

## EFFICIENT UP TO 17 SEER / 13 EER AIR CONDITIONER

### ENVIRONMENTALLY BALANCED R-410A REFRIGERANT

### 2 THRU 5 TONS SPLIT SYSTEM

**208/230 Volt, 1-phase, 60 Hz**  
**REFRIGERATION CIRCUIT**

- 2-stage scroll compressors on all models
- Filter-Drier supplied with every unit for field installation
- Copper tube / aluminum fin coil

#### EASY TO INSTALL AND SERVICE

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

#### BUILT TO LAST

- Baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) grille spacing for extra protection (hail guard)

#### LIMITED WARRANTY\*

- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- \* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.



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



This product has been designed and manufactured to meet ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacturer's refrigerant charging and air flow instructions. Failure to confirm proper charge and airflow may reduce energy efficiency and shorten equipment life.

| Model Number | Size (tons) | Nominal BTU/hr | Min. Circuit Ampacity | Max. Fuse or Breaker | Operating Dimensions depth x width x height in. (mm) | Ship / Operating Weight lbs.(kg) |
|--------------|-------------|----------------|-----------------------|----------------------|------------------------------------------------------|----------------------------------|
| N4A724GKA    | 2           | 24,000         | 14.5                  | 20                   | 31- 3/16 x 31- 3/6 x 32- 1/2<br>(792 x 792 x 901)    | 206/167 (93/76)                  |
| N4A736GKA    | 3           | 36,000         | 19.8                  | 35                   | 31- 3/16 x 31- 3/6 x 32- 1/2<br>(792 x 792 x 901)    | 230/191(104/87)                  |
| N4A748GKA    | 4           | 48,000         | 27.8                  | 40                   | 35 x 35 x 38- 7/8<br>(889 x 889 x 988)               | 295/253 (134/115)                |
| N4A760GKA    | 5           | 60,000         | 37.3                  | 60                   | 35 x 35 x 38- 7/8<br>(889 x 889 x 988)               | 299/258 (136/117)                |

| OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE    |   |   |   |   |      |   |   |   |    |    |    |
|---------------------------------------------------|---|---|---|---|------|---|---|---|----|----|----|
| Digit Position:                                   | 1 | 2 | 3 | 4 | 5, 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Example Part Number:                              | N | 4 | A | 7 | 24   | G | K | A | 1  | 0  | 0  |
| H = Arcoaire Mainline                             |   |   |   |   |      |   |   |   |    |    |    |
| N = Arcoaire Entry <b>BRANDING</b>                |   |   |   |   |      |   |   |   |    |    |    |
| 4 = R- 410A <b>REFRIGERANT</b>                    |   |   |   |   |      |   |   |   |    |    |    |
| A = Air Conditioner                               |   |   |   |   |      |   |   |   |    |    |    |
| H = Heat Pump <b>TYPE</b>                         |   |   |   |   |      |   |   |   |    |    |    |
| 7 = 17 SEER <b>NOMINAL EFFICIENCY</b>             |   |   |   |   |      |   |   |   |    |    |    |
| 24 = 24,000 BTUH = 2 tons                         |   |   |   |   |      |   |   |   |    |    |    |
| 36 = 36,000 BTUH = 3 tons                         |   |   |   |   |      |   |   |   |    |    |    |
| 48 = 48,000 BTUH = 4 tons <b>NOMINAL CAPACITY</b> |   |   |   |   |      |   |   |   |    |    |    |
| 60 = 60,000 BTUH = 5 tons                         |   |   |   |   |      |   |   |   |    |    |    |
| G = Coil Guard Grille                             |   |   |   |   |      |   |   |   |    |    |    |
| K = 208/230- 1- 60                                |   |   |   |   |      |   |   |   |    |    |    |
| Sales Code                                        |   |   |   |   |      |   |   |   |    |    |    |
| Engineering Revision                              |   |   |   |   |      |   |   |   |    |    |    |
| Extra Digit                                       |   |   |   |   |      |   |   |   |    |    |    |
| Extra Digit                                       |   |   |   |   |      |   |   |   |    |    |    |

| ACCESSORIES PART NUMBER IDENTIFICATION GUIDE |   |   |   |   |   |      |      |        |  |
|----------------------------------------------|---|---|---|---|---|------|------|--------|--|
| Digit Position:                              | 1 | 2 | 3 | 4 | 5 | 6, 7 | 8, 9 | 10, 11 |  |
| Example Part Number:                         | N | A | S | A | 0 | 0 1  | 01   | CH     |  |
| N = Non- Branded <b>BRANDING</b>             |   |   |   |   |   |      |      |        |  |
| A = Accessory <b>PRODUCT GROUP</b>           |   |   |   |   |   |      |      |        |  |
| S = Split System (AC & HP) <b>KIT USAGE</b>  |   |   |   |   |   |      |      |        |  |
| A = Original                                 |   |   |   |   |   |      |      |        |  |
| B = 2nd Generation <b>MAJOR SERIES</b>       |   |   |   |   |   |      |      |        |  |
| 0 = Generic or Not Applicable                |   |   |   |   |   |      |      |        |  |
| 4 = R- 410A <b>REFRIGERANT</b>               |   |   |   |   |   |      |      |        |  |
| Product Identifier Number                    |   |   |   |   |   |      |      |        |  |
| Package Quantity                             |   |   |   |   |   |      |      |        |  |
| Type of Kit (Example: CH = Crankcase Heater) |   |   |   |   |   |      |      |        |  |

## PHYSICAL DATA

| UNIT SIZE                  | 24                           | 36          | 48           | 60           |
|----------------------------|------------------------------|-------------|--------------|--------------|
| Compressor Type            | Scroll                       |             |              |              |
| REFRIGERANT                | R- 410A                      |             |              |              |
| Control                    | TXV (R- 410A Hard Shutoff)   |             |              |              |
| Charge lb (kg)             | 6.64 (3.01)                  | 9.26 (4.20) | 12.94 (5.87) | 12.70 (5.76) |
| COND FAN                   | Propeller Type, Direct Drive |             |              |              |
| Air Discharge              | Vertical                     |             |              |              |
| Air Qty (CFM)              | 2481                         | 3068        | 4700         | 4700         |
| Motor HP                   | 1/12                         | 1/10        | 1/4          | 1/4          |
| Motor RPM                  | 800                          | 810         | 800          | 800          |
| COND COIL                  |                              |             |              |              |
| Face Area (Sq ft)          | 19.38                        | 19.38       | 25.12        | 25.12        |
| Fins per In.               | 25                           | 25          | 20           | 20           |
| Rows                       | 1                            | 1           | 2            | 2            |
| Circuits                   | 5                            | 4           | 7            | 7            |
| VALVE CONNECT. (In. ID)    |                              |             |              |              |
| Vapor                      | 3/4"                         | 7/8"        | 7/8"         | 7/8"         |
| Liquid                     | 3/8"                         | 3/8"        | 3/8"         | 3/8"         |
| REFRIGERANT TUBES (In. OD) |                              |             |              |              |
| Rated Vapor*               | 3/4"                         | 7/8"        | 1 - 1/8"     | 1 - 1/8"     |
| Max Liquid Line            | 3/8"                         | 3/8"        | 3/8"         | 3/8"         |

\* Units are rated with 25 ft (7.6 m) of lineset length. See Vapor Line Sizing and Cooling Capacity Loss table when using other sizes and lengths of lineset. **Note:** See unit Installation Instruction for proper installation.

† See Liquid Line Sizing For Cooling Only Systems with R- 410A Refrigerant tables.

## ELECTRICAL DATA

| UNIT SIZE | V/PH- Hz       | OPERATING VOLTS* |     | COMPRESSOR |      | FAN  | MCA  | MAX FUSE† or<br>CKT BRK AMPS |
|-----------|----------------|------------------|-----|------------|------|------|------|------------------------------|
|           |                | MAX              | MIN | LRA        | RLA  | FLA  |      |                              |
| 24        | 208/230/1 - 60 | 253              | 197 | 58.3       | 11.1 | 0.60 | 14.5 | 20                           |
| 36        |                |                  |     | 83.0       | 15.3 | 0.70 | 19.8 | 35                           |
| 48        |                |                  |     | 104.0      | 21.2 | 1.30 | 27.8 | 40                           |
| 60        |                |                  |     | 152.9      | 28.8 | 1.30 | 37.3 | 60                           |

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

† Time- Delay fuse.

FLA - Full Load Amps

LRA - Locked Rotor Amps

MCA - Minimum Circuit Amps

RLA - Rated Load Amps

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

All motors/compressors contain internal overload protection.

Complies with 2010 requirements of ASHRAE Standards 90.1

## A-WEIGHTED SOUND POWER (dBA)

| Unit Size | Standard Rating (dBA) | TYPICAL OCTAVE BAND SPECTRUM<br>(dBA, without tone adjustment) |      |      |      |      |      |
|-----------|-----------------------|----------------------------------------------------------------|------|------|------|------|------|
|           |                       | 125                                                            | 250  | 500  | 1000 | 2000 | 8000 |
| 24        | 73 - High Stage       | 49.0                                                           | 58.0 | 66.5 | 69.5 | 64.0 | 57.5 |
|           | 74 - Low Stage        | 52.0                                                           | 59.5 | 67.0 | 69.5 | 64.0 | 55.0 |
| 36        | 74 - High Stage       | 53.5                                                           | 61.5 | 68.0 | 71.0 | 65.0 | 57.5 |
|           | 74 - Low Stage        | 54.0                                                           | 61.5 | 67.5 | 68.0 | 64.5 | 56.0 |
| 48        | 75 - High Stage       | 54.5                                                           | 59.5 | 67.0 | 68.0 | 63.0 | 53.5 |
|           | 74 - Low Stage        | 55.5                                                           | 61.5 | 67.0 | 66.0 | 62.5 | 55.0 |
| 60        | 75 - High Stage       | 54.0                                                           | 59.0 | 65.5 | 71.0 | 64.0 | 57.5 |
|           | 74 - Low Stage        | 55.0                                                           | 61.5 | 65.5 | 69.5 | 64.5 | 59.0 |

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

## A-WEIGHTED SOUND POWER LEVEL (dBA) WITH SOUND SHIELD

| Unit Size | Standard Rating (dBA) | TYPICAL OCTAVE BAND SPECTRUM<br>(dBA, without tone adjustment) |      |      |      |      |      |
|-----------|-----------------------|----------------------------------------------------------------|------|------|------|------|------|
|           |                       | 125                                                            | 250  | 500  | 1000 | 2000 | 8000 |
| 24        | 72 - High Stage       | 50.5                                                           | 57.5 | 66.0 | 68.0 | 63.5 | 54.5 |
|           | 73 - Low Stage        | 53.0                                                           | 59.0 | 66.5 | 68.0 | 63.5 | 53.5 |
| 36        | 72 - High Stage       | 55.0                                                           | 60.5 | 66.5 | 68.0 | 64.5 | 54.0 |
|           | 72 - Low Stage        | 55.5                                                           | 61.0 | 67.0 | 67.5 | 64.5 | 54.0 |
| 48        | 72 - High Stage       | 54.5                                                           | 59.5 | 66.5 | 67.0 | 62.0 | 52.5 |
|           | 71 - Low Stage        | 55.0                                                           | 60.5 | 66.0 | 65.0 | 62.0 | 53.0 |
| 60        | 74 - High Stage       | 55.5                                                           | 59.5 | 65.5 | 69.5 | 63.0 | 57.0 |
|           | 72 - Low Stage        | 56.5                                                           | 61.0 | 65.5 | 68.0 | 63.5 | 55.0 |

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

## METERING DEVICE

| UNIT SIZE - SERIES | INDOOOR TXV* | REQUIRED SUBCOOLING °F (°C) |
|--------------------|--------------|-----------------------------|
| 24                 |              | 10.0 (5.6)                  |
| 36                 |              | 14.0 (7.8)                  |
| 48                 |              | 13.0 (7.2)                  |
| 60                 |              | 14.0 (7.8)                  |

\* TXV must be ordered separately when indoor coil is not equipped with a TXV. TXV must be hard-shutoff type.

### REFRIGERANT CHARGE ADJUSTMENTS

| Liquid Line Size | R- 410A Charge oz/ft                        |
|------------------|---------------------------------------------|
| 3/8              | 0.60<br>(Factory charge for lineset = 9 oz) |
| 5/16             | 0.40                                        |
| 1/4              | 0.27                                        |

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

#### Charging Formula:

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

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

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

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

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

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

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

## LONG LINE APPLICATIONS

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

#### AC with R-410A Refrigerant Long Line Description ft (m) Beyond these lengths, a TXV is required

| Total Length                        | Outdoor Unit Above or Below Indoor Unit |
|-------------------------------------|-----------------------------------------|
| TXV required beyond 50 ft. (15.2 m) | TXV required beyond 20 ft. (6.1 m)      |

#### AC with R-410A Refrigerant Long Line Description ft (m) (Beyond these lengths, long line accessories are required)

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

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

## VAPOR LINE SIZING AND COOLING CAPACITY LOSS

Acceptable vapor line diameters provide adequate oil return to the compressor while avoiding excessive capacity loss. The suction line diameters shown in the chart below are acceptable for AC systems with R-410A refrigerant:

| Unit<br>Nominal<br>Size (Btuh) | Maximum<br>Liquid Line<br>Diameters<br>(In. OD) | Vapor Line<br>Diameters<br>(In. OD) | Cooling Capacity Loss (%)<br>Total Equivalent Line Length ft. (m) |                        |                         |                          |                          |                          |                          |                          |                          |
|--------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                |                                                 |                                     | 26- 50<br>(7.9- 15.2)                                             | 51- 80<br>(15.5- 24.4) | 81- 100<br>(24.7- 30.5) | 101- 125<br>(30.8- 38.1) | 126- 150<br>(38.4- 45.7) | 151- 175<br>(46.0- 53.3) | 176- 200<br>(53.6- 61.0) | 201- 225<br>(61.3- 68.6) | 226- 250<br>(68.9- 76.2) |
| 24000<br>AC with<br>R- 410A    | 3/8                                             | 5/8                                 | 0                                                                 | 1                      | 2                       | 2                        | 3                        | 3                        | 4                        | 5                        | 5                        |
|                                |                                                 | 3/4                                 | 0                                                                 | 0                      | 1                       | 1                        | 1                        | 1                        | 1                        | 2                        | 2                        |
|                                |                                                 | 7/8                                 | 0                                                                 | 0                      | 0                       | 0                        | 0                        | 1                        | 1                        | 1                        | 1                        |
| 36000<br>AC with<br>R- 410A    | 3/8                                             | 5/8                                 | 1                                                                 | 2                      | 4                       | 5                        | 6                        | 8                        | 9                        | 10                       | 12                       |
|                                |                                                 | 3/4                                 | 0                                                                 | 1                      | 1                       | 2                        | 2                        | 3                        | 3                        | 4                        | 4                        |
|                                |                                                 | 7/8                                 | 0                                                                 | 0                      | 0                       | 1                        | 1                        | 1                        | 1                        | 2                        | 2                        |
| 48000<br>AC with<br>R- 410A    | 3/8                                             | 3/4                                 | 0                                                                 | 1                      | 2                       | 3                        | 4                        | 5                        | 5                        | 6                        | 7                        |
|                                |                                                 | 7/8                                 | 0                                                                 | 0                      | 1                       | 1                        | 2                        | 2                        | 2                        | 3                        | 3                        |
|                                |                                                 | 1 1/8                               | 0                                                                 | 0                      | 0                       | 0                        | 0                        | 0                        | 0                        | 1                        | 1                        |
| 60000<br>AC with<br>R- 410A    | 3/8                                             | 3/4                                 | 1                                                                 | 2                      | 4                       | 5                        | 6                        | 7                        | 9                        | 10                       | 11                       |
|                                |                                                 | 7/8                                 | 0                                                                 | 1                      | 2                       | 2                        | 3                        | 4                        | 4                        | 5                        | 5                        |
|                                |                                                 | 1 1/8                               | 0                                                                 | 0                      | 0                       | 1                        | 1                        | 1                        | 1                        | 1                        | 1                        |

Consult the Long Line Application Guideline document before purchasing/installing line sets.

