.62 | 24.69 | 24.69 | 2.81 |
| | 750 | 8.68 | 7.99 | 0.94 | 11.17 | 10.26 | 1.13 | 13.90 | 12.68 | 1.39 | 16.98 | 15.08 | 1.73 | 20.19 | 18.38 | 2.06 | 22.16 | 22.16 | 2.35 | 22.98 | 22.98 | 2.55 | 23.82 | 23.82 | 2.75 |
| | 800 | 8.73 | 8.03 | 0.94 | 11.22 | 10.31 | 1.13 | 13.93 | 12.70 | 1.39 | 16.95 | 15.06 | 1.72 | 20.17 | 18.36 | 2.07 | 21.56 | 21.56 | 2.31 | 22.27 | 22.27 | 2.49 | 23.07 | 23.07 | 2.69 |
| **70** | 700 | 8.40 | 7.73 | 1.00 | 10.85 | 9.97 | 1.20 | 13.64 | 12.43 | 1.45 | 16.69 | 14.82 | 1.79 | 20.03 | 18.23 | 2.15 | 23.76 | 23.76 | 2.59 | 24.87 | 24.87 | 2.82 | 25.83 | 25.83 | 3.04 |
| | 750 | 8.46 | 7.79 | 1.00 | 10.92 | 10.04 | 1.19 | 13.67 | 12.47 | 1.45 | 16.71 | 14.84 | 1.79 | 19.97 | 18.17 | 2.14 | 22.95 | 22.95 | 2.53 | 23.93 | 23.93 | 2.74 | 24.84 | 24.84 | 2.96 |
| | 800 | 8.53 | 7.85 | 0.99 | 10.99 | 10.10 | 1.19 | 13.70 | 12.49 | 1.45 | 16.74 | 14.86 | 1.80 | 19.95 | 18.15 | 2.14 | 22.40 | 22.40 | 2.49 | 23.31 | 23.31 | 2.70 | 24.13 | 24.13 | 2.90 |
| **75** | 700 | 8.26 | 7.60 | 1.06 | 10.59 | 9.73 | 1.27 | 13.37 | 12.19 | 1.51 | 16.41 | 14.57 | 1.86 | 19.92 | 18.12 | 2.29 | 23.60 | 23.60 | 2.69 | 25.81 | 25.81 | 3.02 | 26.92 | 26.92 | 3.26 |
| | 750 | 8.30 | 7.64 | 1.05 | 10.67 | 9.80 | 1.26 | 13.43 | 12.24 | 1.51 | 16.44 | 14.60 | 1.86 | 19.80 | 18.02 | 2.25 | 23.54 | 23.54 | 2.69 | 24.88 | 24.88 | 2.95 | 25.87 | 25.87 | 3.18 |
| | 800 | 8.34 | 7.67 | 1.05 | 10.74 | 9.87 | 1.25 | 13.46 | 12.27 | 1.51 | 16.46 | 14.62 | 1.87 | 19.73 | 17.95 | 2.23 | 23.08 | 23.08 | 2.66 | 24.15 | 24.15 | 2.89 | 25.10 | 25.10 | 3.11 |

