

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.



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 (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 (792 x 792 x 901) | 230/191(104/87) |
| N4A748GKA | 4 | 48,000 | 27.8 | 40 | 35 x 35 x 38- 7/8 (889 x 889 x 988) | 295/253 (134/115) |
| N4A760GKA | 5 | 60,000 | 37.3 | 60 | 35 x 35 x 38- 7/8 (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 |
| T = Tempstar Mainline | | | | | | | | | | | |
| N = Tempstar Entry | | BRANDING | | | | | | | | | |
| 4 = R-410A | | REFRIGERANT | | | | | | | | | |
| A = Air Conditioner | | | | | | | | | | | |
| H = Heat Pump | | | TYPE | | | | | | | | |
| 7 = 17 SEER | | | NOMINAL EFFICIENCY | | | | | | | | |
| 24 = 24,000 BTUH = 2 tons | | | | | | | | | | | |
| 36 = 36,000 BTUH = 3 tons | | | | | | | | | | | |
| 48 = 48,000 BTUH = 4 tons | | | | | | | | | | | |
| 60 = 60,000 BTUH = 5 tons | | | | | | | | | | | |
| NOMINAL CAPACITY | | | | | | | | | | | |
| 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 | 01 | 01 | CH | |
| N = Non-Branded | | BRANDING | | | | | | | |
| A = Accessory | | PRODUCT GROUP | | | | | | | |
| S = Split System (AC & HP) | | | KIT USAGE | | | | | | |
| A = Original | | | | | | | | | |
| B = 2nd Generation | | MAJOR SERIES | | | | | | | |
| 0 = Generic or Not Applicable | | | | | | | | | |
| 4 = R-410A | | REFRIGERANT | | | | | | | |
| 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 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 (dBA, without tone adjustment) | | | | | | |
|-----------|-----------------------|---|------|------|------|------|------|------|
| | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 24 | 73 - High Stage | 49.0 | 58.0 | 66.5 | 69.5 | 64.0 | 61.0 | 57.5 |
| | 74 - Low Stage | 52.0 | 59.5 | 67.0 | 69.5 | 64.0 | 61.0 | 55.0 |
| 36 | 74 - High Stage | 53.5 | 61.5 | 68.0 | 71.0 | 65.0 | 62.5 | 57.5 |
| | 74 - Low Stage | 54.0 | 61.5 | 67.5 | 68.0 | 64.5 | 63.0 | 56.0 |
| 48 | 75 - High Stage | 54.5 | 59.5 | 67.0 | 68.0 | 63.0 | 60.0 | 53.5 |
| | 74 - Low Stage | 55.5 | 61.5 | 67.0 | 66.0 | 62.5 | 60.5 | 55.0 |
| 60 | 75 - High Stage | 54.0 | 59.0 | 65.5 | 71.0 | 64.0 | 61.5 | 57.5 |
| | 74 - Low Stage | 55.0 | 61.5 | 65.5 | 69.5 | 64.5 | 64.0 | 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 (dBA, without tone adjustment) | | | | | | |
|-----------|-----------------------|---|------|------|------|------|------|------|
| | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 24 | 72 - High Stage | 50.5 | 57.5 | 66.0 | 68.0 | 63.5 | 60.5 | 54.5 |
| | 73 - Low Stage | 53.0 | 59.0 | 66.5 | 68.0 | 63.5 | 60.5 | 53.5 |
| 36 | 72 - High Stage | 55.0 | 60.5 | 66.5 | 68.0 | 64.5 | 61.5 | 54.0 |
| | 72 - Low Stage | 55.5 | 61.0 | 67.0 | 67.5 | 64.5 | 62.0 | 54.0 |
| 48 | 72 - High Stage | 54.5 | 59.5 | 66.5 | 67.0 | 62.0 | 59.0 | 52.5 |
| | 71 - Low Stage | 55.0 | 60.5 | 66.0 | 65.0 | 62.0 | 59.5 | 53.0 |
| 60 | 74 - High Stage | 55.5 | 59.5 | 65.5 | 69.5 | 63.0 | 59.0 | 57.0 |
| | 72 - Low Stage | 56.5 | 61.0 | 65.5 | 68.0 | 63.5 | 60.5 | 55.0 |