Applications in shaded area may have height restrictions that limit allowable total equivalent length when outdoor unit is below indoor unit.

| UNIT SIZE | INDOOR MODEL     | AHRI STANDARD RATINGS |        |      |      |         |      |
|-----------|------------------|-----------------------|--------|------|------|---------|------|
|           |                  | CAPACITY              |        | EER  | SEER | ID SCFM |      |
|           |                  | HIGH                  | LOW    |      |      | HIGH    | LOW  |
| 24        | EN(A,D)4X31L17** | 25,000                | 21,200 | 12.2 | 14.0 | 800     | 680  |
| 36        | EA*4X37L21A*     | 36,800                | 30,200 | 12.2 | 14.0 | 1050    | 840  |
| 48        | EA*4X61L24A*     | 48,500                | 40,500 | 12.5 | 15.0 | 1400    | 1120 |
| 60        | EA*4X61L24A*     | 56,500                | 47,000 | 12.0 | 14.5 | 1625    | 1300 |

**AHRI** — Air Conditioning, Heating & Refrigeration Institute

**EER** — Energy Efficiency Ratio - 80°F (26.6°C) indoor db/67°F (19.4°C) indoor wb & 95°F (35°C) outdoor wb.

**SEER** — Seasonal Energy Efficiency Ratio

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

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

**NOTES:**

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

**TESTED AHRI COMBINATION RATINGS\***

NOTE: Ratings contained in this document are subject to change at any time.

For AHRI ratings certificates, please refer to the AHRI directory. [www.ahridirectory.org](http://www.ahridirectory.org)

Additional ratings and system combinations can be accessed via the Arcoaire database:

<http://www.icpeqp.com/AHRIratings/ratings.aspx?Brand=Arcoaire>

Or scan this QR code:



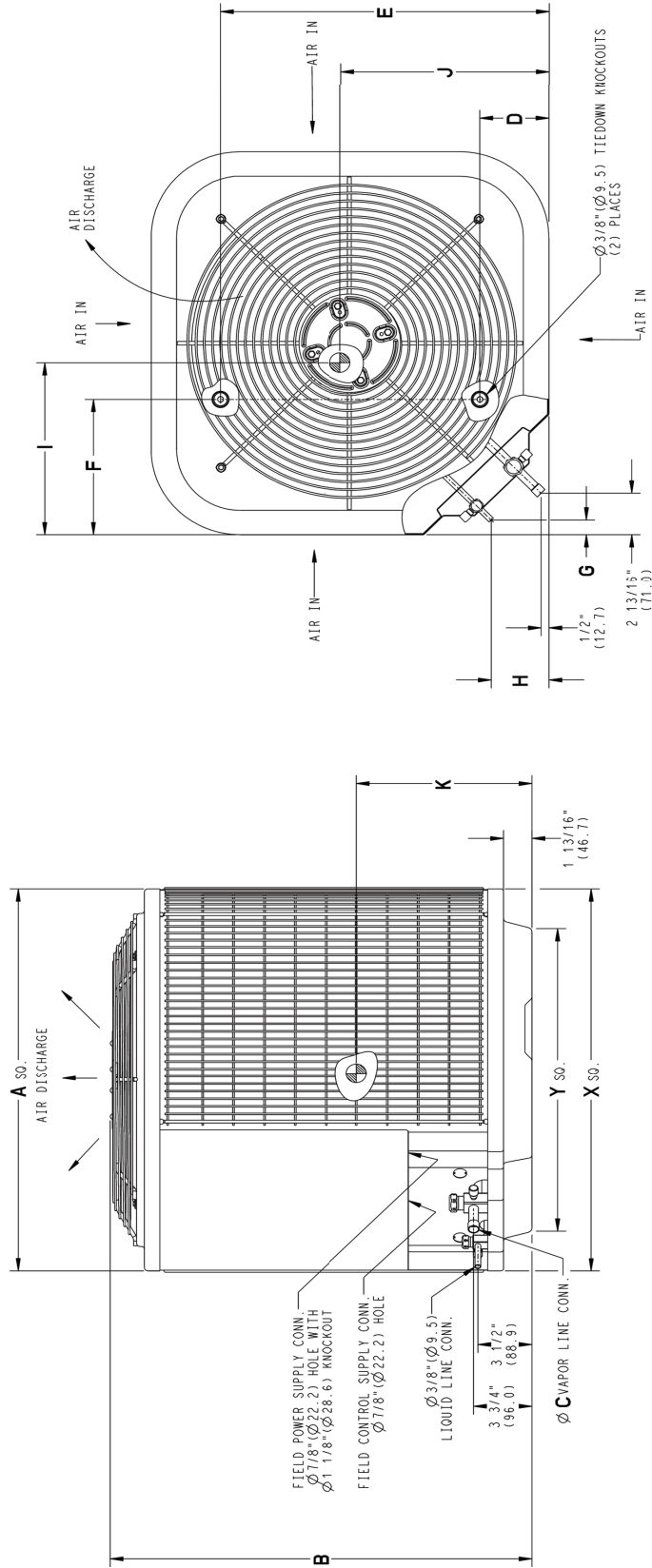
# DIMENSIONS

| UNIT | SERIES | ELECTRICAL CHARACTERISTICS |    |      |    | A    |    | B    |    | C    |    | D    |    | E    |    | F    |    | G    |    | H    |    | I    |    | J    |    | K    |    | OPERATING WEIGHT |     | SHIPPING WEIGHT |     | SHIPPING LENGTH / WIDTH (Sq.) |    | SHIPPING HEIGHT |    |
|------|--------|----------------------------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------------------|-----|-----------------|-----|-------------------------------|----|-----------------|----|
|      |        | INCH                       | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | Lbs              | Kgs | Lbs             | Kgs | INCH                          | MM | INCH            | MM |

|              |   |   |   |   |   |    |       |    |       |     |      |   |       |    |       |   |       |      |     |   |      |    |       |    |       |    |       |     |       |     |       |    |       |    |        |
|--------------|---|---|---|---|---|----|-------|----|-------|-----|------|---|-------|----|-------|---|-------|------|-----|---|------|----|-------|----|-------|----|-------|-----|-------|-----|-------|----|-------|----|--------|
| N4A724GKA101 | 1 | Y | N | N | N | 31 | 792.5 | 35 | 901.4 | 3/4 | 19.1 | 6 | 166.1 | 24 | 626.3 | 9 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 16 | 406.4 | 15 | 383.7 | 16 | 406.4 | 167 | 75.7  | 206 | 93.4  | 33 | 846.6 | 40 | 1015.8 |
| N4A736GKA101 | 1 | Y | N | N | N | 31 | 792.5 | 35 | 901.4 | 7/8 | 22.2 | 6 | 166.1 | 24 | 626.3 | 9 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 15 | 400.1 | 15 | 383.7 | 15 | 381.0 | 191 | 86.6  | 230 | 104.3 | 33 | 846.6 | 40 | 1015.8 |
| N4A748GKA101 | 1 | Y | N | N | N | 35 | 889.0 | 38 | 987.8 | 7/8 | 22.2 | 6 | 166.1 | 28 | 722.8 | 9 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 18 | 469.9 | 16 | 419.1 | 17 | 431.8 | 253 | 114.8 | 295 | 133.8 | 37 | 943.1 | 43 | 1102.2 |
| N4A760GKA101 | 1 | Y | N | N | N | 35 | 889.0 | 38 | 987.8 | 7/8 | 22.2 | 6 | 166.1 | 28 | 722.8 | 9 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 17 | 450.9 | 16 | 419.1 | 17 | 431.8 | 258 | 117.0 | 299 | 135.6 | 37 | 943.1 | 43 | 1102.2 |

Y=YES  
N=NO

|              |          |          |
|--------------|----------|----------|
| 208-230-1-60 | 460-3-60 | 575-3-60 |
|--------------|----------|----------|



| UNIT SIZE | "X"                                                   |      | "Y"                                                      |    |       |       |
|-----------|-------------------------------------------------------|------|----------------------------------------------------------|----|-------|-------|
|           | MINIMUM GROUND MOUNTING<br>PAD APPLICATION DIMENSIONS |      | MINIMUM ROOF-TOP MOUNTINGS<br>PAD APPLICATION DIMENSIONS |    |       |       |
| -         | 23                                                    | 1/8  | 587.3                                                    | 17 | 7/8   | 454.6 |
| 24.36     | 25                                                    | 3/4  | 654.0                                                    | 20 | 7/16  | 518.5 |
| 48.60     | 31                                                    | 3/16 | 792.5                                                    | 22 | 15/16 | 583.2 |
|           | 35                                                    |      | 889.0                                                    | 26 | 3/4   | 679.7 |

NOTE: ALL DIMENSIONS IN INCH (MM)

U.S. ECCN: Not Subject to Regulation (N.S.R.)

SD5319- 4 REV A

DETAILED COOLING CAPACITIES#

| EVAPORATOR AIR                                                    |                  |                |                   | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |                   |                |                   |                |                   |                |                   |                |                   |                |                   |            |       |       |      |
|-------------------------------------------------------------------|------------------|----------------|-------------------|---------------------------------------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|------------|-------|-------|------|
| CFM                                                               | EWB<br>° F (° C) | 75 (23.9)      |                   | 85 (29.4)                                   |                   |                | 95 (35)           |                |                   | 105 (40.6)     |                   |                | 115 (46.1)        |                |                   | 125 (51.7) |       |       |      |
|                                                                   |                  | Capacity MBtuh | Total 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          | Sens†             | Total                                       | Sens†             | Total          | Sens†             | Total          | Sens†             | Total          | Sens†             | Total          | Sens†             | Total          | Sens†             | Total      | Sens† |       |      |
| N4A724GKA Outdoor Section With EN(A,D)X3117** Indoor Section High |                  |                |                   |                                             |                   |                |                   |                |                   |                |                   |                |                   |                |                   |            |       |       |      |
| 600                                                               | 57 (13.9)        | 22.30          | 22.30             | 1.61                                        | 21.56             | 21.56          | 1.77              | 20.75          | 20.75             | 1.95           | 19.87             | 19.87          | 2.16              | 18.91          | 18.91             | 2.41       | 17.90 | 17.90 | 2.71 |
|                                                                   | 62 (16.7)        | 23.76          | 20.20             | 1.62                                        | 22.78             | 19.73          | 1.78              | 21.72          | 19.22             | 1.96           | 20.59             | 18.68          | 2.17              | 19.38          | 18.12             | 2.41       | 18.12 | 17.52 | 2.71 |
|                                                                   | 63 (17.2)††      | 24.22          | 16.66             | 1.62                                        | 23.22             | 16.19          | 1.78              | 22.14          | 15.68             | 1.96           | 20.97             | 15.15          | 2.17              | 19.73          | 14.58             | 2.42       | 18.41 | 14.00 | 2.71 |
|                                                                   | 67 (19.4)        | 26.19          | 17.29             | 1.63                                        | 25.11             | 16.81          | 1.79              | 23.94          | 16.31             | 1.97           | 22.69             | 15.77          | 2.18              | 21.36          | 15.21             | 2.43       | 19.98 | 14.64 | 2.72 |
|                                                                   | 72 (22.2)        | 28.90          | 14.31             | 1.65                                        | 27.71             | 13.84          | 1.80              | 26.43          | 13.33             | 1.98           | 25.06             | 12.81          | 2.19              | 23.62          | 12.26             | 2.44       | 22.10 | 11.69 | 2.74 |
| 650                                                               | 57 (13.9)        | 22.98          | 22.98             | 1.63                                        | 22.20             | 22.20          | 1.79              | 21.35          | 21.35             | 1.97           | 20.42             | 20.42          | 2.18              | 19.43          | 19.43             | 2.43       | 18.37 | 18.37 | 2.73 |
|                                                                   | 62 (16.7)        | 24.16          | 21.11             | 1.64                                        | 23.17             | 20.63          | 1.80              | 22.08          | 20.11             | 1.98           | 20.90             | 19.56          | 2.19              | 19.68          | 18.98             | 2.43       | 18.79 | 17.66 | 2.73 |
|                                                                   | 63 (17.2)††      | 24.61          | 17.28             | 1.64                                        | 23.58             | 16.80          | 1.80              | 22.46          | 16.28             | 1.98           | 21.26             | 15.74          | 2.19              | 19.98          | 15.17             | 2.44       | 18.63 | 14.57 | 2.73 |
|                                                                   | 67 (19.4)        | 26.60          | 17.94             | 1.66                                        | 25.48             | 17.46          | 1.81              | 24.27          | 16.95             | 1.99           | 22.99             | 16.40          | 2.20              | 21.62          | 15.84             | 2.45       | 20.20 | 15.25 | 2.74 |
|                                                                   | 72 (22.2)        | 29.33          | 14.74             | 1.67                                        | 28.10             | 14.25          | 1.82              | 26.78          | 13.72             | 2.00           | 25.37             | 13.19          | 2.21              | 23.88          | 12.64             | 2.46       | 22.32 | 12.07 | 2.76 |
| 700                                                               | 57 (13.9)        | 23.59          | 23.59             | 1.66                                        | 22.78             | 22.78          | 1.81              | 21.89          | 21.89             | 1.99           | 20.92             | 20.92          | 2.21              | 19.89          | 19.89             | 2.46       | 18.79 | 18.79 | 2.75 |
|                                                                   | 62 (16.7)        | 24.52          | 22.00             | 1.66                                        | 23.50             | 21.51          | 1.82              | 22.38          | 20.98             | 2.00           | 21.19             | 20.42          | 2.21              | 20.37          | 19.03             | 2.46       | 18.82 | 18.82 | 2.75 |
|                                                                   | 63 (17.2)††      | 24.95          | 17.87             | 1.66                                        | 23.88             | 17.38          | 1.82              | 22.73          | 16.86             | 2.00           | 21.50             | 16.31          | 2.21              | 20.19          | 15.74             | 2.46       | 18.82 | 15.14 | 2.75 |
|                                                                   | 67 (19.4)        | 26.95          | 18.58             | 1.68                                        | 25.79             | 18.09          | 1.83              | 24.56          | 17.57             | 2.01           | 23.24             | 17.02          | 2.22              | 21.84          | 16.45             | 2.47       | 20.38 | 15.86 | 2.76 |
|                                                                   | 72 (22.2)        | 29.70          | 15.12             | 1.69                                        | 28.43             | 14.63          | 1.84              | 27.08          | 14.12             | 2.02           | 25.63             | 13.57          | 2.23              | 24.11          | 13.01             | 2.48       | 22.51 | 12.43 | 2.78 |
| 750                                                               | 57 (13.9)        | 24.15          | 24.15             | 1.68                                        | 23.31             | 23.31          | 1.84              | 22.38          | 22.38             | 2.02           | 21.38             | 21.38          | 2.23              | 20.30          | 20.30             | 2.48       | 19.16 | 19.16 | 2.78 |
|                                                                   | 62 (16.7)        | 24.84          | 22.86             | 1.68                                        | 23.79             | 22.36          | 1.84              | 22.66          | 21.82             | 2.02           | 21.47             | 21.22          | 2.23              | 20.34          | 20.34             | 2.48       | 19.20 | 19.20 | 2.78 |
|                                                                   | 63 (17.2)††      | 25.24          | 18.45             | 1.69                                        | 24.14             | 17.96          | 1.84              | 22.96          | 17.43             | 2.02           | 21.70             | 16.88          | 2.23              | 20.37          | 16.29             | 2.48       | 18.97 | 15.69 | 2.77 |
|                                                                   | 67 (19.4)        | 27.24          | 19.20             | 1.70                                        | 26.06             | 18.71          | 1.85              | 24.80          | 18.18             | 2.03           | 23.45             | 17.63          | 2.24              | 22.02          | 17.05             | 2.49       | 20.53 | 16.45 | 2.78 |
|                                                                   | 72 (22.2)        | 30.01          | 15.50             | 1.71                                        | 28.71             | 15.01          | 1.86              | 27.32          | 14.48             | 2.04           | 25.84             | 13.94          | 2.25              | 24.29          | 13.37             | 2.50       | 22.66 | 12.78 | 2.80 |
| 800                                                               | 57 (13.9)        | 24.66          | 24.66             | 1.70                                        | 23.78             | 23.78          | 1.86              | 22.82          | 22.82             | 2.04           | 21.79             | 21.79          | 2.25              | 20.68          | 20.68             | 2.50       | 19.50 | 19.50 | 2.80 |
|                                                                   | 62 (16.7)        | 25.13          | 23.70             | 1.70                                        | 24.06             | 23.19          | 1.86              | 22.94          | 22.61             | 2.04           | 22.00             | 21.45          | 2.25              | 20.71          | 20.71             | 2.50       | 19.53 | 19.53 | 2.80 |
|                                                                   | 63 (17.2)††      | 25.49          | 19.02             | 1.71                                        | 24.37             | 18.52          | 1.86              | 23.16          | 17.99             | 2.04           | 21.88             | 17.42          | 2.25              | 20.52          | 16.84             | 2.50       | 19.11 | 16.23 | 2.79 |
|                                                                   | 67 (19.4)        | 27.50          | 19.81             | 1.72                                        | 26.30             | 19.32          | 1.87              | 25.00          | 18.78             | 2.05           | 23.62             | 18.22          | 2.26              | 22.18          | 17.64             | 2.51       | 20.66 | 17.03 | 2.80 |
|                                                                   | 72 (22.2)        | 30.28          | 15.87             | 1.73                                        | 28.94             | 15.37          | 1.88              | 27.52          | 14.84             | 2.06           | 26.02             | 14.29          | 2.27              | 24.44          | 13.72             | 2.52       | 22.79 | 13.13 | 2.82 |
| 855                                                               | 57 (13.9)        | 24.99          | 24.99             | 1.72                                        | 24.09             | 24.09          | 1.87              | 23.10          | 23.10             | 2.05           | 22.05             | 22.05          | 2.26              | 20.92          | 20.92             | 2.51       | 19.72 | 19.72 | 2.81 |
|                                                                   | 62 (16.7)        | 25.34          | 24.28             | 1.72                                        | 24.26             | 23.74          | 1.87              | 23.33          | 22.74             | 2.05           | 22.08             | 22.08          | 2.26              | 20.95          | 20.95             | 2.51       | 19.75 | 19.75 | 2.81 |
|                                                                   | 63 (17.2)††      | 25.64          | 19.41             | 1.72                                        | 24.51             | 18.91          | 1.87              | 23.28          | 18.37             | 2.05           | 21.99             | 17.81          | 2.26              | 20.61          | 17.21             | 2.51       | 19.18 | 16.60 | 2.81 |
|                                                                   | 67 (19.4)        | 27.66          | 20.24             | 1.73                                        | 26.44             | 19.73          | 1.88              | 25.12          | 19.20             | 2.06           | 23.74             | 18.63          | 2.27              | 22.27          | 18.05             | 2.52       | 20.74 | 17.43 | 2.82 |
|                                                                   | 72 (22.2)        | 30.44          | 16.12             | 1.75                                        | 29.09             | 15.82          | 1.90              | 27.65          | 15.09             | 2.08           | 26.13             | 14.53          | 2.29              | 24.53          | 13.96             | 2.54       | 22.86 | 13.36 | 2.83 |
| 900                                                               | 57 (13.9)        | 25.55          | 25.55             | 1.74                                        | 24.61             | 24.61          | 1.90              | 23.59          | 23.59             | 2.08           | 22.49             | 22.49          | 2.29              | 21.32          | 21.32             | 2.54       | 20.08 | 20.08 | 2.84 |
|                                                                   | 62 (16.7)        | 25.89          | 25.27             | 1.74                                        | 24.84             | 24.22          | 1.90              | 23.62          | 23.62             | 2.08           | 22.52             | 22.52          | 2.29              | 21.35          | 21.35             | 2.54       | 20.11 | 20.11 | 2.84 |
|                                                                   | 63 (17.2)††      | 25.89          | 20.12             | 1.75                                        | 24.73             | 19.82          | 1.90              | 23.48          | 19.07             | 2.08           | 22.16             | 18.50          | 2.29              | 20.77          | 17.89             | 2.54       | 19.31 | 17.27 | 2.83 |
|                                                                   | 67 (19.4)        | 27.92          | 21.00             | 1.76                                        | 26.66             | 20.49          | 1.91              | 25.33          | 19.95             | 2.09           | 23.91             | 19.38          | 2.30              | 22.42          | 18.79             | 2.55       | 20.87 | 18.17 | 2.84 |
|                                                                   | 72 (22.2)        | 30.70          | 16.57             | 1.77                                        | 29.32             | 16.07          | 1.92              | 27.85          | 15.53             | 2.10           | 26.30             | 14.98          | 2.31              | 24.67          | 14.40             | 2.56       | 22.98 | 13.80 | 2.86 |