See notes on pg. 30

# HEAT PUMP HEATING PERFORMANCE CONTINUED

**25HNA924A30 Outdoor Section With FE5ANB004 Indoor Section**

| HEATING INDOOR MODEL | HIGH SPEED CAPACITY | POWER | LOW SPEED CAPACITY | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| *FE5ANB004 | 1.00 | 1.00 | 1.00 | 1.00 | |
| FE4ANF002 | 1.01 | 1.03 | 0.99 | 1.01 | |
| FE4ANF003 | 1.01 | 1.03 | 0.98 | 1.00 | |
| CAP**4817A** | 1.02 | 1.05 | 1.00 | 1.02 | 58CV(A,X)090–16 |
| CAP**4821A** | 1.01 | 1.04 | 0.99 | 1.01 | 58CV(A,X)090–16 |
| CAP**6021A** | 1.01 | 1.04 | 0.99 | 1.02 | 58CV(A,X)090–16 |
| CNPH*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)090–16 |
| CNPH*6024A** | 1.00 | 1.03 | 0.99 | 1.01 | 58CV(A,X)090–16 |
| CNPV*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)090–16 |
| CSPH*4812A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)090–16 |
| CSPH*6012A** | 1.01 | 1.04 | 1.00 | 1.03 | 58CV(A,X)090–16 |
| CAP**4817A** | 1.02 | 1.05 | 1.00 | 1.03 | 58CV(A,X)110–20 |
| CAP**4821A** | 1.01 | 1.04 | 1.00 | 1.02 | 58CV(A,X)110–20 |
| CAP**4824A** | 1.01 | 1.04 | 1.00 | 1.02 | 58CV(A,X)110–20 |
| CAP**6021A** | 1.01 | 1.04 | 0.99 | 1.02 | 58CV(A,X)110–20 |
| CAP**6024A** | 1.01 | 1.05 | 0.99 | 1.03 | 58CV(A,X)110–20 |
| CNPH*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)110–20 |
| CNPH*6024A** | 1.00 | 1.04 | 0.99 | 1.01 | 58CV(A,X)110–20 |
| CNPV*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)110–20 |
| CNPV*4824A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)110–20 |
| CNPV*6024A** | 1.00 | 1.04 | 0.99 | 1.01 | 58CV(A,X)110–20 |
| CSPH*4812A** | 1.01 | 1.04 | 0.99 | 1.01 | 58CV(A,X)110–20 |
| CSPH*6012A** | 1.01 | 1.04 | 1.00 | 1.03 | 58CV(A,X)110–20 |
| CAP**4821A** | 1.01 | 1.04 | 1.00 | 1.02 | 58CV(A,X)135–22 |
| CAP**4824A** | 1.01 | 1.04 | 1.00 | 1.02 | 58CV(A,X)135–22 |
| CAP**6021A** | 1.01 | 1.04 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CAP**6024A** | 1.01 | 1.04 | 0.99 | 1.02 | 58CV(A,X)135–22 |
| CNPH*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)135–22 |
| CNPH*6024A** | 1.00 | 1.03 | 0.99 | 1.01 | 58CV(A,X)135–22 |
| CNPV*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)135–22 |
| CNPV*4824A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)135–22 |
| CNPV*6024A** | 1.00 | 1.03 | 0.99 | 1.01 | 58CV(A,X)135–22 |
| CSPH*4812A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)135–22 |
| CSPH*6012A** | 1.01 | 1.04 | 1.00 | 1.03 | 58CV(A,X)135–22 |
| CAP**4821A** | 1.01 | 1.03 | 0.99 | 1.01 | 58CV(A,X)155–22 |
| CAP**4824A** | 1.01 | 1.04 | 1.00 | 1.02 | 58CV(A,X)155–22 |
| CAP**6021A** | 1.01 | 1.04 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CAP**6024A** | 1.01 | 1.04 | 0.99 | 1.02 | 58CV(A,X)155–22 |
| CNPH*4821A** | 1.01 | 1.03 | 0.99 | 1.00 | 58CV(A,X)155–22 |
| CNPH*6024A** | 1.00 | 1.03 | 0.98 | 0.99 | 58CV(A,X)155–22 |
| CNPV*4821A** | 1.01 | 1.03 | 0.99 | 1.00 | 58CV(A,X)155–22 |
| CNPV*4824A** | 1.01 | 1.03 | 0.99 | 1.00 | 58CV(A,X)155–22 |
| CNPV*6024A** | 1.00 | 1.03 | 0.98 | 0.99 | 58CV(A,X)155–22 |
| CSPH*4812A** | 1.01 | 1.04 | 0.99 | 1.00 | 58CV(A,X)155–22 |
| CSPH*6012A** | 1.01 | 1.04 | 1.00 | 1.03 | 58CV(A,X)155–22 |
| CAP**4817A** | 1.02 | 1.06 | 1.00 | 1.03 | 58MVB080–20 |
| CAP**4821A** | 1.01 | 1.05 | 1.00 | 1.03 | 58MVB080–20 |
| CAP**4824A** | 1.01 | 1.05 | 1.00 | 1.03 | 58MVB080–20 |
| CAP**6021A** | 1.01 | 1.05 | 0.99 | 1.03 | 58MVB080–20 |
| CAP**6024A** | 1.01 | 1.05 | 0.99 | 1.03 | 58MVB080–20 |
| CNPH*4821A** | 1.02 | 1.05 | 0.99 | 1.00 | 58MVB080–20 |
| CNPH*6024A** | 1.01 | 1.05 | 0.99 | 1.01 | 58MVB080–20 |
| CNPV*4821A** | 1.02 | 1.05 | 0.99 | 1.00 | 58MVB080–20 |
| CNPV*4824A** | 1.02 | 1.06 | 0.99 | 1.00 | 58MVB080–20 |
| CNPV*6024A** | 1.01 | 1.05 | 0.99 | 1.01 | 58MVB080–20 |
| CSPH*4812A** | 1.02 | 1.06 | 0.99 | 1.01 | 58MVB080–20 |
| CSPH*6012A** | 1.02 | 1.06 | 1.00 | 1.03 | 58MVB080–20 |
| CAP**4817A** | 1.02 | 1.05 | 1.00 | 1.03 | 58MVB100–20 |
| CAP**4821A** | 1.01 | 1.04 | 1.00 | 1.03 | 58MVB100–20 |
| CAP**4824A** | 1.01 | 1.04 | 1.00 | 1.03 | 58MVB100–20 |
| CAP**6021A** | 1.01 | 1.04 | 0.99 | 1.03 | 58MVB100–20 |
| CAP**6024A** | 1.01 | 1.05 | 0.99 | 1.03 | 58MVB100–20 |
| CNPH*4821A** | 1.01 | 1.04 | 0.99 | 1.01 | 58MVB100–20 |
| CNPH*6024A** | 1.00 | 1.04 | 0.99 | 1.01 | 58MVB100–20 |
| CNPV*4821A** | 1.01 | 1.04 | 0.99 | 1.01 | 58MVB100–20 |
| CNPV*4824A** | 1.01 | 1.04 | 0.99 | 1.01 | 58MVB100–20 |
| CNPV*6024A** | 1.00 | 1.04 | 0.99 | 1.01 | 58MVB100–20 |
| CSPH*4812A** | 1.01 | 1.04 | 0.99 | 1.01 | 58MVB100–20 |
| CSPH*6012A** | 1.01 | 1.04 | 1.00 | 1.03 | 58MVB100–20 |
| CAP**4821A** | 1.01 | 1.04 | 1.00 | 1.02 | 58MVB120–20 |
| CAP**4824A** | 1.01 | 1.04 | 1.00 | 1.03 | 58MVB120–20 |
| CAP**6021A** | 1.01 | 1.04 | 0.99 | 1.02 | 58MVB120–20 |
| CAP**6024A** | 1.01 | 1.04 | 0.99 | 1.03 | 58MVB120–20 |
| CNPH*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58MVB120–20 |
| CNPH*6024A** | 1.00 | 1.04 | 0.99 | 1.01 | 58MVB120–20 |
| CNPV*4821A** | 1.01 | 1.04 | 0.99 | 1.00 | 58MVB120–20 |
| CNPV*4824A** | 1.01 | 1.04 | 0.99 | 1.00 | 58MVB120–20 |
| CNPV*6024A** | 1.00 | 1.04 | 0.99 | 1.01 | 58MVB120–20 |
| CSPH*4812A** | 1.01 | 1.04 | 0.99 | 1.01 | 58MVB120–20 |
| CSPH*6012A** | 1.01 | 1.04 | 1.00 | 1.03 | 58MVB120–20 |

See notes on pg. 30

# HEAT PUMP HEATING PERFORMANCE CONTINUED

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† |
| | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | |
| **25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section Low Stage** | | | | | | | | | | | | | | | | | | | | | | | |
| **65** | 750 | 10.41 | 9.56 | 1.45 | 13.96 | 12.73 | 1.50 | 17.54 | 15.58 | 1.54 | 21.19 | 19.28 | 1.59 | 24.86 | 24.86 | 1.65 | 28.67 | 28.67 | 1.72 | 32.64 | 32.64 | 1.78 |
| | 925 | 10.74 | 9.87 | 1.45 | 14.37 | 13.10 | 1.48 | 18.04 | 16.02 | 1.51 | 21.80 | 19.83 | 1.54 | 25.60 | 25.60 | 1.58 | 29.61 | 29.61 | 1.62 | 33.76 | 33.76 | 1.67 |
| | 1050 | 10.95 | 10.06 | 1.46 | 14.62 | 13.33 | 1.48 | 18.33 | 16.28 | 1.51 | 22.15 | 20.15 | 1.53 | 26.05 | 26.05 | 1.56 | 30.02 | 30.02 | 1.59 | 34.28 | 34.28 | 1.63 |
| **70** | 750 | 9.81 | 9.01 | 1.54 | 13.38 | 12.20 | 1.58 | 16.96 | 15.06 | 1.63 | 20.59 | 18.74 | 1.68 | 24.26 | 24.26 | 1.74 | 27.98 | 27.98 | 1.81 | 31.95 | 31.95 | 1.88 |
| | 925 | 10.15 | 9.32 | 1.54 | 13.80 | 12.58 | 1.57 | 17.47 | 15.52 | 1.60 | 21.21 | 19.31 | 1.64 | 25.00 | 25.00 | 1.67 | 28.97 | 28.97 | 1.73 | 32.99 | 32.99 | 1.76 |
| | 1050 | 10.36 | 9.52 | 1.55 | 14.05 | 12.81 | 1.57 | 17.77 | 15.78 | 1.60 | 21.57 | 19.63 | 1.62 | 25.42 | 25.42 | 1.65 | 29.38 | 29.38 | 1.68 | 33.54 | 33.54 | 1.72 |
| **75** | 750 | 9.15 | 8.41 | 1.63 | 12.75 | 11.63 | 1.68 | 16.35 | 14.52 | 1.72 | 19.97 | 18.18 | 1.78 | 23.64 | 23.64 | 1.84 | 27.32 | 27.32 | 1.91 | 31.30 | 31.30 | 1.99 |
| | 925 | 9.49 | 8.72 | 1.63 | 13.18 | 12.01 | 1.66 | 16.87 | 14.98 | 1.69 | 20.60 | 18.75 | 1.73 | 24.39 | 24.39 | 1.77 | 28.26 | 28.26 | 1.82 | 32.24 | 32.24 | 1.85 |
| | 1050 | 9.71 | 8.92 | 1.64 | 13.44 | 12.25 | 1.67 | 17.17 | 15.25 | 1.69 | 20.96 | 19.08 | 1.72 | 24.80 | 24.80 | 1.75 | 28.76 | 28.76 | 1.78 | 32.79 | 32.79 | 1.81 |