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

METERING DEVICE

| UNIT SIZE - SERIES | INDOOR 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 (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: (0.27 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: (0.40 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 Nominal Size (Btuh) | Maximum Liquid Line Diameters (In. OD) | Vapor Line Diameters (In. OD) | Cooling Capacity Loss (%) | | | | | | | | |
|-----------------------------|--|-------------------------------|--------------------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | | Total Equivalent Line Length ft. (m) | | | | | | | | |
| | | | 26- 50 (7.9- 15.2) | 51- 80 (15.5- 24.4) | 81- 100 (24.7- 30.5) | 101- 125 (30.8- 38.1) | 126- 150 (38.4- 45.7) | 151- 175 (46.0- 53.3) | 176- 200 (53.6- 61.0) | 201- 225 (61.3- 68.6) | 226- 250 (68.9- 76.2) |
| 24000 AC with 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 AC with 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 AC with 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 AC with 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

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

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

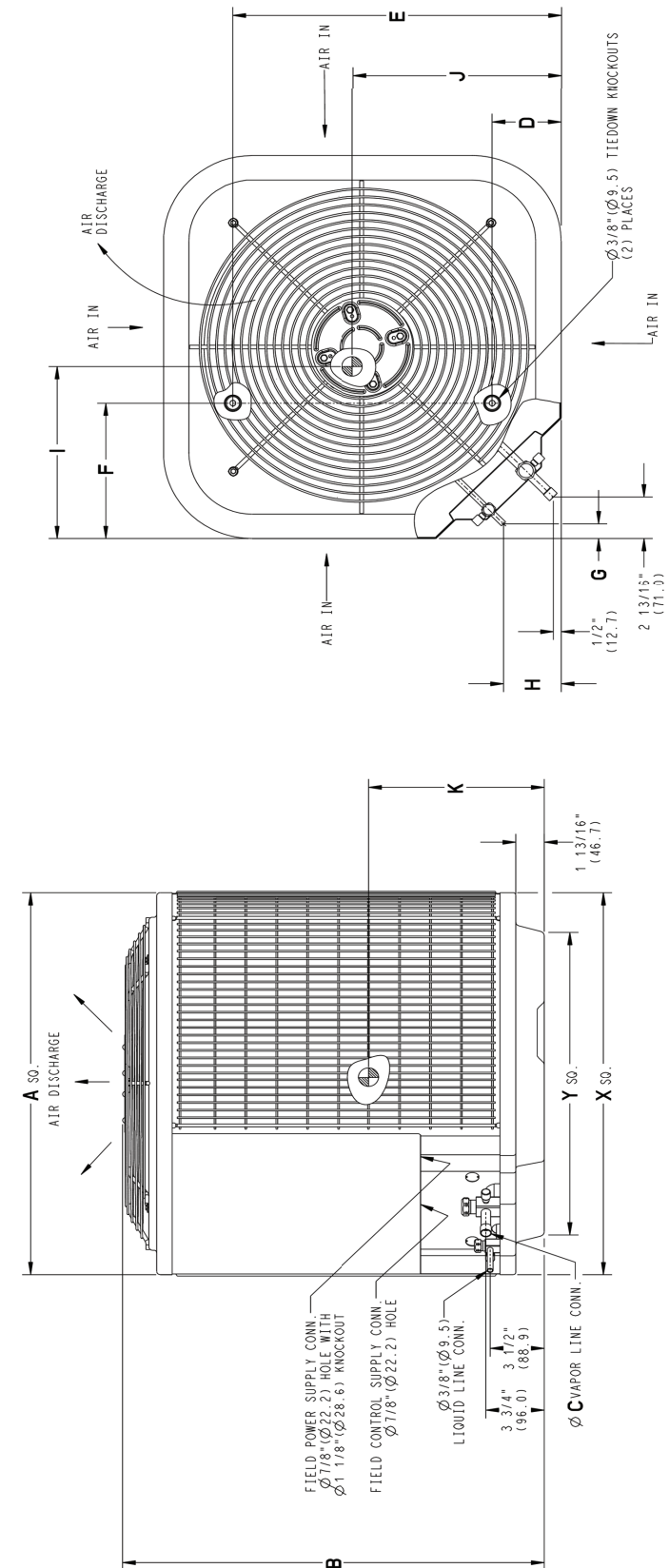
Or scan this QR code:



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 | INCH | MM | INCH | MM | INCH | MM | |
| N4A724GKA101 | 1 | Y | N | N | 31 3/16 | 792.5 | 35 1/2 | 901.4 | 3/4 | 19.1 | 6 9/16 | 166.1 | 24 11/16 | 626.3 | 9 1/8 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 16 | 406.4 | 15 1/2 | 393.7 | 16 1/8 | 408.6 | 167 | 75.7 | 206 | 93.4 | 33 5/16 | 846.6 | 40 | 1015.8 |
| N4A736GKA101 | 1 | Y | N | N | 31 3/16 | 792.5 | 35 1/2 | 901.4 | 7/8 | 22.2 | 6 9/16 | 166.1 | 24 11/16 | 626.3 | 9 1/8 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 15 3/4 | 400.1 | 15 1/2 | 393.7 | 15 | 381.0 | 191 | 86.6 | 230 | 104.3 | 33 5/16 | 846.6 | 40 | 1015.8 |
| N4A748GKA101 | 1 | Y | N | N | 35 | 889.0 | 38 7/8 | 987.8 | 7/8 | 22.2 | 6 9/16 | 166.1 | 28 7/16 | 722.8 | 9 1/8 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 18 1/2 | 469.9 | 16 1/2 | 419.1 | 17 | 431.8 | 253 | 114.8 | 295 | 133.8 | 37 1/8 | 943.1 | 43 | 1102.2 |
| N4A760GKA101 | 1 | Y | N | N | 35 | 889.0 | 38 7/8 | 987.8 | 7/8 | 22.2 | 6 9/16 | 166.1 | 28 7/16 | 722.8 | 9 1/8 | 231.3 | 5/16 | 7.9 | 3 | 76.2 | 17 3/4 | 450.9 | 16 1/2 | 419.1 | 17 | 431.8 | 258 | 117.0 | 289 | 135.6 | 37 1/8 | 943.1 | 43 | 1102.2 |

| | | |
|--------------|-----------------|----------|
| 208-230-1-60 | Y= YES N= NO | 575-3-60 |
| 460-3-60 | | |
| 208/230-3-60 | | |



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

NOTE: ALL DIMENSIONS IN INCH (MM)

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

SD5499-4 REV. A

SD5319 - 4 REV A

DETAILED COOLING CAPACITIES#

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES °F (°C) | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|----------------|----------------|-----------|----------------------|----------------|---------|----------------------|----------------|------------|----------------------|----------------|------------|----------------------|----------------|------------|----------------------|----------------|-------|----------------------|
| | | 75 (23.9) | | | 85 (29.4) | | | 95 (35) | | | 105 (40.6) | | | 115 (46.1) | | | 125 (51.7) | | | | |
| | | CFM | EWB °F (°C) | Capacity MBtuh | | Total 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† | |
| 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 | 19.22 | 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 | 14.58 | 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 | 15.21 | 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 | |
| | 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 | |
| 650 | 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 | |
| | 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 | |
| 700 | 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 | |
| | 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 | |
| 750 | 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 | |
| | 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 | |
| 800 | 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 | |
| | 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 | |
| 850 | 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) | | 25.69 | 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) | | | | | | | | | | | | | | | | | |
|----------------|------------|--|----------------|----------------|-----------|-----------------------|----------------|---------|-----------------------|----------------|------------|-----------------------|----------------|------------|-----------------------|----------------|------------|-----------------------|--|
| | | 75 (23.9) | | | 85 (29.4) | | | 95 (35) | | | 105 (40.6) | | | 115 (46.1) | | | 125 (51.7) | | |
| | | CFM | EWB °F (°C) | Capacity MBtuh | | Total Sys. KW** | Capacity MBtuh | | Total Sys. KW** | Capacity MBtuh | | Total Sys. KW** | Capacity MBtuh | | Total Sys. KW** | Capacity MBtuh | | Total Sys. KW** | |
| Total | Sens† | | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | Total | Sens† | | |
| | | N4A724GKA Outdoor Section With EN(A,D)X3117** Indoor Section - Low | | | | | | | | | | | | | | | | | |
| | 57 (13.9) | 17.13 | 17.13 | 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 | 16.39 | 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 | | |
| 450 | 63 (17.2)† | 18.60 | 12.88 | 16.73 | 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 | 13.99 | 18.19 | 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 | 20.09 | 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 | | |
| | 57 (13.9) | 17.84 | 17.84 | 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 | 16.76 | 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 | | |
| 500 | 63 (17.2)† | 19.01 | 13.53 | 17.08 | 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 | 18.50 | 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 | 20.48 | 1.26 | 18.21 | 9.44 | 1.43 | 16.01 | 8.45 | 1.63 | 13.93 | 7.51 | 1.85 | 11.99 | 6.82 | 2.11 | | |
| | 57 (13.9) | 18.47 | 18.47 | 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 | 17.07 | 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 | | |
| 550 | 63 (17.2)† | 19.35 | 14.16 | 17.35 | 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 | 18.79 | 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 | 20.78 | 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 | | |
| | 57 (13.9) | 19.02 | 19.02 | 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 | 17.35 | 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 | | |
| 600 | 63 (17.2)† | 19.62 | 14.78 | 17.58 | 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 | 19.03 | 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 | 21.03 | 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 | | |
| | 57 (13.9) | 19.52 | 19.52 | 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 | 17.81 | 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 | | |
| 650 | 63 (17.2)† | 19.85 | 15.37 | 17.77 | 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 | 19.23 | 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 | 21.23 | 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 | | |
| | 57 (13.9) | 19.78 | 19.78 | 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 | 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 | | |
| 660 | 63 (17.2)† | 19.97 | 15.73 | 17.87 | 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 | 19.33 | 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 | 21.33 | 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 | | |
| | 57 (13.9) | 19.96 | 19.96 | 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 | 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 | | |
| 700 | 63 (17.2)† | 20.04 | 15.96 | 17.93 | 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 | 19.39 | 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 | 21.39 | 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