See notes at end of section

DETAILED COOLING CAPACITIES# CONTINUED

| EVAPORATOR AIR                                                      |                  |                |                 | CONDENSER ENTERING AIR TEMPERATURES ° F (° C) |                 |                |                 |                |                 |                |                 |                |                 |                |                 |            |       |       |      |
|---------------------------------------------------------------------|------------------|----------------|-----------------|-----------------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|------------|-------|-------|------|
| CFM                                                                 | EWB<br>° F (° C) | 75 (23.9)      |                 | 85 (29.4)                                     |                 |                | 95 (35)         |                |                 | 105 (40.6)     |                 |                | 115 (46.1)      |                |                 | 125 (51.7) |       |       |      |
|                                                                     |                  | Capacity MBtuh | Total Sys. KW** | Capacity MBtuh                                | Total Sys. KW** | Capacity MBtuh | Total Sys. KW** | Capacity MBtuh | Total Sys. KW** | Capacity MBtuh | Total Sys. KW** | Capacity MBtuh | Total Sys. KW** | Capacity MBtuh | Total Sys. KW** |            |       |       |      |
| N4A724GKA Outdoor Section With EN(A)Dj4X3117** Indoor Section - Low |                  |                |                 |                                               |                 |                |                 |                |                 |                |                 |                |                 |                |                 |            |       |       |      |
| 450                                                                 | 57 (13.9)        | 17.13          | 17.13           | 1.15                                          | 15.55           | 15.55          | 1.29            | 13.98          | 13.98           | 1.46           | 12.43           | 12.43          | 1.65            | 10.95          | 10.95           | 1.86       | 9.54  | 9.54  | 2.10 |
|                                                                     | 62 (16.7)        | 18.23          | 15.64           | 1.14                                          | 16.39           | 14.37          | 1.28            | 14.57          | 13.11           | 1.45           | 12.79           | 11.88          | 1.64            | 11.11          | 10.69           | 1.86       | 9.59  | 9.52  | 2.10 |
|                                                                     | 63 (17.2)†       | 18.60          | 12.88           | 1.13                                          | 16.73           | 11.77          | 1.28            | 14.86          | 10.66           | 1.45           | 13.04           | 9.59           | 1.64            | 11.32          | 8.56            | 1.86       | 9.71  | 7.58  | 2.10 |
|                                                                     | 67 (19.4)        | 20.17          | 13.39           | 1.12                                          | 18.14           | 12.24          | 1.26            | 16.13          | 11.11           | 1.43           | 14.18           | 10.01          | 1.63            | 12.33          | 8.96            | 1.85       | 10.59 | 7.97  | 2.10 |
|                                                                     | 72 (22.2)        | 22.34          | 11.09           | 1.09                                          | 20.09           | 10.07          | 1.24            | 17.89          | 9.07            | 1.41           | 15.75           | 8.11           | 1.61            | 13.73          | 7.20            | 1.84       | 11.82 | 6.34  | 2.09 |
| 500                                                                 | 57 (13.9)        | 17.84          | 17.84           | 1.16                                          | 16.18           | 16.18          | 1.30            | 14.53          | 14.53           | 1.47           | 12.91           | 12.91          | 1.66            | 11.36          | 11.36           | 1.87       | 9.89  | 9.89  | 2.12 |
|                                                                     | 62 (16.7)        | 18.65          | 16.61           | 1.15                                          | 16.76           | 15.27          | 1.30            | 14.88          | 13.95           | 1.47           | 13.06           | 12.65          | 1.66            | 11.37          | 11.37           | 1.87       | 9.91  | 9.91  | 2.12 |
|                                                                     | 63 (17.2)†       | 19.01          | 13.53           | 1.15                                          | 17.08           | 12.37          | 1.29            | 15.15          | 11.22           | 1.46           | 13.29           | 10.10          | 1.66            | 11.52          | 9.03            | 1.87       | 9.86  | 8.02  | 2.12 |
|                                                                     | 67 (19.4)        | 20.60          | 14.09           | 1.13                                          | 18.50           | 12.89          | 1.28            | 16.43          | 11.72           | 1.45           | 14.43           | 10.57          | 1.64            | 12.54          | 9.47            | 1.86       | 10.75 | 8.44  | 2.11 |
|                                                                     | 72 (22.2)        | 22.79          | 11.53           | 1.11                                          | 20.48           | 10.47          | 1.26            | 18.21          | 9.44            | 1.43           | 16.01           | 8.45           | 1.63            | 13.93          | 7.51            | 1.85       | 11.99 | 6.62  | 2.11 |
| 550                                                                 | 57 (13.9)        | 18.47          | 18.47           | 1.17                                          | 16.74           | 16.74          | 1.31            | 15.01          | 15.01           | 1.48           | 13.33           | 13.33          | 1.67            | 11.71          | 11.71           | 1.89       | 10.19 | 10.19 | 2.13 |
|                                                                     | 62 (16.7)        | 19.01          | 17.55           | 1.16                                          | 17.07           | 16.15          | 1.31            | 15.15          | 14.76           | 1.48           | 13.49           | 13.09          | 1.67            | 11.73          | 11.73           | 1.89       | 10.20 | 10.20 | 2.13 |
|                                                                     | 63 (17.2)†       | 19.35          | 14.16           | 1.16                                          | 17.35           | 12.96          | 1.31            | 15.38          | 11.76           | 1.48           | 13.48           | 10.61          | 1.67            | 11.67          | 9.50            | 1.89       | 9.98  | 8.45  | 2.14 |
|                                                                     | 67 (19.4)        | 20.95          | 14.76           | 1.14                                          | 18.79           | 13.52          | 1.29            | 16.67          | 12.30           | 1.46           | 14.63           | 11.12          | 1.66            | 12.69          | 9.98            | 1.88       | 10.88 | 8.90  | 2.13 |
|                                                                     | 72 (22.2)        | 23.16          | 11.94           | 1.12                                          | 20.78           | 10.86          | 1.27            | 18.46          | 9.79            | 1.44           | 16.21           | 8.79           | 1.64            | 14.09          | 7.81            | 1.87       | 12.11 | 6.90  | 2.13 |
| 600                                                                 | 57 (13.9)        | 19.02          | 19.02           | 1.18                                          | 17.22           | 17.22          | 1.33            | 15.43          | 15.43           | 1.50           | 13.69           | 13.69          | 1.69            | 12.02          | 12.02           | 1.90       | 10.45 | 10.45 | 2.15 |
|                                                                     | 62 (16.7)        | 19.33          | 18.46           | 1.18                                          | 17.35           | 16.99          | 1.33            | 15.62          | 15.14           | 1.49           | 13.71           | 13.71          | 1.69            | 12.04          | 12.04           | 1.90       | 10.46 | 10.46 | 2.15 |
|                                                                     | 63 (17.2)†       | 19.62          | 14.78           | 1.18                                          | 17.58           | 13.53          | 1.32            | 15.57          | 12.30           | 1.49           | 13.63           | 11.10          | 1.69            | 11.79          | 9.96            | 1.91       | 10.08 | 8.87  | 2.15 |
|                                                                     | 67 (19.4)        | 21.24          | 15.42           | 1.16                                          | 19.03           | 14.14          | 1.31            | 16.87          | 12.87           | 1.48           | 14.79           | 11.65          | 1.68            | 12.82          | 10.47           | 1.90       | 10.98 | 9.35  | 2.15 |
|                                                                     | 72 (22.2)        | 23.46          | 12.34           | 1.14                                          | 21.03           | 11.23          | 1.29            | 18.65          | 10.15           | 1.46           | 16.37           | 9.11           | 1.66            | 14.22          | 8.11            | 1.89       | 12.20 | 7.17  | 2.14 |
| 650                                                                 | 57 (13.9)        | 19.52          | 19.52           | 1.19                                          | 17.65           | 17.65          | 1.34            | 15.81          | 15.81           | 1.51           | 14.01           | 14.01          | 1.70            | 12.29          | 12.29           | 1.92       | 10.67 | 10.67 | 2.17 |
|                                                                     | 62 (16.7)        | 19.91          | 18.83           | 1.19                                          | 17.81           | 17.43          | 1.34            | 15.83          | 15.83           | 1.51           | 14.03           | 14.03          | 1.70            | 12.31          | 12.31           | 1.92       | 10.69 | 10.69 | 2.17 |
|                                                                     | 63 (17.2)†       | 19.85          | 15.37           | 1.19                                          | 17.77           | 14.09          | 1.34            | 15.73          | 12.82           | 1.51           | 13.76           | 11.58          | 1.70            | 11.91          | 10.40           | 1.92       | 10.16 | 9.27  | 2.17 |
|                                                                     | 67 (19.4)        | 21.47          | 16.07           | 1.17                                          | 19.23           | 14.74          | 1.32            | 17.03          | 13.43           | 1.49           | 14.92           | 12.17          | 1.69            | 12.93          | 10.95           | 1.91       | 11.07 | 9.79  | 2.17 |
|                                                                     | 72 (22.2)        | 23.70          | 12.73           | 1.15                                          | 21.23           | 11.60          | 1.30            | 18.81          | 10.49           | 1.47           | 16.50           | 9.42           | 1.68            | 14.31          | 8.40            | 1.90       | 12.27 | 7.44  | 2.16 |
| 680                                                                 | 57 (13.9)        | 19.78          | 19.78           | 1.20                                          | 17.89           | 17.89          | 1.35            | 16.01          | 16.01           | 1.52           | 14.18           | 14.18          | 1.71            | 12.44          | 12.44           | 1.93       | 10.79 | 10.79 | 2.18 |
|                                                                     | 62 (16.7)        | 20.10          | 19.26           | 1.20                                          | 17.92           | 17.92          | 1.35            | 16.04          | 16.04           | 1.52           | 14.21           | 14.21          | 1.71            | 12.46          | 12.46           | 1.93       | 10.81 | 10.81 | 2.18 |
|                                                                     | 63 (17.2)†       | 19.97          | 15.73           | 1.20                                          | 17.87           | 14.42          | 1.35            | 15.81          | 13.12           | 1.52           | 13.82           | 11.87          | 1.72            | 11.95          | 10.66           | 1.94       | 10.21 | 9.51  | 2.18 |
|                                                                     | 67 (19.4)        | 21.59          | 16.45           | 1.18                                          | 19.33           | 15.10          | 1.33            | 17.11          | 13.77           | 1.50           | 14.99           | 12.48          | 1.70            | 12.98          | 11.24           | 1.93       | 11.11 | 10.05 | 2.18 |
|                                                                     | 72 (22.2)        | 23.83          | 12.96           | 1.16                                          | 21.33           | 11.81          | 1.31            | 18.89          | 10.68           | 1.48           | 16.56           | 9.60           | 1.69            | 14.36          | 8.57            | 1.91       | 12.31 | 7.59  | 2.17 |
| 700                                                                 | 57 (13.9)        | 19.96          | 19.96           | 1.21                                          | 18.04           | 18.04          | 1.35            | 16.14          | 16.14           | 1.52           | 14.29           | 14.29          | 1.72            | 12.53          | 12.53           | 1.94       | 10.87 | 10.87 | 2.19 |
|                                                                     | 62 (16.7)        | 20.20          | 19.56           | 1.20                                          | 18.07           | 18.07          | 1.35            | 16.16          | 16.16           | 1.52           | 14.32           | 14.32          | 1.72            | 12.55          | 12.55           | 1.94       | 10.89 | 10.89 | 2.19 |
|                                                                     | 63 (17.2)†       | 20.04          | 15.96           | 1.21                                          | 17.93           | 14.63          | 1.36            | 15.86          | 13.33           | 1.53           | 13.87           | 12.05          | 1.72            | 11.99          | 10.83           | 1.94       | 10.24 | 9.67  | 2.19 |
|                                                                     | 67 (19.4)        | 21.67          | 16.70           | 1.19                                          | 19.39           | 15.33          | 1.34            | 17.16          | 13.99           | 1.51           | 15.03           | 12.68          | 1.71            | 13.01          | 11.43           | 1.93       | 11.14 | 10.22 | 2.18 |
|                                                                     | 72 (22.2)        | 23.90          | 13.11           | 1.17                                          | 21.39           | 11.95          | 1.32            | 18.94          | 10.81           | 1.49           | 16.60           | 9.72           | 1.69            | 14.39          | 8.68            | 1.92       | 12.33 | 7.70  | 2.18 |