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | –3 | | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† |
| | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | | TOTAL | INTEG* | |
| **25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section – High Stage** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **65** | 900 | 12.84 | 11.82 | 1.77 | 16.67 | 15.31 | 1.89 | 20.77 | 18.94 | 2.02 | 25.19 | 22.37 | 2.16 | 30.23 | 27.51 | 2.33 | 35.71 | 35.71 | 2.52 | 41.61 | 41.61 | 2.70 | 48.35 | 48.35 | 2.98 |
| | 1050 | 13.09 | 12.04 | 1.77 | 16.96 | 15.58 | 1.88 | 21.12 | 19.26 | 1.99 | 25.65 | 22.78 | 2.12 | 30.80 | 28.03 | 2.27 | 36.20 | 36.20 | 2.40 | 42.19 | 42.19 | 2.59 | 46.81 | 46.81 | 2.73 |
| | 1200 | 13.33 | 12.26 | 1.79 | 17.23 | 15.83 | 1.89 | 21.44 | 19.55 | 1.99 | 26.05 | 23.14 | 2.11 | 31.29 | 28.47 | 2.24 | 36.50 | 36.50 | 2.35 | 41.36 | 41.36 | 2.49 | 42.06 | 42.06 | 2.48 |
| **70** | 900 | 12.39 | 11.40 | 1.87 | 16.21 | 14.90 | 2.00 | 20.31 | 18.51 | 2.13 | 24.71 | 21.95 | 2.28 | 29.58 | 26.92 | 2.44 | 35.06 | 35.06 | 2.65 | 40.92 | 40.92 | 2.84 | 47.59 | 47.59 | 3.12 |
| | 1050 | 12.65 | 11.63 | 1.87 | 16.52 | 15.18 | 1.98 | 20.68 | 18.85 | 2.10 | 25.14 | 22.33 | 2.23 | 30.23 | 27.51 | 2.38 | 35.68 | 35.68 | 2.54 | 41.55 | 41.55 | 2.71 | 47.37 | 47.37 | 2.92 |
| | 1200 | 12.90 | 11.86 | 1.89 | 16.80 | 15.44 | 1.99 | 21.00 | 19.15 | 2.10 | 25.53 | 22.67 | 2.22 | 30.71 | 27.94 | 2.36 | 36.00 | 36.00 | 2.48 | 41.82 | 41.82 | 2.65 | 43.35 | 43.35 | 2.67 |
| **75** | 900 | 11.88 | 10.93 | 1.97 | 15.72 | 14.44 | 2.10 | 19.81 | 18.06 | 2.24 | 24.22 | 21.51 | 2.39 | 28.99 | 26.38 | 2.57 | 34.44 | 34.44 | 2.78 | 40.25 | 40.25 | 2.99 | 46.84 | 46.84 | 3.27 |
| | 1050 | 12.15 | 11.18 | 1.97 | 16.04 | 14.74 | 2.09 | 20.18 | 18.40 | 2.21 | 24.66 | 21.90 | 2.35 | 29.57 | 26.90 | 2.50 | 35.14 | 35.14 | 2.68 | 40.89 | 40.89 | 2.85 | 47.42 | 47.42 | 3.09 |
| | 1200 | 12.41 | 11.41 | 1.99 | 16.33 | 15.00 | 2.10 | 20.52 | 18.71 | 2.21 | 25.04 | 22.24 | 2.33 | 30.11 | 27.40 | 2.47 | 35.48 | 35.48 | 2.60 | 41.25 | 41.25 | 2.78 | 44.36 | 44.36 | 2.86 |