Table with columns for Evaporator Air, Condenser Entering Air Temperatures (°F (C)), and Capacity (Capacity MBTUH, Total Sys. KW, Capacity Total, Total Sys. KW, Capacity MBTUH, Total Sys. KW, Capacity Total, Total Sys. KW) for various CFM values (900, 975, 1050, 1200, 1350, 720, 780, 840, 980, 1080) and temperature ranges (75 (23.9), 85 (29.4), 95 (35), 105 (40.6), 115 (46.1), 125 (51.7)).

DETAILED COOLING CAPACITIES# CONTINUED

| EVAPORATOR AIR | | 75 (23.9) | | 85 (29.4) | | 95 (35) | | 105 (40.6) | | 115 (46.1) | | 125 (51.7) | |
|--|-------------|----------------------|------------------|-----------|----------------------|------------------|------|----------------------|------------------|------------|----------------------|------------------|------|
| CFM | EWB °F (°C) | Capacity MBtuh Total | Total Sys. KW/** | | Capacity MBtuh Total | Total Sys. KW/** | | Capacity MBtuh Total | Total Sys. KW/** | | Capacity MBtuh Total | Total Sys. KW/** | |
| | | | Sens† | Lat | | Sens† | Lat | | Sens† | Lat | | Sens† | Lat |
| CONDENSER ENTERING AIR TEMPERATURES °F (°C) | | | | | | | | | | | | | |
| N4A748GKA Outdoor Section With EA*4X61L24A* Indoor Section - High | | | | | | | | | | | | | |
| 57 (13.9) | 44.81 | 44.81 | 3.12 | 3.43 | 43.25 | 41.48 | 3.79 | 3.79 | 39.59 | 38.59 | 37.63 | 35.66 | 5.28 |
| 62 (16.7) | 47.79 | 40.93 | 3.14 | 3.45 | 41.41 | 38.92 | 3.80 | 3.80 | 40.97 | 37.66 | 36.48 | 36.03 | 5.29 |
| 63 (17.2)†† | 48.76 | 33.72 | 3.15 | 3.46 | 44.28 | 31.63 | 3.81 | 3.81 | 41.77 | 30.48 | 29.33 | 36.65 | 5.30 |
| 67 (19.4) | 52.67 | 34.96 | 3.17 | 3.48 | 47.84 | 32.88 | 3.84 | 3.84 | 45.17 | 31.74 | 30.61 | 39.73 | 5.33 |
| 72 (22.2) | 57.99 | 28.83 | 3.19 | 3.51 | 52.75 | 28.77 | 3.87 | 3.87 | 49.88 | 28.64 | 28.46 | 44.00 | 5.39 |
| 57 (13.9) | 46.17 | 46.17 | 3.17 | 3.48 | 44.53 | 42.68 | 3.84 | 3.84 | 40.70 | 40.70 | 38.66 | 36.59 | 5.33 |
| 62 (16.7) | 48.57 | 42.76 | 3.18 | 3.49 | 44.07 | 40.61 | 3.85 | 3.85 | 41.57 | 39.42 | 38.18 | 36.28 | 5.33 |
| 63 (17.2)†† | 49.51 | 34.97 | 3.19 | 3.50 | 44.88 | 32.84 | 3.85 | 3.85 | 42.30 | 31.68 | 30.51 | 37.07 | 5.33 |
| 67 (19.4) | 53.44 | 36.30 | 3.21 | 3.52 | 49.47 | 34.18 | 3.88 | 3.88 | 45.73 | 33.03 | 31.88 | 40.14 | 5.38 |
| 72 (22.2) | 58.81 | 29.66 | 3.23 | 3.55 | 53.42 | 27.54 | 3.91 | 3.91 | 50.45 | 26.45 | 25.33 | 44.43 | 5.43 |
| 57 (13.9) | 47.41 | 47.41 | 3.21 | 3.52 | 43.76 | 43.76 | 3.88 | 3.88 | 41.70 | 41.70 | 39.57 | 37.43 | 5.38 |
| 62 (16.7) | 49.26 | 44.55 | 3.22 | 3.53 | 44.66 | 42.36 | 3.89 | 3.89 | 42.14 | 41.11 | 40.07 | 37.49 | 5.38 |