See notes at end of section

DETAILED COOLING CAPACITIES# CONTINUED

| EVAPORATOR AIR |                 |                                                                   |                | CONDENSER ENTERING AIR TEMPERATURES ° F (°C) |                   |                |                    |                   |                |                    |                   |                |                    |                   |                |                    |                   |                |                    |  |  |
|----------------|-----------------|-------------------------------------------------------------------|----------------|----------------------------------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|--|--|
| CFM            | EWB<br>° F (°C) | 75 (23.9)                                                         |                |                                              | 85 (29.4)         |                |                    | 95 (35)           |                |                    | 105 (40.6)        |                |                    | 115 (46.1)        |                |                    | 125 (51.7)        |                |                    |  |  |
|                |                 | Capacity<br>Total                                                 | MBTuh<br>Sens† | Total Sys.<br>KW**                           | Capacity<br>Total | MBTuh<br>Sens† | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Sens† | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Sens† | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Sens† | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Sens† | Total Sys.<br>KW** |  |  |
|                |                 | N4A736GKA Outdoor Section With EA*4X37L21A* Indoor Section - High |                |                                              |                   |                |                    |                   |                |                    |                   |                |                    |                   |                |                    |                   |                |                    |  |  |
| 900            | 57 (13.9)       | 33.46                                                             | 33.46          | 2.30                                         | 32.30             | 32.30          | 2.58               | 31.04             | 31.04          | 2.91               | 29.65             | 29.65          | 3.29               | 28.10             | 28.10          | 3.73               | 26.35             | 26.35          | 4.23               |  |  |
|                | 62 (16.7)       | 35.72                                                             | 30.52          | 2.32                                         | 34.20             | 29.82          | 2.80               | 32.55             | 29.06          | 2.92               | 30.73             | 28.23          | 3.30               | 28.74             | 27.31          | 3.73               | 26.57             | 26.29          | 4.23               |  |  |
|                | 63 (17.2)††     | 36.47                                                             | 25.16          | 2.33                                         | 34.94             | 24.47          | 2.61               | 33.24             | 23.70          | 2.93               | 31.37             | 22.87          | 3.31               | 29.33             | 21.97          | 3.74               | 27.06             | 20.98          | 4.23               |  |  |
|                | 67 (19.4)       | 39.41                                                             | 26.11          | 2.36                                         | 37.73             | 25.40          | 2.63               | 35.92             | 24.64          | 2.95               | 33.89             | 23.80          | 3.33               | 31.70             | 22.90          | 3.76               | 29.25             | 21.90          | 4.26               |  |  |
|                | 72 (22.2)       | 43.45                                                             | 21.55          | 2.40                                         | 41.62             | 20.84          | 2.66               | 39.60             | 20.08          | 2.98               | 37.39             | 19.25          | 3.36               | 34.95             | 18.34          | 3.79               | 32.28             | 17.36          | 4.29               |  |  |
| 975            | 57 (13.9)       | 34.48                                                             | 34.48          | 2.34                                         | 33.27             | 33.27          | 2.62               | 31.95             | 31.95          | 2.95               | 30.48             | 30.48          | 3.33               | 28.85             | 28.85          | 3.76               | 27.02             | 27.02          | 4.27               |  |  |
|                | 62 (16.7)       | 36.31                                                             | 31.90          | 2.36                                         | 34.75             | 31.19          | 2.63               | 33.05             | 30.41          | 2.96               | 31.18             | 29.56          | 3.33               | 29.15             | 28.61          | 3.77               | 27.06             | 27.06          | 4.27               |  |  |
|                | 63 (17.2)††     | 37.05                                                             | 26.10          | 2.36                                         | 35.45             | 25.38          | 2.64               | 33.70             | 24.62          | 2.96               | 31.79             | 23.77          | 3.34               | 29.67             | 22.86          | 3.78               | 27.35             | 21.86          | 4.27               |  |  |
|                | 67 (19.4)       | 40.02                                                             | 27.11          | 2.39                                         | 38.28             | 26.39          | 2.66               | 36.39             | 25.61          | 2.98               | 34.33             | 24.77          | 3.36               | 32.04             | 23.85          | 3.79               | 29.55             | 22.85          | 4.29               |  |  |
|                | 72 (22.2)       | 44.08                                                             | 22.16          | 2.43                                         | 42.18             | 21.45          | 2.70               | 40.11             | 20.67          | 3.02               | 37.82             | 19.83          | 3.39               | 35.33             | 18.92          | 3.82               | 32.57             | 17.93          | 4.32               |  |  |
| 1050           | 57 (13.9)       | 35.40                                                             | 35.40          | 2.38                                         | 34.14             | 34.14          | 2.66               | 32.76             | 32.76          | 2.98               | 31.23             | 31.23          | 3.36               | 29.52             | 29.52          | 3.80               | 27.61             | 27.61          | 4.30               |  |  |
|                | 62 (16.7)       | 36.83                                                             | 33.26          | 2.39                                         | 35.21             | 32.52          | 2.66               | 33.48             | 31.73          | 2.99               | 31.58             | 30.84          | 3.37               | 29.57             | 29.57          | 3.80               | 27.66             | 27.66          | 4.31               |  |  |
|                | 63 (17.2)††     | 37.54                                                             | 27.01          | 2.40                                         | 35.89             | 26.29          | 2.67               | 34.10             | 25.51          | 2.99               | 32.12             | 24.65          | 3.37               | 29.97             | 23.74          | 3.81               | 27.58             | 22.71          | 4.30               |  |  |
|                | 67 (19.4)       | 40.53                                                             | 28.08          | 2.42                                         | 38.74             | 27.35          | 2.70               | 36.80             | 26.57          | 3.02               | 34.67             | 25.71          | 3.39               | 32.33             | 24.78          | 3.83               | 29.79             | 23.78          | 4.33               |  |  |
|                | 72 (22.2)       | 44.61                                                             | 22.76          | 2.47                                         | 42.67             | 22.04          | 2.73               | 40.53             | 21.26          | 3.05               | 38.01             | 20.34          | 3.41               | 35.62             | 19.48          | 3.86               | 32.81             | 18.48          | 4.35               |  |  |
| 1200           | 57 (13.9)       | 37.04                                                             | 37.04          | 2.45                                         | 35.66             | 35.66          | 2.73               | 34.18             | 34.18          | 3.05               | 32.53             | 32.53          | 3.44               | 30.68             | 30.68          | 3.87               | 28.63             | 28.63          | 4.37               |  |  |
|                | 62 (16.7)       | 37.72                                                             | 35.86          | 2.45                                         | 36.06             | 35.08          | 2.73               | 34.41             | 33.92          | 3.06               | 32.57             | 32.57          | 3.43               | 30.72             | 30.72          | 3.87               | 28.67             | 28.67          | 4.37               |  |  |
|                | 63 (17.2)††     | 38.34                                                             | 28.78          | 2.46                                         | 36.60             | 28.04          | 2.73               | 34.72             | 27.24          | 3.06               | 32.66             | 26.37          | 3.43               | 30.41             | 25.42          | 3.87               | 27.95             | 24.39          | 4.37               |  |  |
|                | 67 (19.4)       | 41.34                                                             | 29.98          | 2.49                                         | 39.46             | 29.23          | 2.76               | 37.42             | 28.43          | 3.08               | 35.22             | 27.56          | 3.46               | 32.80             | 26.62          | 3.89               | 30.15             | 25.59          | 4.39               |  |  |
|                | 72 (22.2)       | 45.45                                                             | 23.92          | 2.53                                         | 43.39             | 23.18          | 2.79               | 41.16             | 22.38          | 3.11               | 38.72             | 21.53          | 3.49               | 36.09             | 20.60          | 3.92               | 33.17             | 19.58          | 4.42               |  |  |
| 1350           | 57 (13.9)       | 38.41                                                             | 38.41          | 2.52                                         | 36.94             | 36.94          | 2.79               | 35.35             | 35.35          | 3.12               | 33.60             | 33.60          | 3.50               | 31.63             | 31.63          | 3.94               | 29.46             | 29.46          | 4.44               |  |  |
|                | 62 (16.7)       | 38.92                                                             | 37.40          | 2.52                                         | 37.01             | 37.01          | 2.79               | 35.40             | 35.40          | 3.12               | 33.64             | 33.64          | 3.50               | 31.68             | 31.68          | 3.94               | 29.50             | 29.50          | 4.45               |  |  |
|                | 63 (17.2)††     | 38.91                                                             | 30.48          | 2.52                                         | 37.11             | 29.72          | 2.79               | 35.20             | 28.92          | 3.12               | 33.06             | 28.02          | 3.50               | 30.76             | 27.07          | 3.94               | 28.23             | 25.99          | 4.43               |  |  |
|                | 67 (19.4)       | 41.93                                                             | 31.81          | 2.55                                         | 39.99             | 31.05          | 2.82               | 37.90             | 30.24          | 3.14               | 35.45             | 29.29          | 3.51               | 33.13             | 28.39          | 3.96               | 30.42             | 27.34          | 4.45               |  |  |
|                | 72 (22.2)       | 46.03                                                             | 25.01          | 2.59                                         | 43.92             | 24.27          | 2.86               | 41.63             | 23.47          | 3.17               | 39.10             | 22.59          | 3.55               | 36.39             | 21.65          | 3.98               | 33.39             | 20.63          | 4.48               |  |  |
|                |                 | N4A736GKA Outdoor Section With EA*4X37L21A* Indoor Section - Low  |                |                                              |                   |                |                    |                   |                |                    |                   |                |                    |                   |                |                    |                   |                |                    |  |  |
| 720            | 57 (13.9)       | 25.27                                                             | 25.27          | 1.66                                         | 23.25             | 23.25          | 1.85               | 21.24             | 21.24          | 2.07               | 19.23             | 19.23          | 2.31               | 17.21             | 17.21          | 2.60               | 15.19             | 15.19          | 2.92               |  |  |
|                | 62 (16.7)       | 26.45                                                             | 23.83          | 1.65                                         | 24.11             | 22.20          | 1.84               | 21.80             | 20.58          | 2.06               | 19.50             | 18.97          | 2.31               | 17.25             | 17.25          | 2.60               | 15.21             | 15.21          | 2.92               |  |  |
|                | 63 (17.2)††     | 27.05                                                             | 19.40          | 1.65                                         | 24.65             | 17.98          | 1.84               | 22.28             | 16.57          | 2.06               | 19.92             | 15.19          | 2.31               | 17.57             | 13.81          | 2.60               | 15.23             | 12.44          | 2.92               |  |  |
|                | 67 (19.4)       | 29.36                                                             | 20.22          | 1.63                                         | 26.75             | 18.75          | 1.82               | 24.18             | 17.31          | 2.04               | 21.64             | 15.88          | 2.29               | 19.13             | 14.48          | 2.58               | 16.58             | 13.07          | 2.90               |  |  |
|                | 72 (22.2)       | 32.60                                                             | 16.54          | 1.61                                         | 29.69             | 15.23          | 1.80               | 26.85             | 13.96          | 2.02               | 24.04             | 12.71          | 2.27               | 21.26             | 11.47          | 2.56               | 18.49             | 10.25          | 2.88               |  |  |
| 780            | 57 (13.9)       | 26.04                                                             | 26.04          | 1.68                                         | 23.93             | 23.93          | 1.87               | 21.85             | 21.85          | 2.08               | 19.76             | 19.76          | 2.33               | 17.67             | 17.67          | 2.62               | 15.57             | 15.57          | 2.94               |  |  |
|                | 62 (16.7)       | 26.87                                                             | 24.96          | 1.67                                         | 24.48             | 23.27          | 1.86               | 22.12             | 21.58          | 2.08               | 19.81             | 19.81          | 2.33               | 17.70             | 17.70          | 2.61               | 15.60             | 15.60          | 2.94               |  |  |
|                | 63 (17.2)††     | 27.45                                                             | 20.17          | 1.67                                         | 24.99             | 18.70          | 1.86               | 22.57             | 17.24          | 2.08               | 20.17             | 15.82          | 2.33               | 17.77             | 14.40          | 2.61               | 15.39             | 12.99          | 2.94               |  |  |
|                | 67 (19.4)       | 29.78                                                             | 21.06          | 1.65                                         | 27.11             | 19.54          | 1.84               | 24.49             | 18.04          | 2.06               | 21.89             | 16.57          | 2.31               | 19.31             | 15.11          | 2.60               | 16.75             | 13.67          | 2.92               |  |  |
|                | 72 (22.2)       | 33.07                                                             | 17.05          | 1.62                                         | 30.08             | 15.71          | 1.82               | 27.17             | 14.40          | 2.04               | 24.30             | 13.12          | 2.29               | 21.47             | 11.86          | 2.58               | 18.65             | 10.61          | 2.90               |  |  |
| 840            | 57 (13.9)       | 26.72                                                             | 26.72          | 1.69                                         | 24.55             | 24.55          | 1.88               | 22.39             | 22.39          | 2.10               | 20.24             | 20.24          | 2.35               | 18.08             | 18.08          | 2.63               | 15.92             | 15.92          | 2.95               |  |  |
|                | 62 (16.7)       | 27.25                                                             | 26.07          | 1.69                                         | 24.81             | 24.29          | 1.88               | 22.45             | 22.42          | 2.10               | 20.27             | 20.27          | 2.35               | 18.11             | 18.11          | 2.63               | 15.94             | 15.94          | 2.95               |  |  |
|                | 63 (17.2)††     | 27.79                                                             | 20.93          | 1.69                                         | 25.28             | 19.40          | 1.88               | 22.81             | 17.92          | 2.10               | 20.36             | 16.45          | 2.35               | 17.93             | 14.99          | 2.63               | 15.51             | 13.54          | 2.96               |  |  |
|                | 67 (19.4)       | 30.14                                                             | 21.87          | 1.67                                         | 27.41             | 20.30          | 1.86               | 24.74             | 18.76          | 2.08               | 22.10             | 17.25          | 2.33               | 19.48             | 15.75          | 2.62               | 16.88             | 14.26          | 2.94               |  |  |
|                | 72 (22.2)       | 33.44                                                             | 17.54          | 1.64                                         | 30.40             | 16.17          | 1.84               | 27.44             | 14.84          | 2.06               | 24.52             | 13.53          | 2.31               | 21.65             | 12.24          | 2.60               | 18.78             | 10.97          | 2.92               |  |  |
| 980            | 57 (13.9)       | 28.12                                                             | 28.12          | 1.73                                         | 25.78             | 25.78          | 1.92               | 23.48             | 23.48          | 2.14               | 21.18             | 21.18          | 2.39               | 18.89             | 18.89          | 2.67               | 16.59             | 16.59          | 2.99               |  |  |
|                | 62 (16.7)       | 28.46                                                             | 27.56          | 1.73                                         | 25.85             | 25.85          | 1.92               | 23.52             | 23.52          | 2.14               | 21.21             | 21.21          | 2.39               | 18.91             | 18.91          | 2.67               | 16.62             | 16.62          | 2.99               |  |  |
|                | 63 (17.2)††     | 28.40                                                             | 22.63          | 1.73                                         | 25.80             | 21.02          | 1.92               | 23.44             | 19.44          | 2.14               | 21.21             | 17.87          | 2.39               | 18.22             | 16.32          | 2.68               | 15.74             | 14.77          | 3.01               |  |  |
|                | 67 (19.4)       | 30.78                                                             | 23.71          | 1.71                                         | 27.95             | 22.04          | 1.91               | 25.19             | 20.40          | 2.13               | 22.47             | 18.79          | 2.38               | 19.77             | 17.19          | 2.66               | 17.10             | 15.60          | 2.99               |  |  |
|                | 72 (22.2)       | 34.12                                                             | 18.66          | 1.69                                         | 30.98             | 17.23          | 1.88               | 27.90             | 15.83          | 2.11               | 24.90             | 14.46          | 2.36               | 21.93             | 13.11          | 2.64               | 18.99             | 11.78          | 2.97               |  |  |
| 1080           | 57 (13.9)       | 28.95                                                             | 28.95          | 1.76                                         | 26.52             | 26.52          | 1.95               | 24.12             | 24.12          | 2.17               | 21.74             | 21.74          | 2.42               | 19.36             | 19.36          | 2.70               | 16.98             | 16.98          | 3.02               |  |  |
|                | 62 (16.7)       | 29.00                                                             | 29.00          | 1.76                                         | 26.56             | 26.56          | 1.95               | 24.15             | 24.15          | 2.17               | 21.77             | 21.77          | 2.42               | 19.39             | 19.39          | 2.70               | 17.00             | 17.00          | 3.02               |  |  |
|                | 63 (17.2)††     | 28.73                                                             | 23.81          | 1.76                                         | 26.07             | 22.13          | 1.96               | 23.48             | 20.49          | 2.18               | 20.92             | 18.86          | 2.43               | 18.38             | 17.23          | 2.71               | 15.89             | 15.59          | 3.04               |  |  |
|                | 67 (19.4)       | 31.12                                                             | 24.98          | 1.74                                         | 28.23             | 23.24          | 1.94               | 25.43             | 21.54          | 2.16               | 22.67             | 19.86          | 2.41               | 19.93             | 18.19          | 2.70               | 17.24             | 16.52          | 3.02               |  |  |
|                | 72 (22.2)       | 34.46                                                             | 19.43          | 1.72                                         | 31.26             | 17.96          | 1.92               | 28.14             | 16.52          | 2.14               | 25.09             | 15.12          | 2.39               | 22.06             | 13.72          | 2.68               | 19.08             | 12.35          | 3.00               |  |  |