See notes on pg. 30

# HEAT PUMP HEATING PERFORMANCE CONTINUED

**25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section**

| HEATING INDOOR MODEL | HIGH SPEED CAP. | POWER | LOW SPEED CAP. | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| *FE4ANB006 | 1.00 | 1.00 | 1.00 | 1.00 | |
| FE4AN(B,F)003 | 1.00 | 1.11 | 0.98 | 1.06 | |
| FE4AN(B,F)005 | 1.00 | 1.04 | 1.00 | 1.02 | |
| FE4ANF002 | 1.00 | 1.14 | 0.99 | 1.08 | |
| FE5ANB004 | 0.92 | 1.07 | 0.96 | 1.01 | |
| CAP**3614A** | 1.03 | 1.20 | 1.00 | 1.12 | 58CV(A,X)070-12 |
| CAP**3617A** | 1.01 | 1.15 | 0.99 | 1.10 | 58CV(A,X)070-12 |
| CAP**4817A** | 1.00 | 1.08 | 1.01 | 1.07 | 58CV(A,X)070-12 |
| CNPH*3617A** | 1.00 | 1.17 | 0.99 | 1.11 | 58CV(A,X)070-12 |
| CNPH*4221A** | 1.00 | 1.12 | 0.99 | 1.07 | 58CV(A,X)070-12 |
| CNPH*4821A** | 1.00 | 1.09 | 1.01 | 1.08 | 58CV(A,X)070-12 |
| CNPV*3617A** | 1.01 | 1.16 | 0.99 | 1.11 | 58CV(A,X)070-12 |
| CSPH*3612A** | 1.00 | 1.11 | 1.01 | 1.09 | 58CV(A,X)070-12 |
| CSPH*4212A** | 1.00 | 1.10 | 1.01 | 1.08 | 58CV(A,X)070-12 |
| CSPH*4812A** | 1.00 | 1.09 | 1.01 | 1.08 | 58CV(A,X)070-12 |
| CAP**3617A** | 1.00 | 1.13 | 0.99 | 1.08 | 58CV(A,X)090-16 |
| CAP**4221A** | 1.01 | 1.10 | 0.99 | 1.06 | 58CV(A,X)090-16 |
| CAP**4817A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)090-16 |
| CAP**4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58CV(A,X)090-16 |
| CNPH*3617A** | 1.00 | 1.15 | 0.99 | 1.09 | 58CV(A,X)090-16 |
| CNPH*4221A** | 1.00 | 1.09 | 0.99 | 1.05 | 58CV(A,X)090-16 |
| CNPH*4821A** | 1.00 | 1.07 | 1.00 | 1.04 | 58CV(A,X)090-16 |
| CNPV*3617A** | 1.00 | 1.15 | 0.99 | 1.09 | 58CV(A,X)090-16 |
| CNPV*4821A** | 1.00 | 1.07 | 1.00 | 1.04 | 58CV(A,X)090-16 |
| CSPH*3612A** | 1.00 | 1.09 | 1.00 | 1.06 | 58CV(A,X)090-16 |
| CSPH*4212A** | 1.00 | 1.07 | 1.00 | 1.05 | 58CV(A,X)090-16 |
| CSPH*4812A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)090-16 |
| CAP**3621A** | 1.00 | 1.13 | 0.99 | 1.08 | 58CV(A,X)110-20 |
| CAP**4221A** | 1.00 | 1.11 | 0.99 | 1.07 | 58CV(A,X)110-20 |
| CAP**4817A** | 1.00 | 1.06 | 1.01 | 1.05 | 58CV(A,X)110-20 |
| CAP**4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58CV(A,X)110-20 |
| CAP**4824A** | 1.00 | 1.07 | 1.00 | 1.05 | 58CV(A,X)110-20 |
| CNPH*3617A** | 1.00 | 1.15 | 0.99 | 1.10 | 58CV(A,X)110-20 |
| CNPH*4221A** | 1.00 | 1.09 | 0.98 | 1.04 | 58CV(A,X)110-20 |
| CNPH*4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58CV(A,X)110-20 |
| CNPV*3621A** | 1.00 | 1.15 | 0.99 | 1.09 | 58CV(A,X)110-20 |
| CNPV*4221A** | 1.00 | 1.09 | 0.98 | 1.04 | 58CV(A,X)110-20 |
| CNPV*4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58CV(A,X)110-20 |
| CNPV*4824A** | 1.00 | 1.07 | 1.00 | 1.05 | 58CV(A,X)110-20 |
| CSPH*3612A** | 1.00 | 1.09 | 1.00 | 1.07 | 58CV(A,X)110-20 |
| CSPH*4212A** | 1.00 | 1.07 | 1.00 | 1.06 | 58CV(A,X)110-20 |
| CSPH*4812A** | 1.00 | 1.06 | 1.00 | 1.05 | 58CV(A,X)110-20 |
| CAP**4224A** | 1.00 | 1.09 | 0.99 | 1.06 | 58CV(A,X)135-22 |
| CAP**4821A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)135-22 |
| CAP**4824A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)135-22 |
| CNPH*3617A** | 1.00 | 1.14 | 0.99 | 1.09 | 58CV(A,X)135-22 |
| CNPH*4221A** | 1.00 | 1.08 | 0.98 | 1.03 | 58CV(A,X)135-22 |
| CNPH*4821A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)135-22 |
| CNPV*4821A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)135-22 |
| CNPV*4824A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)135-22 |
| CSPH*3612A** | 1.00 | 1.08 | 1.00 | 1.06 | 58CV(A,X)135-22 |
| CSPH*4212A** | 1.00 | 1.06 | 1.00 | 1.05 | 58CV(A,X)135-22 |
| CSPH*4812A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)135-22 |
| CAP**4224A** | 1.00 | 1.09 | 0.99 | 1.05 | 58CV(A,X)155-22 |
| CAP**4821A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)155-22 |
| CAP**4824A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)155-22 |
| CNPH*3617A** | 1.00 | 1.13 | 0.98 | 1.07 | 58CV(A,X)155-22 |
| CNPH*4221A** | 1.00 | 1.07 | 0.98 | 1.03 | 58CV(A,X)155-22 |
| CNPH*4821A** | 1.00 | 1.05 | 1.00 | 1.03 | 58CV(A,X)155-22 |
| CNPV*4821A** | 1.00 | 1.05 | 1.00 | 1.03 | 58CV(A,X)155-22 |
| CNPV*4824A** | 1.00 | 1.05 | 1.00 | 1.03 | 58CV(A,X)155-22 |
| CSPH*3612A** | 1.00 | 1.07 | 0.99 | 1.05 | 58CV(A,X)155-22 |
| CSPH*4212A** | 1.00 | 1.06 | 1.00 | 1.04 | 58CV(A,X)155-22 |
| CSPH*4812A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)155-22 |
| CAP**4224A** | 1.00 | 1.13 | 1.00 | 1.09 | 58MVB040-14 |
| CAP**4821A** | 1.00 | 1.09 | 1.00 | 1.06 | 58MVB040-14 |
| CAP**4824A** | 1.00 | 1.09 | 1.01 | 1.07 | 58MVB040-14 |
| CNPH*3617A** | 1.00 | 1.17 | 0.99 | 1.11 | 58MVB040-14 |
| CNPH*4221A** | 1.00 | 1.11 | 0.99 | 1.06 | 58MVB040-14 |
| CNPH*4821A** | 1.00 | 1.09 | 1.00 | 1.06 | 58MVB040-14 |
| CNPV*4821A** | 1.00 | 1.09 | 1.01 | 1.07 | 58MVB040-14 |
| CNPV*4824A** | 1.00 | 1.09 | 1.01 | 1.07 | 58MVB040-14 |
| CSPH*3612A** | 1.00 | 1.11 | 1.00 | 1.08 | 58MVB040-14 |
| CSPH*4212A** | 1.00 | 1.09 | 1.01 | 1.08 | 58MVB040-14 |
| CSPH*4812A** | 1.00 | 1.08 | 1.01 | 1.07 | 58MVB040-14 |
| CAP**3617A** | 1.02 | 1.17 | 0.99 | 1.09 | 58MVB060-14 |
| CAP**4817A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB060-14 |
| CAP**4821A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB060-14 |
| CNPH*3617A** | 1.00 | 1.16 | 0.99 | 1.10 | 58MVB060-14 |
| CNPH*4221A** | 1.00 | 1.10 | 0.99 | 1.06 | 58MVB060-14 |
| CNPH*4821A** | 1.00 | 1.08 | 1.00 | 1.05 | 58MVB060-14 |
| CNPV*3617A** | 1.00 | 1.16 | 0.99 | 1.10 | 58MVB060-14 |
| CNPV*4821A** | 1.00 | 1.08 | 1.00 | 1.05 | 58MVB060-14 |
| CSPH*3612A** | 1.00 | 1.10 | 1.00 | 1.07 | 58MVB060-14 |
| CSPH*4212A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB060-14 |
| CSPH*4812A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB060-14 |
| CAP**3621A** | 1.00 | 1.15 | 0.99 | 1.09 | 58MVB080-14 |
| CAP**4221A** | 1.00 | 1.13 | 1.00 | 1.09 | 58MVB080-14 |
| CAP**4817A** | 1.00 | 1.08 | 1.01 | 1.06 | 58MVB080-14 |
| CAP**4821A** | 1.00 | 1.09 | 1.00 | 1.06 | 58MVB080-14 |
| CAP**4824A** | 1.00 | 1.09 | 1.00 | 1.06 | 58MVB080-14 |
| CNPH*3617A** | 1.00 | 1.17 | 0.99 | 1.11 | 58MVB080-14 |
| CNPH*4221A** | 1.00 | 1.11 | 0.99 | 1.06 | 58MVB080-14 |
| CNPH*4821A** | 1.00 | 1.09 | 1.00 | 1.06 | 58MVB080-14 |
| CNPV*3621A** | 1.00 | 1.17 | 0.99 | 1.10 | 58MVB080-14 |
| CNPV*4221A** | 1.00 | 1.11 | 0.99 | 1.06 | 58MVB080-14 |
| CNPV*4821A** | 1.00 | 1.09 | 1.00 | 1.06 | 58MVB080-14 |
| CNPV*4824A** | 1.00 | 1.09 | 1.00 | 1.06 | 58MVB080-14 |
| CSPH*3612A** | 1.00 | 1.11 | 1.00 | 1.08 | 58MVB080-14 |
| CSPH*4212A** | 1.00 | 1.09 | 1.01 | 1.07 | 58MVB080-14 |
| CSPH*4812A** | 1.00 | 1.09 | 1.01 | 1.07 | 58MVB080-14 |
| CAP**3621A** | 1.00 | 1.14 | 0.99 | 1.09 | 58MVB080-20 |
| CAP**4221A** | 1.00 | 1.12 | 1.00 | 1.09 | 58MVB080-20 |
| CAP**4817A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB080-20 |
| CAP**4821A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB080-20 |
| CAP**4824A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB080-20 |
| CNPH*3617A** | 1.00 | 1.16 | 0.99 | 1.11 | 58MVB080-20 |
| CNPH*4221A** | 1.00 | 1.11 | 0.99 | 1.06 | 58MVB080-20 |
| CNPH*4821A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB080-20 |
| CNPV*3621A** | 1.00 | 1.16 | 0.99 | 1.10 | 58MVB080-20 |
| CNPV*4221A** | 1.00 | 1.11 | 0.99 | 1.06 | 58MVB080-20 |
| CNPV*4821A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB080-20 |
| CNPV*4824A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB080-20 |
| CSPH*3612A** | 1.00 | 1.10 | 1.00 | 1.08 | 58MVB080-20 |
| CSPH*4212A** | 1.00 | 1.09 | 1.01 | 1.08 | 58MVB080-20 |
| CSPH*4812A** | 1.00 | 1.08 | 1.01 | 1.07 | 58MVB080-20 |
| CAP**3621A** | 1.00 | 1.13 | 0.99 | 1.08 | 58MVB100-20 |
| CAP**4221A** | 1.00 | 1.12 | 0.99 | 1.07 | 58MVB100-20 |
| CAP**4817A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB100-20 |
| CAP**4821A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB100-20 |
| CAP**4824A** | 1.00 | 1.07 | 1.00 | 1.06 | 58MVB100-20 |
| CNPH*3617A** | 1.00 | 1.16 | 0.99 | 1.10 | 58MVB100-20 |
| CNPH*4221A** | 1.00 | 1.09 | 0.99 | 1.06 | 58MVB100-20 |
| CNPH*4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB100-20 |
| CNPV*3621A** | 1.00 | 1.15 | 0.99 | 1.10 | 58MVB100-20 |
| CNPV*4221A** | 1.00 | 1.09 | 0.99 | 1.06 | 58MVB100-20 |
| CNPV*4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB100-20 |
| CNPV*4824A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB100-20 |
| CSPH*3612A** | 1.00 | 1.10 | 1.00 | 1.07 | 58MVB100-20 |
| CSPH*4212A** | 1.00 | 1.08 | 1.00 | 1.06 | 58MVB100-20 |
| CSPH*4812A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB100-20 |
| CAP**4224A** | 1.00 | 1.11 | 0.99 | 1.07 | 58MVB120-20 |