| 63 (17.2)†† | 50.14 | 36.17 | 3.23 | 3.54 | 45.39 | 34.03 | 3.90 | 3.90 | 42.76 | 32.85 | 31.67 | 37.39 | 5.38 |
| 67 (19.4) | 54.09 | 37.59 | 3.25 | 3.56 | 49.00 | 35.45 | 3.92 | 3.92 | 46.19 | 34.30 | 33.12 | 40.48 | 5.42 |
| 72 (22.2) | 59.49 | 30.46 | 3.27 | 3.59 | 53.97 | 28.30 | 3.95 | 3.95 | 50.93 | 27.20 | 26.09 | 44.77 | 5.48 |
| 57 (13.9) | 48.54 | 48.54 | 3.26 | 3.57 | 44.74 | 44.74 | 3.93 | 3.93 | 42.60 | 42.60 | 40.40 | 38.18 | 5.43 |
| 62 (16.7) | 49.88 | 46.31 | 3.27 | 3.58 | 45.23 | 44.03 | 3.93 | 3.93 | 43.10 | 41.75 | 40.47 | 38.24 | 5.43 |
| 63 (17.2)†† | 50.69 | 37.36 | 3.27 | 3.58 | 45.22 | 35.19 | 3.94 | 3.94 | 43.13 | 33.99 | 32.82 | 37.68 | 5.42 |
| 67 (19.4) | 54.66 | 38.86 | 3.29 | 3.60 | 49.45 | 36.70 | 3.96 | 3.96 | 46.58 | 35.53 | 34.36 | 40.78 | 5.46 |
| 72 (22.2) | 60.09 | 31.19 | 3.31 | 3.63 | 54.40 | 29.10 | 3.99 | 3.99 | 51.32 | 27.97 | 26.84 | 45.05 | 5.52 |
| 57 (13.9) | 49.57 | 49.57 | 3.30 | 3.61 | 45.63 | 45.63 | 3.97 | 3.97 | 43.42 | 43.42 | 41.15 | 38.86 | 5.48 |
| 62 (16.7) | 50.46 | 48.01 | 3.31 | 3.62 | 46.02 | 45.05 | 3.98 | 3.98 | 43.49 | 43.49 | 41.21 | 38.92 | 5.48 |
| 63 (17.2)†† | 51.16 | 38.52 | 3.31 | 3.62 | 46.19 | 36.32 | 3.98 | 3.98 | 43.46 | 35.12 | 33.92 | 37.92 | 5.47 |
| 67 (19.4) | 55.13 | 40.11 | 3.33 | 3.64 | 49.85 | 37.93 | 4.00 | 4.00 | 46.91 | 36.75 | 34.39 | 41.04 | 5.50 |
| 72 (22.2) | 60.59 | 31.95 | 3.35 | 3.67 | 54.78 | 29.83 | 4.03 | 4.03 | 51.65 | 28.70 | 27.56 | 45.28 | 5.56 |
| 57 (13.9) | 50.51 | 50.51 | 3.34 | 3.66 | 46.44 | 46.44 | 4.02 | 4.02 | 44.16 | 44.16 | 41.83 | 39.47 | 5.53 |
| 62 (16.7) | 51.01 | 48.51 | 3.35 | 3.66 | 46.53 | 46.53 | 4.04 | 4.04 | 44.23 | 44.23 | 41.89 | 39.53 | 5.53 |
| 63 (17.2)†† | 51.57 | 39.66 | 3.35 | 3.66 | 46.52 | 37.44 | 4.02 | 4.02 | 43.77 | 36.24 | 35.02 | 38.15 | 5.51 |
| 67 (19.4) | 55.56 | 41.33 | 3.37 | 3.68 | 50.13 | 39.12 | 4.04 | 4.04 | 47.24 | 37.96 | 36.75 | 41.26 | 5.55 |
| 72 (22.2) | 60.99 | 32.71 | 3.39 | 3.71 | 55.11 | 30.57 | 4.07 | 4.07 | 51.93 | 29.42 | 28.27 | 45.47 | 5.60 |
| N4A748GKA Outdoor Section With EA*4X61L24A* Indoor Section - Low | | | | | | | | | | | | | |
| 57 (13.9) | 33.80 | 33.80 | 2.21 | 2.49 | 28.39 | 28.39 | 2.81 | 2.81 | 25.62 | 25.62 | 22.86 | 20.12 | 4.04 |
| 62 (16.7) | 35.36 | 31.84 | 2.19 | 2.48 | 29.07 | 27.57 | 2.80 | 2.80 | 25.88 | 25.39 | 22.90 | 20.16 | 4.04 |
| 63 (17.2)†† | 36.13 | 25.91 | 2.19 | 2.48 | 29.70 | 22.17 | 2.80 | 2.80 | 26.40 | 20.29 | 18.43 | 19.90 | 4.05 |