See notes at end of section

# DETAILED COOLING CAPACITIES# CONTINUED

| EVAPORATOR AIR                                                    |                 |                   |                | CONDENSER ENTERING AIR TEMPERATURES ° F (°C) |                    |                   |                |         |                    |                   |                |       |                    |                   |                |       |                    |                   |                |       |                    |  |
|-------------------------------------------------------------------|-----------------|-------------------|----------------|----------------------------------------------|--------------------|-------------------|----------------|---------|--------------------|-------------------|----------------|-------|--------------------|-------------------|----------------|-------|--------------------|-------------------|----------------|-------|--------------------|--|
| CFM                                                               | EWB<br>° F (°C) | 75 (23.9)         |                |                                              | 85 (29.4)          |                   |                | 95 (35) |                    |                   | 105 (40.6)     |       |                    | 115 (46.1)        |                |       | 125 (51.7)         |                   |                |       |                    |  |
|                                                                   |                 | Capacity<br>Total | MBTuh<br>Total | Sens†                                        | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Total | Sens†   | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Total | Sens† | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Total | Sens† | Total Sys.<br>KW** | Capacity<br>Total | MBTuh<br>Total | Sens† | Total Sys.<br>KW** |  |
| N4A748GKA Outdoor Section With EA*4X61L24A* Indoor Section - High |                 |                   |                |                                              |                    |                   |                |         |                    |                   |                |       |                    |                   |                |       |                    |                   |                |       |                    |  |
| 1200                                                              | 57 (13.9)       | 44.81             | 44.81          | 3.12                                         | 3.43               | 43.25             | 43.25          | 41.48   | 41.48              | 3.79              | 3.79           | 39.59 | 39.59              | 37.63             | 37.63          | 35.66 | 35.66              | 5.28              |                |       |                    |  |
|                                                                   | 62 (16.7)       | 47.79             | 40.93          | 3.14                                         | 3.45               | 45.71             | 39.92          | 43.41   | 38.82              | 3.80              | 40.97          | 37.66 | 42.22              | 38.49             | 36.48          | 4.71  | 36.03              | 35.28             | 5.29           |       |                    |  |
|                                                                   | 63 (17.2)†      | 48.76             | 33.72          | 3.15                                         | 3.46               | 46.64             | 32.72          | 44.28   | 31.63              | 3.81              | 41.77          | 30.48 | 4.23               | 39.42             | 29.33          | 4.72  | 36.65              | 28.19             | 5.30           |       |                    |  |
|                                                                   | 67 (19.4)       | 50.37             | 34.96          | 3.17                                         | 3.48               | 50.37             | 33.98          | 47.84   | 32.88              | 3.84              | 45.17          | 31.74 | 4.26               | 42.46             | 30.61          | 4.75  | 39.73              | 29.48             | 5.33           |       |                    |  |
|                                                                   | 72 (22.2)       | 57.99             | 28.83          | 3.19                                         | 3.51               | 55.51             | 27.82          | 52.75   | 26.77              | 3.87              | 49.88          | 25.64 | 4.30               | 46.96             | 24.56          | 4.80  | 44.00              | 23.46             | 5.39           |       |                    |  |
| 1300                                                              | 57 (13.9)       | 44.53             | 44.53          | 3.17                                         | 3.48               | 44.53             | 44.53          | 41.74   | 41.74              | 3.84              | 40.70          | 40.70 | 4.26               | 38.66             | 38.66          | 4.75  | 36.59              | 36.59             | 5.33           |       |                    |  |
|                                                                   | 62 (16.7)       | 48.57             | 42.76          | 3.18                                         | 3.49               | 48.57             | 42.76          | 46.44   | 41.74              | 3.85              | 41.57          | 39.42 | 4.26               | 39.06             | 38.18          | 4.75  | 36.86              | 36.28             | 5.33           |       |                    |  |
|                                                                   | 63 (17.2)†      | 49.51             | 34.97          | 3.19                                         | 3.50               | 47.31             | 33.95          | 44.88   | 32.84              | 3.85              | 42.30          | 31.68 | 4.27               | 39.68             | 30.51          | 4.76  | 37.07              | 29.36             | 5.33           |       |                    |  |
|                                                                   | 67 (19.4)       | 53.44             | 36.30          | 3.21                                         | 3.52               | 51.08             | 35.28          | 48.47   | 34.18              | 3.88              | 45.73          | 33.03 | 4.30               | 42.95             | 31.88          | 4.79  | 40.14              | 30.74             | 5.38           |       |                    |  |
|                                                                   | 72 (22.2)       | 58.81             | 29.66          | 3.23                                         | 3.55               | 56.23             | 28.64          | 53.42   | 27.54              | 3.91              | 50.45          | 26.45 | 4.34               | 47.46             | 25.33          | 4.84  | 44.43              | 24.22             | 5.43           |       |                    |  |
| 1400                                                              | 57 (13.9)       | 47.41             | 47.41          | 3.21                                         | 3.52               | 45.69             | 45.69          | 43.76   | 43.76              | 3.88              | 41.70          | 41.70 | 4.30               | 39.57             | 39.57          | 4.80  | 37.43              | 37.43             | 5.38           |       |                    |  |
|                                                                   | 62 (16.7)       | 49.26             | 44.55          | 3.22                                         | 3.53               | 47.07             | 43.51          | 44.66   | 42.36              | 3.89              | 42.14          | 41.11 | 4.31               | 40.07             | 38.78          | 4.80  | 37.49              | 37.49             | 5.38           |       |                    |  |
|                                                                   | 63 (17.2)†      | 50.14             | 36.17          | 3.23                                         | 3.54               | 47.88             | 35.15          | 45.39   | 34.03              | 3.90              | 42.76          | 32.85 | 4.31               | 40.07             | 31.67          | 4.80  | 37.39              | 30.50             | 5.38           |       |                    |  |
|                                                                   | 67 (19.4)       | 54.09             | 37.59          | 3.25                                         | 3.56               | 51.66             | 36.57          | 49.00   | 35.45              | 3.92              | 46.19          | 34.30 | 4.34               | 43.34             | 33.12          | 4.84  | 40.48              | 31.97             | 5.42           |       |                    |  |
|                                                                   | 72 (22.2)       | 59.49             | 30.46          | 3.27                                         | 3.59               | 56.86             | 29.39          | 53.97   | 28.30              | 3.95              | 50.93          | 27.20 | 4.38               | 47.87             | 26.09          | 4.88  | 44.77              | 24.97             | 5.48           |       |                    |  |
| 1500                                                              | 57 (13.9)       | 48.54             | 48.54          | 3.26                                         | 3.57               | 46.75             | 46.75          | 44.74   | 44.74              | 3.93              | 42.60          | 42.60 | 4.35               | 40.40             | 40.40          | 4.84  | 38.18              | 38.18             | 5.43           |       |                    |  |
|                                                                   | 62 (16.7)       | 49.88             | 46.31          | 3.26                                         | 3.58               | 47.65             | 45.23          | 45.22   | 44.03              | 3.93              | 43.10          | 41.75 | 4.35               | 40.47             | 40.47          | 4.85  | 38.24              | 38.24             | 5.43           |       |                    |  |
|                                                                   | 63 (17.2)†      | 50.69             | 37.36          | 3.27                                         | 3.58               | 48.38             | 36.31          | 45.82   | 35.19              | 3.94              | 43.13          | 33.99 | 4.35               | 40.41             | 32.82          | 4.84  | 37.68              | 31.63             | 5.42           |       |                    |  |
|                                                                   | 67 (19.4)       | 54.66             | 38.86          | 3.29                                         | 3.60               | 52.16             | 37.82          | 49.45   | 36.70              | 3.96              | 46.58          | 35.53 | 4.38               | 43.69             | 34.36          | 4.88  | 40.78              | 33.19             | 5.46           |       |                    |  |
|                                                                   | 72 (22.2)       | 60.09             | 31.19          | 3.31                                         | 3.62               | 57.37             | 30.20          | 54.40   | 29.10              | 3.99              | 51.32          | 27.97 | 4.42               | 48.20             | 26.84          | 4.93  | 45.05              | 25.72             | 5.52           |       |                    |  |
| 1600                                                              | 57 (13.9)       | 49.57             | 49.57          | 3.30                                         | 3.61               | 47.70             | 47.70          | 45.63   | 45.63              | 3.97              | 43.42          | 43.42 | 4.39               | 41.15             | 41.15          | 4.89  | 38.86              | 38.86             | 5.48           |       |                    |  |
|                                                                   | 62 (16.7)       | 50.46             | 48.01          | 3.31                                         | 3.62               | 48.20             | 46.89          | 46.02   | 45.05              | 3.98              | 43.49          | 43.49 | 4.40               | 41.21             | 41.21          | 4.89  | 38.92              | 38.92             | 5.48           |       |                    |  |
|                                                                   | 63 (17.2)†      | 51.16             | 38.52          | 3.31                                         | 3.63               | 48.80             | 37.46          | 46.19   | 36.32              | 3.98              | 43.46          | 35.12 | 4.39               | 40.69             | 33.92          | 4.89  | 37.92              | 32.73             | 5.47           |       |                    |  |
|                                                                   | 67 (19.4)       | 55.13             | 40.11          | 3.33                                         | 3.64               | 52.60             | 39.06          | 49.85   | 36.73              | 4.00              | 46.91          | 36.75 | 4.42               | 43.99             | 35.57          | 4.92  | 41.04              | 34.39             | 5.50           |       |                    |  |
|                                                                   | 72 (22.2)       | 60.59             | 31.95          | 3.35                                         | 3.67               | 57.80             | 30.95          | 54.78   | 29.83              | 4.03              | 51.65          | 28.70 | 4.46               | 48.48             | 27.56          | 4.97  | 45.28              | 26.43             | 5.56           |       |                    |  |
| 1700                                                              | 57 (13.9)       | 50.51             | 50.51          | 3.34                                         | 3.66               | 48.59             | 48.59          | 46.44   | 46.44              | 4.02              | 44.16          | 44.16 | 4.44               | 41.83             | 41.83          | 4.94  | 39.47              | 39.47             | 5.53           |       |                    |  |
|                                                                   | 62 (16.7)       | 51.01             | 49.65          | 3.35                                         | 3.66               | 49.47             | 48.41          | 46.53   | 46.53              | 4.02              | 44.23          | 44.23 | 4.44               | 41.89             | 41.89          | 4.94  | 39.53              | 39.53             | 5.53           |       |                    |  |
|                                                                   | 63 (17.2)†      | 51.57             | 39.66          | 3.35                                         | 3.66               | 49.15             | 38.59          | 46.52   | 37.44              | 4.02              | 43.77          | 36.24 | 4.43               | 40.93             | 35.02          | 4.93  | 38.15              | 33.82             | 5.51           |       |                    |  |
|                                                                   | 67 (19.4)       | 55.56             | 41.33          | 3.37                                         | 3.68               | 52.97             | 40.28          | 50.13   | 39.12              | 4.04              | 47.24          | 37.96 | 4.46               | 44.24             | 36.75          | 4.96  | 41.26              | 35.57             | 5.55           |       |                    |  |
|                                                                   | 72 (22.2)       | 60.99             | 32.71          | 3.39                                         | 3.71               | 58.16             | 31.69          | 55.11   | 30.57              | 4.07              | 51.93          | 29.42 | 4.50               | 48.71             | 28.27          | 5.01  | 45.47              | 27.13             | 5.60           |       |                    |  |
| N4A748GKA Outdoor Section With EA*4X61L24A* Indoor Section - Low  |                 |                   |                |                                              |                    |                   |                |         |                    |                   |                |       |                    |                   |                |       |                    |                   |                |       |                    |  |
| 960                                                               | 57 (13.9)       | 33.80             | 33.80          | 2.21                                         | 2.49               | 31.13             | 31.13          | 28.39   | 28.39              | 2.81              | 25.62          | 25.62 | 3.17               | 22.86             | 22.86          | 3.58  | 20.12              | 20.12             | 4.04           |       |                    |  |
|                                                                   | 62 (16.7)       | 35.36             | 31.84          | 2.19                                         | 2.48               | 32.26             | 29.72          | 29.07   | 27.57              | 2.80              | 25.88          | 25.39 | 3.17               | 22.90             | 22.90          | 3.58  | 20.16              | 20.16             | 4.04           |       |                    |  |
|                                                                   | 63 (17.2)†      | 36.13             | 25.91          | 2.19                                         | 2.48               | 32.96             | 24.06          | 29.70   | 22.17              | 2.80              | 26.40          | 20.29 | 3.16               | 23.13             | 23.13          | 3.58  | 19.90              | 16.60             | 4.05           |       |                    |  |
|                                                                   | 67 (19.4)       | 39.28             | 27.05          | 2.16                                         | 2.45               | 35.89             | 25.16          | 32.41   | 23.24              | 2.78              | 28.90          | 21.33 | 3.14               | 25.40             | 19.44          | 3.56  | 21.95              | 17.58             | 4.03           |       |                    |  |
|                                                                   | 72 (22.2)       | 43.74             | 22.16          | 2.13                                         | 2.43               | 40.05             | 20.51          | 36.26   | 18.83              | 2.75              | 32.44          | 17.14 | 3.12               | 28.64             | 15.48          | 3.54  | 20.47              | 13.85             | 4.00           |       |                    |  |
| 1010                                                              | 57 (13.9)       | 34.44             | 34.44          | 2.22                                         | 2.50               | 31.72             | 31.72          | 28.92   | 28.92              | 2.82              | 26.09          | 26.09 | 3.18               | 23.27             | 23.27          | 3.59  | 20.47              | 20.47             | 4.06           |       |                    |  |
|                                                                   | 62 (16.7)       | 35.71             | 32.77          | 2.21                                         | 2.49               | 32.58             | 30.62          | 29.37   | 28.41              | 2.82              | 26.34          | 25.76 | 3.18               | 23.31             | 23.31          | 3.59  | 20.51              | 20.51             | 4.06           |       |                    |  |
|                                                                   | 63 (17.2)†      | 36.47             | 26.56          | 2.20                                         | 2.49               | 33.25             | 24.68          | 29.95   | 22.75              | 2.82              | 26.62          | 20.84 | 3.18               | 23.30             | 23.30          | 3.60  | 20.04              | 17.08             | 4.06           |       |                    |  |
|                                                                   | 67 (19.4)       | 39.65             | 27.74          | 2.18                                         | 2.47               | 36.21             | 25.82          | 32.68   | 23.87              | 2.80              | 29.13          | 21.92 | 3.16               | 25.60             | 19.99          | 3.58  | 22.11              | 18.10             | 4.04           |       |                    |  |
|                                                                   | 72 (22.2)       | 44.16             | 22.60          | 2.15                                         | 2.44               | 40.42             | 20.90          | 36.57   | 19.21              | 2.77              | 32.70          | 17.51 | 3.12               | 28.85             | 15.82          | 3.55  | 25.04              | 14.17             | 4.02           |       |                    |  |
| 1120                                                              | 57 (13.9)       | 35.74             | 35.74          | 2.25                                         | 2.53               | 32.90             | 32.90          | 29.98   | 29.98              | 2.85              | 27.03          | 27.03 | 3.22               | 24.09             | 24.09          | 3.63  | 21.17              | 21.17             | 4.09           |       |                    |  |
|                                                                   | 62 (16.7)       | 36.44             | 34.83          | 2.24                                         | 2.53               | 33.25             | 32.52          | 30.67   | 28.81              | 2.85              | 27.08          | 27.08 | 3.22               | 24.13             | 24.13          | 3.63  | 21.21              | 21.21             | 4.09           |       |                    |  |
|                                                                   | 63 (17.2)†      | 37.11             | 27.95          | 2.24                                         | 2.53               | 33.82             | 25.99          | 30.44   | 24.01              | 2.85              | 27.02          | 22.02 | 3.22               | 23.63             | 23.63          | 3.63  | 20.31              | 18.11             | 4.10           |       |                    |  |
|                                                                   | 67 (19.4)       | 40.33             | 29.26          | 2.21                                         | 2.50               | 36.81             | 27.25          | 33.20   | 25.22              | 2.83              | 29.56          | 23.20 | 3.20               | 25.95             | 21.19          | 3.61  | 22.40              | 19.22             | 4.08           |       |                    |  |
|                                                                   | 72 (22.2)       | 44.91             | 23.52          | 2.18                                         | 2.48               | 41.07             | 21.79          | 37.13   | 20.06              | 2.81              | 33.17          | 18.29 | 3.18               | 29.23             | 16.56          | 3.59  | 25.33              | 14.86             | 4.06           |       |                    |  |
| 1280                                                              | 57 (13.9)       | 37.37             | 37.37          | 2.29                                         | 2.58               | 34.37             | 34.37          | 31.30   | 31.30              | 2.90              | 28.20          | 28.20 | 3.27               | 25.10             | 25.10          | 3.68  | 22.04              | 22.04             | 4.14           |       |                    |  |
|                                                                   | 62 (16.7)       | 37.95             | 36.41          | 2.29                                         | 2.58               | 34.43             | 34.43          | 31.35   | 31.35              | 2.90              | 28.24          | 28.24 | 3.27               | 25.14             | 25.14          | 3.68  | 22.08              | 22.07             | 4.14           |       |                    |  |
|                                                                   | 63 (17.2)†      | 37.84             | 29.90          | 2.29                                         | 2.58               | 34.45             | 27.85          | 30.98   | 25.76              | 2.91              | 27.48          | 23.68 | 3.27               | 24.02             | 24.02          | 3.69  | 20.64              | 19.55             | 4.16           |       |                    |  |
|                                                                   | 67 (19.4)       | 41.11             | 31.35          | 2.26                                         | 2.56               | 37.49             | 29.26          | 33.79   | 27.13              | 2.88              | 30.06          | 24.99 | 3.25               | 26.37             | 22.89          | 3.67  | 22.74              | 20.81             | 4.13           |       |                    |  |
|                                                                   | 72 (22.2)       | 45.75             | 24.82          | 2.23                                         | 2.53               | 41.79             | 23.02          | 37.75   | 21.20              | 2.86              | 33.68          | 19.39 | 3.23               | 29.63             | 17.60          | 3.65  | 25.63              | 15.84             | 4.11           |       |                    |  |
| 1440                                                              | 57 (13.9)       | 38.75             | 38.75          | 2.34                                         | 2.63               | 35.62             | 35.62          | 32.42   | 32.42              | 2.95              | 29.23          | 29.23 | 3.32               | 25.95             | 25.95          | 3     |                    |                   |                |       |                    |  |