See notes on pg. 30

# HEAT PUMP HEATING PERFORMANCE CONTINUED

**25HNA936A30 Outdoor Section With FE4ANB006 Indoor Section (Cont.)**

| HEATING INDOOR MODEL | HIGH SPEED CAP. | POWER | LOW SPEED CAP. | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| CAP**4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB120-20 |
| CAP**4824A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB120-20 |
| CNPH*3617A** | 1.00 | 1.15 | 0.99 | 1.09 | 58MVB120-20 |
| CNPH*4221A** | 1.00 | 1.09 | 0.99 | 1.06 | 58MVB120-20 |
| CNPH*4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB120-20 |
| CNPV*4821A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB120-20 |
| CNPV*4824A** | 1.00 | 1.07 | 1.00 | 1.05 | 58MVB120-20 |
| CSPH*3612A** | 1.00 | 1.09 | 1.00 | 1.07 | 58MVB120-20 |
| CSPH*4212A** | 1.00 | 1.07 | 1.00 | 1.06 | 58MVB120-20 |
| CSPH*4812A** | 1.00 | 1.06 | 1.00 | 1.05 | 58MVB120-20 |

See notes on pg. 30

# HEAT PUMP HEATING PERFORMANCE CONTINUED

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† | CAPACITY MBTUH | | TOTAL SYSTEM KW† |
| | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | | TOTAL | INTEG‡ | |
| **25HNA948A30 Outdoor Section With FE5ANB006 Indoor Section – Low Stage** | | | | | | | | | | | | | | | | | | | | | | |
| **65** | 950 | 15.95 | 14.65 | 2.03 | 20.31 | 18.52 | 2.11 | 24.78 | 22.01 | 2.19 | 29.34 | 26.70 | 2.29 | 34.11 | 34.11 | 2.40 | 39.08 | 39.08 | 2.50 | 44.51 | 44.51 | 2.66 |
| | 1120 | 16.26 | 14.95 | 2.03 | 20.67 | 18.85 | 2.09 | 25.21 | 22.39 | 2.15 | 29.84 | 27.15 | 2.23 | 34.80 | 34.80 | 2.32 | 39.74 | 39.74 | 2.39 | 45.28 | 45.28 | 2.52 |
| | 1300 | 16.60 | 15.25 | 2.05 | 21.04 | 19.18 | 2.10 | 25.61 | 22.75 | 2.15 | 30.30 | 27.57 | 2.21 | 35.16 | 35.16 | 2.26 | 40.22 | 40.22 | 2.34 | 43.82 | 43.82 | 2.41 |
| **70** | 950 | 15.42 | 14.17 | 2.16 | 19.82 | 18.07 | 2.24 | 24.29 | 21.57 | 2.33 | 28.84 | 26.25 | 2.43 | 33.51 | 33.51 | 2.54 | 38.49 | 38.49 | 2.65 | 43.77 | 43.77 | 2.81 |
| | 1120 | 15.75 | 14.48 | 2.16 | 20.20 | 18.42 | 2.22 | 24.73 | 21.96 | 2.29 | 29.36 | 26.72 | 2.36 | 34.20 | 34.20 | 2.46 | 39.11 | 39.11 | 2.53 | 44.56 | 44.56 | 2.66 |
| | 1300 | 16.10 | 14.80 | 2.18 | 20.56 | 18.74 | 2.23 | 25.13 | 22.32 | 2.28 | 29.83 | 27.14 | 2.34 | 34.69 | 34.69 | 2.40 | 39.63 | 39.63 | 2.47 | 44.54 | 44.54 | 2.57 |
| **75** | 950 | 14.84 | 13.63 | 2.29 | 19.28 | 17.58 | 2.38 | 23.75 | 21.09 | 2.47 | 28.33 | 25.78 | 2.57 | 32.94 | 32.94 | 2.69 | 37.90 | 37.90 | 2.82 | 43.01 | 43.01 | 2.97 |
| | 1120 | 15.18 | 13.95 | 2.29 | 19.67 | 17.93 | 2.36 | 24.21 | 21.50 | 2.43 | 28.84 | 26.24 | 2.51 | 33.57 | 33.57 | 2.60 | 38.52 | 38.52 | 2.68 | 43.84 | 43.84 | 2.81 |
| | 1300 | 15.54 | 14.28 | 2.31 | 20.06 | 18.29 | 2.37 | 24.65 | 21.89 | 2.42 | 29.32 | 26.69 | 2.49 | 34.19 | 34.19 | 2.56 | 39.03 | 39.03 | 2.62 | 44.36 | 44.36 | 2.73 |