| 67 (19.4) | 39.28 | 27.05 | 2.16 | 2.45 | 32.41 | 23.24 | 2.78 | 2.78 | 28.90 | 21.33 | 19.44 | 21.95 | 4.03 |
| 72 (22.2) | 43.74 | 22.16 | 2.13 | 2.43 | 36.26 | 18.83 | 2.75 | 2.75 | 32.44 | 17.14 | 15.48 | 24.87 | 4.00 |
| 57 (13.9) | 34.44 | 34.44 | 2.22 | 2.50 | 28.92 | 28.92 | 2.82 | 2.82 | 26.09 | 26.09 | 23.27 | 20.47 | 4.06 |
| 62 (16.7) | 35.71 | 32.77 | 2.21 | 2.50 | 29.37 | 28.41 | 2.82 | 2.82 | 26.34 | 25.76 | 23.31 | 20.51 | 4.06 |
| 63 (17.2)†† | 36.47 | 26.56 | 2.20 | 2.49 | 29.95 | 22.75 | 2.82 | 2.82 | 26.62 | 20.84 | 18.94 | 20.04 | 4.06 |
| 67 (19.4) | 39.65 | 27.74 | 2.18 | 2.47 | 32.68 | 23.87 | 2.80 | 2.80 | 29.13 | 21.92 | 19.99 | 22.11 | 4.04 |
| 72 (22.2) | 44.16 | 22.60 | 2.15 | 2.44 | 36.57 | 19.21 | 2.77 | 2.77 | 32.70 | 17.51 | 15.82 | 25.04 | 4.02 |
| 57 (13.9) | 36.44 | 34.83 | 2.24 | 2.53 | 30.67 | 28.81 | 2.85 | 2.85 | 27.08 | 27.08 | 24.13 | 21.21 | 4.09 |
| 62 (16.7) | 37.95 | 30.96 | 2.25 | 2.54 | 32.90 | 29.98 | 2.85 | 2.85 | 27.03 | 27.03 | 24.09 | 21.17 | 4.09 |
| 63 (17.2)†† | 38.71 | 27.95 | 2.24 | 2.53 | 30.44 | 24.01 | 2.85 | 2.85 | 27.02 | 25.02 | 23.05 | 20.31 | 4.10 |
| 67 (19.4) | 40.33 | 29.26 | 2.21 | 2.50 | 33.20 | 25.22 | 2.83 | 2.83 | 29.56 | 23.20 | 21.19 | 22.40 | 4.08 |
| 72 (22.2) | 44.91 | 23.52 | 2.18 | 2.48 | 37.13 | 20.06 | 2.81 | 2.81 | 33.17 | 18.29 | 16.56 | 25.33 | 4.06 |
| 57 (13.9) | 37.37 | 37.37 | 2.29 | 2.58 | 31.30 | 31.30 | 2.90 | 2.90 | 28.20 | 28.20 | 25.10 | 22.04 | 4.14 |
| 62 (16.7) | 37.95 | 36.41 | 2.29 | 2.58 | 31.35 | 31.35 | 2.90 | 2.90 | 28.24 | 28.24 | 25.14 | 22.07 | 4.14 |
| 63 (17.2)†† | 37.84 | 29.90 | 2.29 | 2.58 | 31.35 | 25.76 | 2.91 | 2.91 | 27.48 | 23.68 | 21.61 | 20.64 | 4.16 |
| 67 (19.4) | 41.11 | 31.35 | 2.26 | 2.56 | 33.79 | 27.13 | 2.88 | 2.88 | 30.06 | 24.99 | 22.89 | 22.74 | 4.13 |
| 72 (22.2) | 45.75 | 24.82 | 2.23 | 2.53 | 37.75 | 21.20 | 2.86 | 2.86 | 33.68 | 19.39 | 17.60 | 25.63 | 4.11 |
| 57 (13.9) | 36.81 | 36.81 | 2.34 | 2.63 | 32.42 | 32.42 | 2.95 | 2.95 | 29.18 | 29.18 | 26.75 | 22.76 | 4.19 |
| 62 (16.7) | 38.81 | 35.68 | 2.34 | 2.63 | 32.47 | 32.47 | 2.95 | 2.95 | 29.23 | 29.23 | 26.99 | 22.79 | 4.19 |
| 63 (17.2)†† | 38.40 | 31.79 | 2.34 | 2.63 | 31.40 | 27.46 | 2.94 | 2.94 | 27.84 | 25.28 | 23.52 | 20.96 | 4.21 |
| 67 (19.4) | 41.71 | 33.40 | 2.32 | 2.61 | 34.23 | 28.98 | 2.94 | 2.94 | 30.44 | 26.75 | 24.52 | 23.04 | 4.19 |
| 72 (22.2) | 46.37 | 26.04 | 2.29 | 2.58 | 38.18 | 22.34 | 2.91 | 2.91 | 34.02 | 20.49 | 18.61 | 25.84 | 4.17 |