# DETAILED COOLING CAPACITIES# CONTINUED

| EVAPORATOR AIR                                                    |                 |                   |                | CONDENSER ENTERING AIR TEMPERATURES ° F (°C) |                   |                |                     |                   |                |                     |                   |                |                     |                   |                |                     |      |
|-------------------------------------------------------------------|-----------------|-------------------|----------------|----------------------------------------------|-------------------|----------------|---------------------|-------------------|----------------|---------------------|-------------------|----------------|---------------------|-------------------|----------------|---------------------|------|
| CFM                                                               | EWB<br>° F (°C) | 75 (23.9)         |                | 85 (29.4)                                    |                   | 95 (35)        |                     |                   | 105 (40.6)     |                     |                   | 115 (46.1)     |                     |                   | 125 (51.7)     |                     |      |
|                                                                   |                 | Capacity<br>Total | MBtuh<br>Sens† | Total Sys.<br>KW***                          | Capacity<br>Total | MBtuh<br>Sens† | Total Sys.<br>KW*** | Capacity<br>Total | MBtuh<br>Sens† | Total Sys.<br>KW*** | Capacity<br>Total | MBtuh<br>Sens† | Total Sys.<br>KW*** | Capacity<br>Total | MBtuh<br>Sens† | Total Sys.<br>KW*** |      |
| N4A760GKA Outdoor Section With EA*4X6/L24A* Indoor Section - High |                 |                   |                |                                              |                   |                |                     |                   |                |                     |                   |                |                     |                   |                |                     |      |
| 1500                                                              | 57 (13.9)       | 52.86             | 52.86          | 3.81                                         | 51.03             | 51.03          | 4.17                | 49.08             | 49.08          | 4.58                | 48.93             | 48.93          | 5.05                | 44.52             | 44.52          | 5.60                | 6.21 |
|                                                                   | 62 (16.7)       | 55.69             | 48.76          | 3.84                                         | 47.64             | 47.64          | 4.19                | 50.79             | 46.46          | 4.60                | 48.06             | 45.18          | 5.07                | 45.06             | 43.75          | 5.60                | 6.21 |
|                                                                   | 63 (17.2)†      | 56.79             | 39.92          | 3.85                                         | 38.80             | 38.80          | 4.20                | 51.76             | 37.63          | 4.61                | 48.94             | 36.37          | 5.07                | 45.81             | 34.99          | 5.61                | 6.22 |
|                                                                   | 67 (19.4)       | 61.31             | 41.44          | 3.90                                         | 58.67             | 40.31          | 4.25                | 55.83             | 39.13          | 4.65                | 52.75             | 37.85          | 5.12                | 49.38             | 36.47          | 5.66                | 6.26 |
|                                                                   | 72 (22.2)       | 67.55             | 33.95          | 3.96                                         | 64.42             | 32.75          | 4.30                | 61.47             | 31.63          | 4.72                | 58.04             | 30.35          | 5.18                | 54.28             | 28.96          | 5.72                | 6.33 |
| 1625                                                              | 57 (13.9)       | 54.39             | 54.39          | 3.88                                         | 52.47             | 52.47          | 4.23                | 50.41             | 50.41          | 4.64                | 48.15             | 48.15          | 5.12                | 45.60             | 45.60          | 5.66                | 6.27 |
|                                                                   | 62 (16.7)       | 56.55             | 50.96          | 3.90                                         | 51.10             | 49.81          | 4.25                | 51.51             | 48.60          | 4.66                | 48.72             | 47.26          | 5.12                | 45.72             | 45.62          | 5.66                | 6.27 |
|                                                                   | 63 (17.2)†      | 57.59             | 41.39          | 3.91                                         | 55.07             | 40.26          | 4.26                | 52.40             | 39.08          | 4.66                | 49.48             | 37.79          | 5.13                | 46.28             | 36.40          | 5.67                | 6.27 |
|                                                                   | 67 (19.4)       | 62.15             | 43.03          | 3.95                                         | 59.42             | 41.89          | 4.30                | 56.50             | 40.68          | 4.71                | 53.33             | 39.39          | 5.18                | 49.84             | 37.98          | 5.71                | 6.32 |
|                                                                   | 72 (22.2)       | 68.43             | 34.93          | 4.02                                         | 65.39             | 33.78          | 4.37                | 62.16             | 32.57          | 4.77                | 58.63             | 31.26          | 5.24                | 54.80             | 29.86          | 5.78                | 6.38 |
| 1750                                                              | 57 (13.9)       | 55.76             | 55.76          | 3.94                                         | 53.76             | 53.76          | 4.29                | 51.60             | 51.60          | 4.71                | 49.24             | 49.24          | 5.18                | 46.59             | 46.59          | 5.72                | 6.34 |
|                                                                   | 62 (16.7)       | 57.31             | 53.09          | 3.95                                         | 54.80             | 51.91          | 4.31                | 52.18             | 50.65          | 4.71                | 49.87             | 48.12          | 5.19                | 46.66             | 46.66          | 5.72                | 6.34 |
|                                                                   | 63 (17.2)†      | 58.26             | 42.83          | 3.96                                         | 55.68             | 41.69          | 4.31                | 52.92             | 40.47          | 4.72                | 49.93             | 39.18          | 5.19                | 46.67             | 37.77          | 5.72                | 6.33 |
|                                                                   | 67 (19.4)       | 62.85             | 44.57          | 4.01                                         | 60.03             | 43.41          | 4.36                | 57.05             | 42.19          | 4.76                | 53.79             | 40.87          | 5.23                | 50.24             | 39.46          | 5.77                | 6.37 |
|                                                                   | 72 (22.2)       | 69.20             | 35.92          | 4.08                                         | 65.95             | 34.66          | 4.42                | 62.68             | 33.47          | 4.83                | 59.12             | 32.16          | 5.29                | 55.14             | 30.71          | 5.83                | 6.44 |
| 2000                                                              | 57 (13.9)       | 58.07             | 58.07          | 4.06                                         | 55.90             | 55.90          | 4.42                | 53.58             | 53.58          | 4.83                | 51.01             | 51.01          | 5.30                | 48.19             | 48.19          | 5.84                | 6.45 |
|                                                                   | 62 (16.7)       | 58.62             | 57.09          | 4.07                                         | 56.08             | 55.76          | 4.42                | 53.66             | 53.66          | 4.83                | 51.09             | 51.09          | 5.30                | 48.25             | 48.25          | 5.84                | 6.46 |
|                                                                   | 63 (17.2)†      | 59.34             | 45.61          | 4.07                                         | 56.62             | 44.43          | 4.42                | 53.75             | 43.19          | 4.83                | 50.63             | 41.85          | 5.29                | 47.24             | 40.41          | 5.83                | 6.43 |
|                                                                   | 67 (19.4)       | 63.96             | 47.56          | 4.12                                         | 61.03             | 46.38          | 4.47                | 57.88             | 45.12          | 4.87                | 54.51             | 43.77          | 5.34                | 50.80             | 42.30          | 5.87                | 6.48 |
|                                                                   | 72 (22.2)       | 70.34             | 37.66          | 4.19                                         | 67.07             | 36.47          | 4.53                | 63.58             | 35.22          | 4.93                | 59.85             | 33.88          | 5.40                | 55.75             | 32.43          | 5.94                | 6.55 |
| N4A760GKA Outdoor Section With EA*4X6/L24A* Indoor Section - Low  |                 |                   |                |                                              |                   |                |                     |                   |                |                     |                   |                |                     |                   |                |                     |      |
| 1100                                                              | 57 (13.9)       | 39.47             | 39.47          | 2.61                                         | 36.39             | 36.39          | 2.93                | 33.18             | 33.17          | 3.30                | 29.90             | 29.90          | 3.71                | 26.63             | 26.63          | 4.17                | 4.69 |
|                                                                   | 62 (16.7)       | 41.54             | 36.96          | 2.59                                         | 37.89             | 34.50          | 2.92                | 34.11             | 31.99          | 3.29                | 30.29             | 29.44          | 3.71                | 26.70             | 26.70          | 4.17                | 4.69 |
|                                                                   | 63 (17.2)†      | 42.47             | 30.19          | 2.59                                         | 38.74             | 28.02          | 2.92                | 34.87             | 25.80          | 3.29                | 30.92             | 23.57          | 3.71                | 27.01             | 21.39          | 4.17                | 4.69 |
|                                                                   | 67 (19.4)       | 46.16             | 31.48          | 2.56                                         | 42.12             | 29.27          | 2.89                | 37.96             | 27.00          | 3.27                | 33.75             | 24.71          | 3.68                | 29.56             | 22.50          | 4.15                | 4.67 |
|                                                                   | 72 (22.2)       | 51.16             | 25.80          | 2.52                                         | 46.73             | 23.82          | 2.86                | 42.18             | 21.81          | 3.24                | 37.59             | 19.81          | 3.66                | 33.03             | 17.84          | 4.13                | 4.65 |
| 1225                                                              | 57 (13.9)       | 41.11             | 41.11          | 2.64                                         | 37.86             | 37.86          | 2.97                | 34.48             | 34.48          | 3.34                | 31.05             | 31.05          | 3.75                | 27.62             | 27.62          | 4.21                | 4.73 |
|                                                                   | 62 (16.7)       | 42.45             | 39.32          | 2.63                                         | 38.70             | 36.74          | 2.96                | 34.84             | 34.07          | 3.33                | 31.11             | 31.11          | 3.75                | 27.67             | 27.67          | 4.21                | 4.73 |
|                                                                   | 63 (17.2)†      | 43.35             | 31.80          | 2.63                                         | 39.49             | 29.54          | 2.96                | 35.50             | 27.24          | 3.33                | 31.45             | 24.93          | 3.75                | 27.43             | 22.64          | 4.22                | 4.74 |
|                                                                   | 67 (19.4)       | 47.06             | 33.20          | 2.60                                         | 42.89             | 30.88          | 2.93                | 38.60             | 28.53          | 3.31                | 34.28             | 26.17          | 3.73                | 29.98             | 23.86          | 4.19                | 4.72 |
|                                                                   | 72 (22.2)       | 52.13             | 26.86          | 2.56                                         | 47.56             | 24.83          | 2.90                | 42.87             | 22.76          | 3.28                | 38.15             | 20.70          | 3.70                | 33.47             | 18.67          | 4.17                | 4.69 |
| 1350                                                              | 57 (13.9)       | 42.54             | 42.54          | 2.67                                         | 39.15             | 39.15          | 3.00                | 35.63             | 35.63          | 3.37                | 32.05             | 32.05          | 3.79                | 28.47             | 28.47          | 4.25                | 4.77 |
|                                                                   | 62 (16.7)       | 43.25             | 41.59          | 2.67                                         | 39.54             | 38.98          | 3.00                | 35.69             | 35.69          | 3.37                | 32.10             | 32.10          | 3.79                | 28.52             | 28.52          | 4.25                | 4.77 |
|                                                                   | 63 (17.2)†      | 44.04             | 33.35          | 2.67                                         | 41.92             | 41.92          | 2.98                | 36.00             | 28.63          | 3.37                | 31.86             | 26.24          | 3.79                | 27.77             | 23.88          | 4.26                | 4.78 |
|                                                                   | 67 (19.4)       | 47.76             | 34.85          | 2.64                                         | 43.49             | 32.46          | 2.97                | 39.11             | 30.03          | 3.35                | 34.69             | 27.60          | 3.77                | 30.32             | 25.20          | 4.24                | 4.76 |
|                                                                   | 72 (22.2)       | 52.88             | 27.89          | 2.60                                         | 48.19             | 25.79          | 2.94                | 43.39             | 23.67          | 3.32                | 38.57             | 21.56          | 3.74                | 33.80             | 19.49          | 4.21                | 4.73 |
| 1475                                                              | 57 (13.9)       | 43.82             | 43.82          | 2.71                                         | 40.29             | 40.29          | 3.04                | 36.62             | 36.62          | 3.41                | 32.91             | 32.91          | 3.83                | 29.16             | 29.16          | 4.29                | 4.81 |
|                                                                   | 62 (16.7)       | 44.56             | 42.51          | 2.70                                         | 40.36             | 40.36          | 3.04                | 36.68             | 36.68          | 3.41                | 32.96             | 32.96          | 3.82                | 29.24             | 29.24          | 4.29                | 4.81 |
|                                                                   | 63 (17.2)†      | 44.62             | 34.87          | 2.71                                         | 40.58             | 32.45          | 3.04                | 36.41             | 29.99          | 3.41                | 32.20             | 27.53          | 3.83                | 28.04             | 25.08          | 4.30                | 4.83 |
|                                                                   | 67 (19.4)       | 48.34             | 36.48          | 2.68                                         | 43.99             | 34.01          | 3.01                | 39.45             | 31.46          | 3.39                | 35.02             | 28.98          | 3.81                | 30.58             | 26.50          | 4.28                | 4.80 |
|                                                                   | 72 (22.2)       | 53.48             | 28.88          | 2.64                                         | 48.68             | 26.73          | 2.98                | 43.67             | 24.54          | 3.35                | 38.90             | 22.39          | 3.78                | 34.04             | 20.27          | 4.25                | 4.78 |