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES DEG F | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | –3 | | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† | CAPACITY MBTUH | | TOTAL SYS-TEM KW† |
| | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | |
| **25HNA948A30 Outdoor Section With FE4ANB006 Indoor Section – High Stage** | | | | | | | | | | | | | | | | | | | | | | | | |
| **65** | 1200 | 16.47 | 15.15 | 2.20 | 21.31 | 19.58 | 2.41 | 26.76 | 24.40 | 2.65 | 33.09 | 29.39 | 2.91 | 40.39 | 36.76 | 3.21 | 48.26 | 48.26 | 3.50 | 57.25 | 57.25 | 3.88 | 62.45 | 62.45 | 4.12 |
| | 1400 | 16.81 | 15.46 | 2.23 | 21.70 | 19.94 | 2.43 | 27.20 | 24.80 | 2.66 | 33.71 | 29.94 | 2.90 | 40.78 | 37.11 | 3.14 | 48.52 | 48.52 | 3.44 | 52.64 | 52.64 | 3.61 | 55.24 | 55.24 | 3.73 |
| | 1600 | 17.17 | 15.80 | 2.29 | 22.10 | 20.31 | 2.49 | 27.66 | 25.22 | 2.70 | 34.27 | 30.44 | 2.94 | 41.09 | 37.39 | 3.16 | 46.20 | 46.20 | 3.37 | 48.24 | 48.24 | 3.47 | 50.06 | 50.06 | 3.57 |
| **70** | 1200 | 16.09 | 14.80 | 2.30 | 20.90 | 19.21 | 2.53 | 26.34 | 24.01 | 2.77 | 32.49 | 28.86 | 3.04 | 39.78 | 36.20 | 3.36 | 47.58 | 47.58 | 3.66 | 56.52 | 56.52 | 4.05 | 62.78 | 62.78 | 4.35 |
| | 1400 | 16.44 | 15.12 | 2.33 | 21.31 | 19.58 | 2.55 | 26.80 | 24.44 | 2.78 | 33.09 | 29.39 | 3.03 | 40.30 | 36.67 | 3.29 | 48.00 | 48.00 | 3.59 | 53.93 | 53.93 | 3.84 | 56.68 | 56.68 | 3.97 |
| | 1600 | 16.82 | 15.47 | 2.40 | 21.73 | 19.97 | 2.60 | 27.27 | 24.86 | 2.82 | 33.71 | 29.94 | 3.07 | 40.66 | 37.00 | 3.31 | 47.33 | 47.33 | 3.56 | 49.61 | 49.61 | 3.68 | 51.73 | 51.73 | 3.79 |
| **75** | 1200 | 15.64 | 14.39 | 2.41 | 20.45 | 18.79 | 2.64 | 25.87 | 23.59 | 2.90 | 31.91 | 28.34 | 3.18 | 39.10 | 35.58 | 3.50 | 46.89 | 46.89 | 3.82 | 55.77 | 55.77 | 4.23 | 63.34 | 63.34 | 4.60 |
| | 1400 | 16.01 | 14.73 | 2.44 | 20.87 | 19.18 | 2.66 | 26.36 | 24.03 | 2.91 | 32.52 | 28.88 | 3.17 | 39.76 | 36.18 | 3.45 | 47.41 | 47.41 | 3.75 | 54.85 | 54.85 | 4.07 | 57.84 | 57.84 | 4.21 |
| | 1600 | 16.40 | 15.09 | 2.50 | 21.31 | 19.58 | 2.72 | 26.84 | 24.47 | 2.95 | 33.11 | 29.41 | 3.20 | 40.20 | 36.58 | 3.45 | 47.62 | 47.62 | 3.74 | 50.79 | 50.79 | 3.90 | 53.13 | 53.13 | 4.02 |

See notes on pg. 30

# HEAT PUMP HEATING PERFORMANCE CONTINUED

**25HNA948A30 Outdoor Section With FE4ANB006 Indoor Section**

| HEATING INDOOR MODEL | HIGH SPEED CAP. | POWER | LOW SPEED CAP. | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| *FE4ANB006 | 1.00 | 1.00 | 1.00 | 1.00 | |
| FE4AN(B,F)005 | 1.00 | 1.03 | 1.00 | 1.03 | |
| CAP**4817A** | 1.00 | 1.05 | 1.01 | 1.06 | 58CV(A,X)090–16 |
| CAP**4821A** | 1.00 | 1.05 | 1.01 | 1.06 | 58CV(A,X)090–16 |
| CAP**6021A** | 1.00 | 1.04 | 1.01 | 1.04 | 58CV(A,X)090–16 |
| CNPH*4821A** | 1.00 | 1.06 | 1.01 | 1.06 | 58CV(A,X)090–16 |
| CNPH*6024A** | 1.00 | 1.05 | 1.01 | 1.04 | 58CV(A,X)090–16 |
| CNPV*4821A** | 1.00 | 1.05 | 1.01 | 1.06 | 58CV(A,X)090–16 |
| CSPH*4812A** | 1.00 | 1.06 | 1.01 | 1.05 | 58CV(A,X)090–16 |
| CSPH*6012A** | 1.00 | 1.04 | 1.01 | 1.04 | 58CV(A,X)090–16 |
| CAP**4821A** | 1.00 | 1.06 | 1.01 | 1.06 | 58CV(A,X)110–20 |
| CAP**6021A** | 1.00 | 1.05 | 1.01 | 1.04 | 58CV(A,X)110–20 |
| CNPH*4821A** | 1.00 | 1.06 | 1.01 | 1.06 | 58CV(A,X)110–20 |
| CNPH*6024A** | 1.00 | 1.04 | 1.01 | 1.04 | 58CV(A,X)110–20 |
| CNPV*4821A** | 1.00 | 1.06 | 1.01 | 1.06 | 58CV(A,X)110–20 |
| CSPH*4812A** | 1.00 | 1.05 | 1.01 | 1.06 | 58CV(A,X)110–20 |
| CSPH*6012A** | 1.00 | 1.03 | 1.01 | 1.04 | 58CV(A,X)110–20 |
| CAP**4824A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)135–22 |
| CAP**6024A** | 1.00 | 1.04 | 1.01 | 1.03 | 58CV(A,X)135–22 |