See notes at end of section

CONDENSER ONLY RATINGS

| SST ° F (° C) | | CONDENSER ENTERING AIR TEMPERATURES ° F (° C) | | | | | | | |
|-------------------------|-----|---|------------|------------|------------|-----------|-------------|-------------|-------------|
| | | 55 (12.78) | 65 (18.33) | 75 (23.89) | 85 (29.44) | 95 (35.0) | 105 (40.56) | 115 (46.11) | 125 (51.67) |
| N4A724GKA - High | | | | | | | | | |
| 30 (- 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 (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 (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 (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 (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 (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 (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 (- 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 (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 (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 (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 (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 (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 (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 (- 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 (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 (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 (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 (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 (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 (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 °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 (- 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 (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 (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 (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 (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 (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 (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 (- 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 (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 (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 (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 (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 (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 (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 (- 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 (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 (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 (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 (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 (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 (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 °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 (- 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 (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 (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 (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 (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 (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 (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 (- 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 (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 (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 (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 (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 (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 (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 Btu/h)

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 LOW- AMBIENT APPLICATIONS {Below 55°F (13°C)} | REQUIRED FOR LONG- LINE APPLICATIONS* |
|------------------------------------|---|---|
| Crankcase Heater | Yes | Yes |
| Evaporator Freeze Thermostat | Yes | No |
| Winter Start Control | Yes** | No |
| TXV | Yes | Yes† |
| Hard Start Kit (Capacitor & Relay) | Yes | Yes |
| Low Ambient Kit (Pressure Switch) | Yes | 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 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 |