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

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

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

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

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

EWB — Entering Wet Bulb

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

# CONDENSER ONLY RATINGS

| SST<br>°F (°C)   |     | CONDENSER ENTERING AIR TEMPERATURES ° F (° C) |            |            |            |           |             |             |             |
|------------------|-----|-----------------------------------------------|------------|------------|------------|-----------|-------------|-------------|-------------|
|                  |     | 55 (12.78)                                    | 65 (18.33) | 75 (23.89) | 85 (29.44) | 95 (35.0) | 105 (40.56) | 115 (46.11) | 125 (51.67) |
| N4A724GKA - High |     |                                               |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 20.20                                         | 19.70      | 19.00      | 18.10      | 17.10     | 16.00       | 14.80       | 13.60       |
|                  | SDT | 71.20                                         | 81.10      | 90.90      | 100.60     | 110.20    | 119.90      | 129.60      | 139.40      |
|                  | KW  | 1.07                                          | 1.20       | 1.34       | 1.49       | 1.67      | 1.87        | 2.12        | 2.41        |
| 35<br>(1.67)     | TCG | 22.50                                         | 21.90      | 21.10      | 20.10      | 19.10     | 17.90       | 16.70       | 15.30       |
|                  | SDT | 72.70                                         | 82.40      | 92.20      | 101.80     | 111.40    | 121.10      | 130.80      | 140.50      |
|                  | KW  | 1.10                                          | 1.23       | 1.36       | 1.51       | 1.69      | 1.90        | 2.15        | 2.44        |
| 40<br>(4.44)     | TCG | 24.90                                         | 24.20      | 23.30      | 22.30      | 21.20     | 20.00       | 18.60       | 17.20       |
|                  | SDT | 74.20                                         | 83.80      | 93.50      | 103.10     | 112.70    | 122.30      | 132.00      | 141.60      |
|                  | KW  | 1.12                                          | 1.25       | 1.38       | 1.54       | 1.71      | 1.92        | 2.17        | 2.47        |
| 45<br>(7.22)     | TCG | 27.50                                         | 26.70      | 25.70      | 24.60      | 23.40     | 22.10       | 20.70       | 19.20       |
|                  | SDT | 75.70                                         | 85.30      | 94.90      | 104.50     | 114.00    | 123.50      | 133.10      | 142.80      |
|                  | KW  | 1.15                                          | 1.27       | 1.40       | 1.56       | 1.73      | 1.95        | 2.20        | 2.50        |
| 50<br>(10.0)     | TCG | 30.30                                         | 29.40      | 28.30      | 27.10      | 25.80     | 24.40       | 23.00       | 21.40       |
|                  | SDT | 77.30                                         | 86.90      | 96.40      | 105.90     | 115.30    | 124.80      | 134.30      | 143.90      |
|                  | KW  | 1.17                                          | 1.29       | 1.42       | 1.58       | 1.76      | 1.97        | 2.22        | 2.53        |
| 55<br>(12.78)    | TCG | 33.30                                         | 32.20      | 31.10      | 29.80      | 28.40     | 26.90       | 25.30       | 23.70       |
|                  | SDT | 79.00                                         | 88.40      | 97.90      | 107.30     | 116.70    | 126.10      | 135.60      | 145.00      |
|                  | KW  | 1.19                                          | 1.31       | 1.44       | 1.60       | 1.78      | 1.99        | 2.25        | 2.56        |
| 60<br>(15.56)    | TCG | 36.40                                         | 35.20      | 34.00      | 32.60      | 31.10     | 29.50       | 27.90       | 26.10       |
|                  | SDT | 80.70                                         | 90.10      | 99.40      | 108.80     | 118.10    | 127.40      | 136.80      | 146.20      |
|                  | KW  | 1.21                                          | 1.33       | 1.46       | 1.62       | 1.80      | 2.02        | 2.28        | 2.58        |
| N4A724GKA - Low  |     |                                               |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 14.50                                         | 14.20      | 13.70      | 12.90      | 12.00     | 11.00       | 9.90        | 8.80        |
|                  | SDT | 63.50                                         | 73.40      | 83.10      | 92.70      | 102.20    | 111.70      | 121.10      | 130.60      |
|                  | KW  | 0.79                                          | 0.91       | 1.04       | 1.18       | 1.34      | 1.51        | 1.69        | 1.90        |
| 35<br>(1.67)     | TCG | 16.20                                         | 15.90      | 15.30      | 14.50      | 13.50     | 12.40       | 11.30       | 10.20       |
|                  | SDT | 64.30                                         | 74.10      | 83.80      | 93.40      | 102.90    | 112.30      | 121.80      | 131.20      |
|                  | KW  | 0.78                                          | 0.90       | 1.02       | 1.17       | 1.33      | 1.50        | 1.69        | 1.89        |
| 40<br>(4.44)     | TCG | 18.10                                         | 17.70      | 17.00      | 16.10      | 15.10     | 14.00       | 12.80       | 11.60       |
|                  | SDT | 65.20                                         | 75.00      | 84.60      | 94.10      | 103.60    | 113.00      | 122.40      | 131.80      |
|                  | KW  | 0.77                                          | 0.88       | 1.01       | 1.15       | 1.31      | 1.49        | 1.68        | 1.89        |
| 45<br>(7.22)     | TCG | 20.10                                         | 19.60      | 18.80      | 17.80      | 16.70     | 15.50       | 14.30       | 13.00       |
|                  | SDT | 66.10                                         | 75.80      | 85.40      | 94.90      | 104.30    | 113.70      | 123.10      | 132.40      |
|                  | KW  | 0.76                                          | 0.87       | 0.99       | 1.14       | 1.30      | 1.47        | 1.67        | 1.89        |
| 50<br>(10.0)     | TCG | 22.20                                         | 21.60      | 20.70      | 19.70      | 18.50     | 17.20       | 15.90       | 14.50       |
|                  | SDT | 67.10                                         | 76.70      | 86.10      | 95.70      | 105.00    | 114.40      | 123.70      | 133.10      |
|                  | KW  | 0.75                                          | 0.85       | 0.98       | 1.12       | 1.28      | 1.46        | 1.66        | 1.88        |
| 55<br>(12.78)    | TCG | 24.50                                         | 23.70      | 22.70      | 21.60      | 20.30     | 19.00       | 17.50       | 16.10       |
|                  | SDT | 68.10                                         | 77.60      | 87.10      | 96.50      | 105.80    | 115.10      | 124.40      | 133.70      |
|                  | KW  | 0.73                                          | 0.83       | 0.96       | 1.10       | 1.26      | 1.45        | 1.65        | 1.88        |
| 60<br>(15.56)    | TCG | 26.90                                         | 26.00      | 24.90      | 23.60      | 22.20     | 20.80       | 19.30       | 17.70       |
|                  | SDT | 69.10                                         | 78.60      | 88.00      | 97.30      | 106.60    | 115.90      | 125.10      | 134.40      |
|                  | KW  | 0.71                                          | 0.81       | 0.93       | 1.08       | 1.24      | 1.43        | 1.64        | 1.87        |
| N4A736GKA - High |     |                                               |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 31.90                                         | 30.70      | 29.40      | 28.00      | 26.50     | 24.90       | 23.00       | 20.90       |
|                  | SDT | 71.60                                         | 81.10      | 90.60      | 100.20     | 109.60    | 119.10      | 128.40      | 137.70      |
|                  | KW  | 1.61                                          | 1.77       | 1.97       | 2.19       | 2.45      | 2.74        | 3.06        | 3.42        |
| 35<br>(1.67)     | TCG | 35.30                                         | 34.00      | 32.60      | 31.10      | 29.50     | 27.60       | 25.60       | 23.30       |
|                  | SDT | 73.10                                         | 82.50      | 92.00      | 101.40     | 110.80    | 120.20      | 129.50      | 138.70      |
|                  | KW  | 1.65                                          | 1.81       | 2.00       | 2.22       | 2.48      | 2.77        | 3.10        | 3.46        |
| 40<br>(4.44)     | TCG | 38.90                                         | 37.50      | 36.00      | 34.40      | 32.60     | 30.60       | 28.40       | 26.00       |
|                  | SDT | 74.70                                         | 84.00      | 93.40      | 102.80     | 112.20    | 121.40      | 130.60      | 139.80      |
|                  | KW  | 1.69                                          | 1.85       | 2.03       | 2.25       | 2.51      | 2.80        | 3.13        | 3.50        |
| 45<br>(7.22)     | TCG | 42.70                                         | 41.20      | 39.60      | 37.90      | 36.00     | 33.80       | 31.40       | 28.80       |
|                  | SDT | 76.30                                         | 85.60      | 94.90      | 104.20     | 113.50    | 122.70      | 131.80      | 140.80      |
|                  | KW  | 1.74                                          | 1.89       | 2.07       | 2.29       | 2.54      | 2.83        | 3.16        | 3.53        |
| 50<br>(10.0)     | TCG | 46.70                                         | 45.10      | 43.40      | 41.60      | 39.50     | 37.20       | 34.60       | 31.80       |
|                  | SDT | 77.90                                         | 87.20      | 96.50      | 105.70     | 114.90    | 124.00      | 133.00      | 141.90      |
|                  | KW  | 1.80                                          | 1.93       | 2.11       | 2.32       | 2.57      | 2.87        | 3.20        | 3.57        |
| 55<br>(12.78)    | TCG | 50.90                                         | 49.30      | 47.50      | 45.50      | 43.30     | 40.80       | 38.00       | 35.00       |
|                  | SDT | 79.70                                         | 88.90      | 98.10      | 107.20     | 116.30    | 125.30      | 134.20      | 143.10      |
|                  | KW  | 1.85                                          | 1.98       | 2.15       | 2.36       | 2.61      | 2.90        | 3.23        | 3.60        |
| 60<br>(15.56)    | TCG | 55.40                                         | 53.60      | 51.70      | 49.60      | 47.20     | 44.60       | 41.60       | 38.40       |
|                  | SDT | 81.50                                         | 90.60      | 99.70      | 108.80     | 117.80    | 126.70      | 135.50      | 144.20      |
|                  | KW  | 1.92                                          | 2.04       | 2.20       | 2.40       | 2.65      | 2.94        | 3.27        | 3.64        |

See notes at end of section.

| SST<br>°F (°C)   |     | CONDENSER ENTERING AIR TEMPERATURES ° F (° C) |            |            |            |           |             |             |             |
|------------------|-----|-----------------------------------------------|------------|------------|------------|-----------|-------------|-------------|-------------|
|                  |     | 55 (12.78)                                    | 65 (18.33) | 75 (23.89) | 85 (29.44) | 95 (35.0) | 105 (40.56) | 115 (46.11) | 125 (51.67) |
| N4A736GKA - Low  |     |                                               |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 21.70                                         | 20.80      | 19.90      | 19.00      | 17.90     | 16.70       | 15.20       | 13.60       |
|                  | SDT | 64.40                                         | 74.10      | 83.70      | 93.30      | 102.90    | 112.50      | 121.90      | 131.40      |
|                  | KW  | 1.44                                          | 1.49       | 1.54       | 1.59       | 1.63      | 1.66        | 1.67        | 1.66        |
| 35<br>(1.67)     | TCG | 24.20                                         | 23.20      | 22.20      | 21.20      | 20.00     | 18.70       | 17.20       | 15.40       |
|                  | SDT | 65.40                                         | 74.90      | 84.50      | 94.10      | 103.70    | 113.20      | 122.60      | 132.00      |
|                  | KW  | 1.41                                          | 1.47       | 1.53       | 1.58       | 1.62      | 1.65        | 1.66        | 1.65        |
| 40<br>(4.44)     | TCG | 27.00                                         | 25.90      | 24.70      | 23.60      | 22.30     | 20.90       | 19.20       | 17.40       |
|                  | SDT | 66.30                                         | 75.80      | 85.40      | 95.00      | 104.50    | 114.00      | 123.30      | 132.70      |
|                  | KW  | 1.38                                          | 1.45       | 1.51       | 1.56       | 1.60      | 1.64        | 1.65        | 1.64        |
| 45<br>(7.22)     | TCG | 29.90                                         | 28.70      | 27.40      | 26.10      | 24.80     | 23.20       | 21.50       | 19.50       |
|                  | SDT | 67.40                                         | 76.80      | 86.40      | 95.90      | 105.40    | 114.70      | 124.10      | 133.40      |
|                  | KW  | 1.34                                          | 1.42       | 1.49       | 1.54       | 1.59      | 1.62        | 1.64        | 1.62        |
| 50<br>(10.0)     | TCG | 33.10                                         | 31.70      | 30.30      | 28.90      | 27.40     | 25.70       | 23.80       | 21.70       |
|                  | SDT | 68.50                                         | 77.90      | 87.40      | 96.80      | 106.30    | 115.60      | 124.90      | 134.10      |
|                  | KW  | 1.31                                          | 1.39       | 1.47       | 1.53       | 1.58      | 1.61        | 1.62        | 1.61        |
| 55<br>(12.78)    | TCG | 36.40                                         | 34.90      | 33.40      | 31.80      | 30.10     | 28.30       | 26.20       | 24.00       |
|                  | SDT | 69.70                                         | 79.00      | 88.50      | 97.80      | 107.20    | 116.50      | 125.70      | 134.80      |
|                  | KW  | 1.26                                          | 1.36       | 1.44       | 1.51       | 1.56      | 1.60        | 1.61        | 1.60        |
| 60<br>(15.56)    | TCG | 40.00                                         | 38.30      | 36.60      | 34.90      | 33.00     | 31.00       | 28.80       | 26.30       |
|                  | SDT | 70.90                                         | 80.20      | 89.50      | 98.90      | 108.20    | 117.40      | 126.50      | 135.60      |
|                  | KW  | 1.22                                          | 1.33       | 1.42       | 1.49       | 1.55      | 1.58        | 1.60        | 1.58        |
| N4A748GKA - High |     |                                               |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 40.00                                         | 39.40      | 38.00      | 36.20      | 34.10     | 31.80       | 29.50       | 27.20       |
|                  | SDT | 71.70                                         | 81.50      | 91.20      | 100.70     | 110.10    | 119.60      | 129.20      | 139.00      |
|                  | KW  | 2.03                                          | 2.28       | 2.54       | 2.83       | 3.16      | 3.54        | 3.99        | 4.52        |
| 35<br>(1.67)     | TCG | 44.60                                         | 43.70      | 42.20      | 40.20      | 38.00     | 35.50       | 33.10       | 30.70       |
|                  | SDT | 73.30                                         | 83.00      | 92.60      | 102.10     | 111.50    | 120.90      | 130.40      | 140.10      |
|                  | KW  | 2.08                                          | 2.32       | 2.58       | 2.87       | 3.20      | 3.58        | 4.03        | 4.58        |
| 40<br>(4.44)     | TCG | 49.40                                         | 48.30      | 46.60      | 44.50      | 42.10     | 39.50       | 36.90       | 34.30       |
|                  | SDT | 75.00                                         | 84.60      | 94.10      | 103.50     | 112.80    | 122.20      | 131.70      | 141.30      |
|                  | KW  | 2.12                                          | 2.36       | 2.62       | 2.91       | 3.24      | 3.63        | 4.09        | 4.63        |
| 45<br>(7.22)     | TCG | 54.40                                         | 53.10      | 51.30      | 48.90      | 46.40     | 43.60       | 40.90       | 38.20       |
|                  | SDT | 76.70                                         | 86.20      | 95.60      | 104.90     | 114.20    | 123.50      | 132.90      | 142.50      |
|                  | KW  | 2.16                                          | 2.40       | 2.66       | 2.95       | 3.28      | 3.68        | 4.14        | 4.70        |
| 50<br>(10.0)     | TCG | 59.60                                         | 58.10      | 56.10      | 53.60      | 50.90     | 48.00       | 45.10       | 42.20       |
|                  | SDT | 78.40                                         | 87.80      | 97.10      | 106.30     | 115.60    | 124.80      | 134.20      | 143.60      |
|                  | KW  | 2.19                                          | 2.43       | 2.69       | 2.99       | 3.33      | 3.73        | 4.20        | 4.76        |
| 55<br>(12.78)    | TCG | 64.90                                         | 63.30      | 61.00      | 58.40      | 55.50     | 52.50       | 49.50       | 46.40       |
|                  | SDT | 80.10                                         | 89.40      | 98.60      | 107.80     | 116.90    | 126.20      | 135.40      | 144.80      |
|                  | KW  | 2.22                                          | 2.46       | 2.73       | 3.03       | 3.38      | 3.78        | 4.26        | 4.83        |
| 60<br>(15.56)    | TCG | 70.40                                         | 68.50      | 66.10      | 63.40      | 60.30     | 57.20       | 54.00       | 50.80       |
|                  | SDT | 81.80                                         | 91.00      | 100.20     | 109.20     | 118.30    | 127.50      | 136.60      | 145.90      |
|                  | KW  | 2.25                                          | 2.49       | 2.76       | 3.06       | 3.42      | 3.84        | 4.33        | 4.90        |
| N4A748GKA - Low  |     |                                               |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 28.80                                         | 27.80      | 26.40      | 24.60      | 22.60     | 20.30       | 17.80       | 15.10       |
|                  | SDT | 66.70                                         | 76.50      | 86.20      | 95.80      | 105.30    | 114.70      | 124.20      | 133.60      |
|                  | KW  | 1.47                                          | 1.67       | 1.90       | 2.15       | 2.43      | 2.75        | 3.11        | 3.52        |
| 35<br>(1.67)     | TCG | 32.00                                         | 30.90      | 29.40      | 27.60      | 25.40     | 0.00        | 20.40       | 17.60       |
|                  | SDT | 67.80                                         | 77.50      | 87.20      | 96.80      | 106.30    | 0.00        | 125.10      | 134.60      |
|                  | KW  | 1.44                                          | 1.65       | 1.88       | 2.13       | 2.42      | 0.00        | 3.10        | 3.51        |
| 40<br>(4.44)     | TCG | 35.50                                         | 34.30      | 32.70      | 30.80      | 28.50     | 26.00       | 23.30       | 20.30       |
|                  | SDT | 68.90                                         | 78.70      | 88.30      | 97.90      | 107.30    | 116.80      | 126.10      | 135.60      |
|                  | KW  | 1.41                                          | 1.63       | 1.86       | 2.12       | 2.40      | 2.73        | 3.09        | 3.50        |
| 45<br>(7.22)     | TCG | 39.20                                         | 38.00      | 36.30      | 34.30      | 31.90     | 29.30       | 26.40       | 23.20       |
|                  | SDT | 70.10                                         | 79.80      | 89.50      | 99.00      | 108.40    | 117.80      | 127.20      | 136.60      |
|                  | KW  | 1.39                                          | 1.60       | 1.84       | 2.10       | 2.39      | 2.72        | 3.08        | 3.50        |
| 50<br>(10.0)     | TCG | 43.30                                         | 42.00      | 40.20      | 38.10      | 35.60     | 32.80       | 29.70       | 0.00        |
|                  | SDT | 71.50                                         | 81.10      | 90.70      | 100.20     | 109.60    | 118.90      | 128.30      | 0.00        |
|                  | KW  | 1.36                                          | 1.58       | 1.82       | 2.09       | 2.38      | 2.70        | 3.07        | 0.00        |
| 55<br>(12.78)    | TCG | 47.70                                         | 46.30      | 44.40      | 42.20      | 39.60     | 36.60       | 33.40       | 30.00       |
|                  | SDT | 72.80                                         | 82.50      | 92.00      | 101.50     | 110.80    | 120.20      | 129.40      | 138.70      |
|                  | KW  | 1.33                                          | 1.56       | 1.80       | 2.07       | 2.36      | 2.69        | 3.06        | 3.47        |
| 60<br>(15.56)    | TCG | 52.50                                         | 51.00      | 49.00      | 46.60      | 43.90     | 40.80       | 37.40       | 33.80       |
|                  | SDT | 74.30                                         | 83.90      | 93.40      | 102.80     | 112.10    | 121.40      | 130.60      | 139.90      |
|                  | KW  | 1.30                                          | 1.53       | 1.78       | 2.05       | 2.35      | 2.68        | 3.05        | 3.46        |