See notes on pg. 30

| HEATING INDOOR MODEL | HIGH SPEED CAPAC-ITY | POWER | LOW SPEED CAPAC-ITY | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| CNPH*4821A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)135–22 |
| CNPH*6024A** | 1.00 | 1.04 | 1.00 | 1.03 | 58CV(A,X)135–22 |
| CNPV*4824A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)135–22 |
| CNPV*6024A** | 1.00 | 1.04 | 1.00 | 1.03 | 58CV(A,X)135–22 |
| CSPH*4812A** | 1.00 | 1.04 | 1.01 | 1.04 | 58CV(A,X)135–22 |
| CSPH*6012A** | 1.00 | 1.02 | 1.01 | 1.03 | 58CV(A,X)135–22 |
| CAP**4824A** | 1.00 | 1.04 | 1.00 | 1.04 | 58CV(A,X)155–22 |
| CAP**6024A** | 1.00 | 1.03 | 1.01 | 1.03 | 58CV(A,X)155–22 |
| CNPH*4821A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)155–22 |
| CNPH*6024A** | 1.00 | 1.03 | 1.00 | 1.02 | 58CV(A,X)155–22 |
| CNPV*4824A** | 1.00 | 1.05 | 1.00 | 1.04 | 58CV(A,X)155–22 |
| CNPV*6024A** | 1.00 | 1.03 | 1.00 | 1.02 | 58CV(A,X)155–22 |
| CSPH*4812A** | 1.00 | 1.04 | 1.01 | 1.04 | 58CV(A,X)155–22 |
| CSPH*6012A** | 1.00 | 1.02 | 1.01 | 1.02 | 58CV(A,X)155–22 |
| CAP**4821A** | 1.00 | 1.07 | 1.01 | 1.07 | 58MVB080–20 |
| CAP**6021A** | 1.00 | 1.06 | 1.01 | 1.06 | 58MVB080–20 |
| CNPH*4821A** | 1.00 | 1.07 | 1.01 | 1.07 | 58MVB080–20 |
| CNPH*6024A** | 1.00 | 1.06 | 1.01 | 1.06 | 58MVB080–20 |

| HEATING INDOOR MODEL | HIGH SPEED CAPAC-ITY | POWER | LOW SPEED CAPAC-ITY | POWER | FURNACE MODEL |
|---|---|---|---|---|---|
| CNPV*4821A** | 1.00 | 1.07 | 1.01 | 1.07 | 58MVB080–20 |
| CSPH*4812A** | 1.00 | 1.06 | 1.01 | 1.07 | 58MVB080–20 |
| CSPH*6012A** | 1.00 | 1.05 | 1.01 | 1.06 | 58MVB080–20 |
| CAP**4821A** | 1.00 | 1.06 | 1.01 | 1.07 | 58MVB100–20 |
| CAP**6021A** | 1.02 | 1.08 | 1.01 | 1.04 | 58MVB100–20 |
| CNPH*4821A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB100–20 |
| CNPH*6024A** | 1.00 | 1.05 | 1.01 | 1.05 | 58MVB100–20 |
| CNPV*4821A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB100–20 |
| CSPH*4812A** | 1.00 | 1.06 | 1.01 | 1.07 | 58MVB100–20 |
| CSPH*6012A** | 1.00 | 1.04 | 1.01 | 1.04 | 58MVB100–20 |
| CAP**4824A** | 1.00 | 1.06 | 1.01 | 1.06 | 58MVB120–20 |
| CAP**6024A** | 1.00 | 1.05 | 1.01 | 1.04 | 58MVB120–20 |
| CNPH*4821A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB120–20 |
| CNPH*6024A** | 1.00 | 1.05 | 1.01 | 1.04 | 58MVB120–20 |
| CNPV*4824A** | 1.00 | 1.07 | 1.01 | 1.06 | 58MVB120–20 |
| CNPV*6024A** | 1.00 | 1.05 | 1.01 | 1.04 | 58MVB120–20 |
| CSPH*4812A** | 1.00 | 1.06 | 1.01 | 1.05 | 58MVB120–20 |
| CSPH*6012A** | 1.00 | 1.04 | 1.01 | 1.04 | 58MVB120–20 |

# HEAT PUMP HEATING PERFORMANCE CONTINUED

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | Capacity MBtuh | | Total System KW† | Capacity MBtuh | | Total System KW† | Capacity MBtuh | | Total System KW† | Capacity MBtuh | | Total System KW† | Capacity MBtuh | | Total System KW† | Capacity MBtuh | | Total System KW† | Capacity MBtuh | | Total System KW† |
| | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | |
| 25HNA960A30 Outdoor Section With FE4ANB006 Indoor Section – Low Stage | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 1200 | 21.02 | 19.32 | 2.74 | 25.78 | 23.50 | 2.82 | 30.98 | 27.52 | 2.91 | 36.60 | 33.31 | 3.02 | 42.92 | 42.92 | 3.15 | 49.54 | 49.54 | 3.25 | 57.07 | 57.07 | 3.43 |
| | 1400 | 21.40 | 19.67 | 2.75 | 26.20 | 23.89 | 2.81 | 31.46 | 27.94 | 2.88 | 37.15 | 33.80 | 2.96 | 43.52 | 43.52 | 3.04 | 50.19 | 50.19 | 3.14 | 57.82 | 57.82 | 3.29 |
| | 1600 | 21.82 | 20.05 | 2.80 | 26.65 | 24.30 | 2.85 | 31.94 | 28.37 | 2.90 | 37.70 | 34.31 | 2.97 | 43.98 | 43.98 | 3.02 | 50.69 | 50.69 | 3.11 | 56.63 | 56.63 | 3.20 |
| 70 | 1200 | 20.61 | 18.94 | 2.92 | 25.36 | 23.12 | 3.01 | 30.56 | 27.14 | 3.10 | 36.15 | 32.90 | 3.21 | 42.29 | 42.29 | 3.34 | 48.96 | 48.96 | 3.45 | 56.35 | 56.35 | 3.64 |
| | 1400 | 21.01 | 19.30 | 2.93 | 25.80 | 23.52 | 3.00 | 31.05 | 27.58 | 3.07 | 36.71 | 33.41 | 3.15 | 43.00 | 43.00 | 3.25 | 49.58 | 49.58 | 3.33 | 57.09 | 57.09 | 3.48 |
| | 1600 | 21.44 | 19.70 | 2.98 | 26.25 | 23.93 | 3.03 | 31.53 | 28.00 | 3.09 | 37.26 | 33.90 | 3.15 | 43.48 | 43.48 | 3.21 | 50.12 | 50.12 | 3.30 | 57.54 | 57.54 | 3.42 |
| 75 | 1200 | 20.14 | 18.51 | 3.11 | 24.90 | 22.71 | 3.20 | 30.09 | 26.73 | 3.30 | 35.68 | 32.47 | 3.42 | 41.70 | 41.70 | 3.55 | 48.39 | 48.39 | 3.66 | 55.59 | 55.59 | 3.86 |
| | 1400 | 20.55 | 18.89 | 3.12 | 25.36 | 23.12 | 3.19 | 30.60 | 27.18 | 3.26 | 36.25 | 32.98 | 3.35 | 42.42 | 42.42 | 3.46 | 49.01 | 49.01 | 3.53 | 56.34 | 56.34 | 3.69 |
| | 1600 | 21.00 | 19.30 | 3.17 | 25.83 | 23.55 | 3.22 | 31.12 | 27.64 | 3.28 | 36.80 | 33.49 | 3.35 | 43.00 | 43.00 | 3.42 | 49.62 | 49.62 | 3.49 | 56.89 | 56.89 | 3.62 |

| INDOOR AIR | | OUTDOOR COIL ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | –3 | | | 7 | | | 17 | | | 27 | | | 37 | | | 47 | | | 57 | | | 67 | | |
| EDB | CFM | Capacity MBtuh | | Total Sys-tem KW† | Capacity MBtuh | | Total Sys-tem KW† | Capacity MBtuh | | Total Sys-tem KW† | Capacity MBtuh | | Total Sys-tem KW† | Capacity MBtuh | | Total Sys-tem KW† | Capacity MBtuh | | Total Sys-tem KW† | Capacity MBtuh | | Total Sys-tem KW† | Capacity MBtuh | | Total Sys-tem KW† |
| | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | | Total | Integ‡ | |
| 25HNA960A30 Outdoor Section With FE4ANB006 Indoor Section – High Stage | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 1500 | 24.45 | 22.50 | 3.13 | 30.02 | 27.59 | 3.39 | 36.13 | 32.94 | 3.66 | 43.28 | 38.44 | 3.97 | 51.09 | 46.49 | 4.29 | 59.27 | 59.27 | 4.64 | 68.24 | 68.24 | 5.07 | 72.82 | 72.82 | 5.29 |
| | 1750 | 25.02 | 23.02 | 3.20 | 30.63 | 28.15 | 3.45 | 36.83 | 33.58 | 3.70 | 44.10 | 39.16 | 3.99 | 51.59 | 46.95 | 4.25 | 59.44 | 59.44 | 4.58 | 63.60 | 63.60 | 4.76 | 65.79 | 65.79 | 4.86 |
| | 2000 | 25.68 | 23.62 | 3.33 | 31.31 | 28.78 | 3.57 | 37.59 | 34.27 | 3.81 | 44.82 | 39.81 | 4.07 | 51.97 | 47.30 | 4.32 | 57.31 | 57.31 | 4.54 | 59.08 | 59.08 | 4.62 | 60.70 | 60.70 | 4.70 |
| 70 | 1500 | 24.08 | 22.15 | 3.29 | 29.64 | 27.24 | 3.56 | 35.72 | 32.57 | 3.85 | 42.75 | 37.97 | 4.17 | 50.51 | 45.97 | 4.51 | 58.65 | 58.65 | 4.86 | 67.58 | 67.58 | 5.31 | 73.13 | 73.13 | 5.60 |
| | 1750 | 24.67 | 22.69 | 3.37 | 30.27 | 27.82 | 3.62 | 36.40 | 33.19 | 3.89 | 43.55 | 38.68 | 4.19 | 51.11 | 46.51 | 4.46 | 59.00 | 59.00 | 4.80 | 64.72 | 64.72 | 5.06 | 67.19 | 67.19 | 5.17 |
| | 2000 | 25.33 | 23.31 | 3.50 | 30.97 | 28.46 | 3.74 | 37.14 | 33.86 | 3.99 | 44.41 | 39.44 | 4.28 | 51.61 | 46.96 | 4.53 | 58.42 | 58.42 | 4.81 | 60.46 | 60.46 | 4.91 | 62.29 | 62.29 | 4.99 |
| 75 | 1500 | 23.64 | 21.75 | 3.46 | 29.20 | 26.83 | 3.74 | 35.29 | 32.17 | 4.04 | 42.05 | 37.35 | 4.37 | 49.94 | 45.45 | 4.75 | 57.99 | 57.99 | 5.10 | 66.86 | 66.86 | 5.56 | 74.00 | 74.00 | 5.95 |
| | 1750 | 24.25 | 22.31 | 3.53 | 29.85 | 27.43 | 3.80 | 35.99 | 32.81 | 4.08 | 42.92 | 38.12 | 4.38 | 50.61 | 46.05 | 4.68 | 58.49 | 58.49 | 5.03 | 65.67 | 65.67 | 5.37 | 68.29 | 68.29 | 5.49 |
| | 2000 | 24.93 | 22.94 | 3.67 | 30.57 | 28.10 | 3.92 | 36.73 | 33.49 | 4.18 | 43.85 | 38.95 | 4.48 | 51.16 | 46.56 | 4.74 | 58.71 | 58.71 | 5.06 | 61.69 | 61.69 | 5.20 | 63.70 | 63.70 | 5.30 |

# HEAT PUMP HEATING PERFORMANCE CONTINUED

**25HNA960A30 Outdoor Section With FE4ANB006 Indoor Section**

| Heating Indoor Model | High Speed Cap. | Power | Low Speed Cap. | Power | Furnace Model |
|---|---|---|---|---|---|
| *FE4ANB006 | 1.00 | 1.00 | 1.00 | 1.00 | |
| CNPH*6024A** | 1.02 | 1.06 | 1.00 | 1.05 | 58CV(A,X)110–20 |
| CSPH*6012A** | 1.02 | 1.04 | 1.00 | 1.03 | 58CV(A,X)110–20 |
| CAP**6024A** | 1.01 | 1.05 | 1.00 | 1.04 | 58CV(A,X)135–22 |
| CNPH*6024A** | 1.02 | 1.05 | 1.00 | 1.04 | 58CV(A,X)135–22 |
| CNPV*6024A** | 1.02 | 1.05 | 1.00 | 1.04 | 58CV(A,X)135–22 |
| CSPH*6012A** | 1.02 | 1.03 | 1.00 | 1.03 | 58CV(A,X)135–22 |
| CAP**6024A** | 1.00 | 1.03 | 1.00 | 1.03 | 58CV(A,X)155–22 |
| CNPH*6024A** | 1.02 | 1.05 | 1.00 | 1.03 | 58CV(A,X)155–22 |
| CNPV*6024A** | 1.02 | 1.05 | 1.00 | 1.03 | 58CV(A,X)155–22 |
| CSPH*6012A** | 1.02 | 1.03 | 1.00 | 1.02 | 58CV(A,X)155–22 |
| CAP**6021A** | 1.02 | 1.09 | 1.00 | 1.06 | 58MVB080–20 |
| CNPH*6024A** | 1.03 | 1.11 | 1.00 | 1.06 | 58MVB080–20 |
| CSPH*6012A** | 1.02 | 1.07 | 1.01 | 1.06 | 58MVB080–20 |
| CAP**6021A** | 1.02 | 1.08 | 1.00 | 1.05 | 58MVB100–20 |
| CNPH*6024A** | 1.02 | 1.08 | 1.00 | 1.06 | 58MVB100–20 |
| CSPH*6012A** | 1.02 | 1.06 | 1.00 | 1.05 | 58MVB100–20 |
| CAP**6024A** | 1.02 | 1.08 | 1.00 | 1.05 | 58MVB120–20 |
| CNPH*6024A** | 1.02 | 1.07 | 1.00 | 1.05 | 58MVB120–20 |
| CNPV*6024A** | 1.02 | 1.07 | 1.00 | 1.05 | 58MVB120–20 |
| CSPH*6012A** | 1.02 | 1.05 | 1.00 | 1.04 | 58MVB120–20 |



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

† The kW values include the compressor, outdoor fan motor, and indoor blower motor. The kW from supplement heaters should be added to these values to obtain total system kilowatts.

‡ The Btuh heating capacity values shown are net integrated values from which the defrost effect has been subtracted. The Btuh heating from supplement heaters should be added to those values to obtain total system capacity.

* Tested Combination

**EDB** — Entering Dry Bulb

# GUIDE SPECIFICATIONS
# GENERAL

**System Description**

Outdoor-mounted, air-cooled, split-system heat pump 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 240.
- — 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 are pressure tested and the outdoor units are leak 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 heat pump 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 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.
- — Condenser fan motors will be electronic ECM motors that provide multi-speed operation with enhanced low-speed efficiencies and sound levels.
- — Shafts will be corrosion resistant.
- — 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, POE compressor oil, accumulator, and reversing valve.
- — Unit will be equipped with high pressure switch, loss of charge 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.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