See notes at end of section.

| SST<br>°F (°C)   |     | CONDENSER ENTERING AIR TEMPERATURES °F (°C) |            |            |            |           |             |             |             |
|------------------|-----|---------------------------------------------|------------|------------|------------|-----------|-------------|-------------|-------------|
|                  |     | 55 (12.78)                                  | 65 (18.33) | 75 (23.89) | 85 (29.44) | 95 (35.0) | 105 (40.56) | 115 (46.11) | 125 (51.67) |
| N4A760GKA - High |     |                                             |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 49.90                                       | 47.90      | 45.90      | 43.90      | 41.70     | 39.30       | 36.50       | 33.30       |
|                  | SDT | 72.70                                       | 81.80      | 91.10      | 100.50     | 109.90    | 119.20      | 128.50      | 137.70      |
|                  | KW  | 2.48                                        | 2.75       | 3.06       | 3.41       | 3.81      | 4.27        | 4.78        | 5.36        |
| 35<br>(1.67)     | TCG | 55.00                                       | 52.80      | 50.70      | 48.60      | 46.20     | 43.60       | 40.60       | 37.10       |
|                  | SDT | 74.30                                       | 83.40      | 92.60      | 101.90     | 111.20    | 120.40      | 129.60      | 138.80      |
|                  | KW  | 2.54                                        | 2.80       | 3.11       | 3.46       | 3.86      | 4.32        | 4.85        | 5.44        |
| 40<br>(4.44)     | TCG | 60.50                                       | 58.20      | 55.90      | 53.60      | 51.00     | 48.20       | 44.90       | 41.30       |
|                  | SDT | 76.00                                       | 85.00      | 94.20      | 103.40     | 112.60    | 121.70      | 130.80      | 139.90      |
|                  | KW  | 2.60                                        | 2.86       | 3.16       | 3.51       | 3.92      | 4.38        | 4.91        | 5.51        |
| 45<br>(7.22)     | TCG | 66.40                                       | 63.90      | 61.50      | 59.00      | 56.20     | 53.10       | 49.60       | 45.70       |
|                  | SDT | 77.80                                       | 86.70      | 95.80      | 104.90     | 114.00    | 123.10      | 132.10      | 141.10      |
|                  | KW  | 2.67                                        | 2.92       | 3.22       | 3.57       | 3.98      | 4.45        | 4.98        | 5.58        |
| 50<br>(10.0)     | TCG | 72.70                                       | 70.10      | 67.50      | 64.70      | 61.70     | 58.40       | 54.60       | 50.40       |
|                  | SDT | 79.70                                       | 88.60      | 97.50      | 106.50     | 115.50    | 124.50      | 133.40      | 142.20      |
|                  | KW  | 2.75                                        | 2.99       | 3.29       | 3.64       | 4.05      | 4.52        | 5.05        | 5.66        |
| 55<br>(12.78)    | TCG | 79.60                                       | 76.70      | 73.90      | 70.80      | 67.60     | 64.00       | 59.90       | 55.40       |
|                  | SDT | 81.80                                       | 90.50      | 99.40      | 108.30     | 117.10    | 126.00      | 134.80      | 143.50      |
|                  | KW  | 2.83                                        | 3.07       | 3.36       | 3.71       | 4.12      | 4.59        | 5.13        | 5.74        |
| 60<br>(15.56)    | TCG | 86.80                                       | 83.80      | 80.70      | 77.40      | 73.90     | 69.90       | 65.60       | 60.80       |
|                  | SDT | 84.00                                       | 92.60      | 101.30     | 110.00     | 118.80    | 127.50      | 136.10      | 144.70      |
|                  | KW  | 2.91                                        | 3.15       | 3.44       | 3.79       | 4.20      | 4.67        | 5.21        | 5.82        |
| N4A760GKA - Low  |     |                                             |            |            |            |           |             |             |             |
| 30<br>(- 1.11)   | TCG | 33.30                                       | 32.50      | 31.00      | 29.00      | 26.50     | 23.70       | 20.70       | 17.50       |
|                  | SDT | 66.60                                       | 76.30      | 85.90      | 95.30      | 104.70    | 113.90      | 123.10      | 132.30      |
|                  | KW  | 1.73                                        | 1.97       | 2.23       | 2.53       | 2.87      | 3.24        | 3.66        | 4.13        |
| 35<br>(1.67)     | TCG | 37.30                                       | 36.30      | 34.70      | 32.50      | 29.90     | 27.00       | 23.90       | 20.50       |
|                  | SDT | 67.80                                       | 77.50      | 87.10      | 96.50      | 105.70    | 115.00      | 124.10      | 133.30      |
|                  | KW  | 1.71                                        | 1.95       | 2.22       | 2.52       | 2.86      | 3.24        | 3.66        | 4.13        |
| 40<br>(4.44)     | TCG | 41.50                                       | 40.40      | 38.60      | 36.30      | 33.60     | 30.50       | 27.20       | 23.70       |
|                  | SDT | 69.20                                       | 78.80      | 88.30      | 97.60      | 106.90    | 116.00      | 125.10      | 134.30      |
|                  | KW  | 1.68                                        | 1.93       | 2.20       | 2.51       | 2.85      | 3.23        | 3.66        | 4.13        |
| 45<br>(7.22)     | TCG | 46.10                                       | 44.70      | 42.80      | 40.40      | 37.50     | 34.30       | 30.80       | 27.10       |
|                  | SDT | 70.60                                       | 80.20      | 89.50      | 98.80      | 108.00    | 117.10      | 126.20      | 135.20      |
|                  | KW  | 1.66                                        | 1.91       | 2.19       | 2.50       | 2.84      | 3.23        | 3.65        | 4.13        |
| 50<br>(10.0)     | TCG | 50.90                                       | 49.40      | 47.30      | 44.70      | 41.70     | 38.30       | 34.70       | 30.80       |
|                  | SDT | 72.10                                       | 81.50      | 90.80      | 100.00     | 109.20    | 118.20      | 127.20      | 136.30      |
|                  | KW  | 1.63                                        | 1.89       | 2.17       | 2.48       | 2.83      | 3.21        | 3.64        | 4.12        |
| 55<br>(12.78)    | TCG | 56.10                                       | 54.30      | 52.10      | 49.30      | 46.10     | 42.50       | 38.70       | 34.70       |
|                  | SDT | 73.60                                       | 83.00      | 92.20      | 101.30     | 110.40    | 119.40      | 128.40      | 137.30      |
|                  | KW  | 1.60                                        | 1.86       | 2.14       | 2.46       | 2.81      | 3.20        | 3.64        | 4.11        |
| 60<br>(15.56)    | TCG | 61.50                                       | 59.60      | 57.10      | 54.20      | 50.80     | 47.00       | 43.00       | 38.80       |
|                  | SDT | 75.20                                       | 84.40      | 93.60      | 102.60     | 111.70    | 120.60      | 129.50      | 138.40      |
|                  | KW  | 1.57                                        | 1.83       | 2.12       | 2.44       | 2.79      | 3.19        | 3.62        | 4.10        |

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

**KW** - Outdoor Unit Kilowatts Only.

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

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

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

**Accessory Description and Usage (Listed Alphabetically)****1. Ball-Bearing Fan Motor**

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

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

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

Usage Guideline:

Required for reciprocating compressors in the following applications:

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

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

- Long line
- Low ambient cooling

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

**3. Compressor Start Assist — PTC Type**

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

Usage Guideline:

Suggested in installations for single-phase units with marginal power supply.

**4. Crankcase Heater**

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

Usage Guideline:

- Required in low ambient cooling applications.
- Required in long line applications.
- Suggested in all commercial applications.

**5. Evaporator Freeze Thermostat**

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

Usage Guideline:

Required when low ambient kit has been added.

**6. Isolation Relay**

An SPDT relay which switches the low-ambient controller out of the outdoor fan motor circuit when the heat pump switches to heating mode.

Usage Guideline:

Required in all heat pumps where low ambient kit has been added.

**7. 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.

**8. Low-Ambient Pressure Switch Kit**

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

Usage Guideline:

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

**9. Sound Jacket**

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

Usage Guideline:

Suggested when unit is installed closer than 15 ft. (4.577 m) to quiet areas, bedrooms, etc.  
Suggested when unit is installed between two houses less than 10 ft. (3.05 m) apart.

**10. 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.

Usage Guideline:

Accessory required to meet AHRI rating and system reliability, where indoor not equipped.  
Required in all heat pump applications designed with R-410A refrigerant.

**11. Time-Delay Relay**

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

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

Usage Guideline:

Accessory required to meet AHRI rating, where indoor not equipped.

## ACCESSORY USAGE GUIDELINE

| Accessory                          | REQUIRED FOR<br>LOW- AMBIENT<br>APPLICATIONS<br>{Below 55°F (13°C)} | REQUIRED FOR<br>LONG- LINE<br>APPLICATIONS* |
|------------------------------------|---------------------------------------------------------------------|---------------------------------------------|
| Crankcase Heater                   | <b>Yes</b>                                                          | <b>Yes</b>                                  |
| Evaporator Freeze Thermostat       | <b>Yes</b>                                                          | No                                          |
| Winter Start Control               | <b>Yes**</b>                                                        | No                                          |
| TXV                                | <b>Yes</b>                                                          | <b>Yes†</b>                                 |
| Hard Start Kit (Capacitor & Relay) | <b>Yes</b>                                                          | <b>Yes</b>                                  |
| Low Ambient Kit (Pressure Switch)  | <b>Yes</b>                                                          | No                                          |
| Support Feet, 4" (102mm) tall      | Recommended                                                         | No                                          |

\* Refer to the Long Line Application Guideline document.

\*\* Can only be installed in conjunction with the Low Pressure Switch

† TXV required beyond 20 ft (6.1m) vertical separation or 50 ft (15.2) total length.

## ACCESSORIES

| Part Number | Description                                             | Used On<br>Model Size |
|-------------|---------------------------------------------------------|-----------------------|
| NASA00601CH | Crankcase Heater for Scroll Compressor                  | 24, 36                |
| NASA001SC   | Start Component - PTC Device                            | ALL                   |
| NASA00201FS | Evaporator Freeze Thermostat                            | ALL                   |
| NASA401LS   | Liquid Line Solenoid Valve, R- 410A                     | ALL                   |
| NASA001TD   | Time Delay Relay, Indoor Blower                         | ALL                   |
| NASA00201WS | Winter Start Control                                    | ALL                   |
| NASA001AC   | Anti- Cycle Timer (5 minute delay)                      | ALL                   |
| NASA012SC   | Hard Start Kit (Capacitor & Relay)                      | ALL                   |
| NASA401LA   | Low Ambient Kit (Pressure Switch), R- 410A              | ALL                   |
| NASA00106SS | Snow Stand Kit                                          | ALL                   |
| NASA001SF   | Support Feet, 4" (102mm) tall                           | 42                    |
| NASA00201SJ | Sound Jacket, Compressor                                | 24, 36                |
| NASA00101SJ | Sound Jacket, Compressor                                | 48, 60                |
| NAEA40501TX | TXV Kit, R- 410A - for use with copper or tin fan coils | 24                    |
| NAEA40601TX | TXV Kit, R- 410A - for use with copper or tin fan coils | 36                    |
| NAEA40701TX | TXV Kit, R- 410A - for use with copper or tin fan coils | 48, 60                |
| NAEB40501TX | TXV Kit, R- 410A - for use with aluminum fan coils      | 24                    |
| NAEB40601TX | TXV Kit, R- 410A - for use with aluminum fan coils      | 36                    |
| NAEB40701TX | TXV Kit, R- 410A - for use with aluminum fan coils      | 48, 60                |