

# KeepRite®



## N4A4

### Performance Series Product Specifications

## HIGH EFFICIENCY 14 SEER AIR CONDITIONER

### ENVIRONMENTALLY SOUND R-410A REFRIGERANT

#### 1½ THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz

#### REFRIGERATION CIRCUIT

- Copeland® 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 2" spacing standard, alternate models available with ¾" grille spacing for extra protection
- 5 year compressor, coil, and parts limited warranties



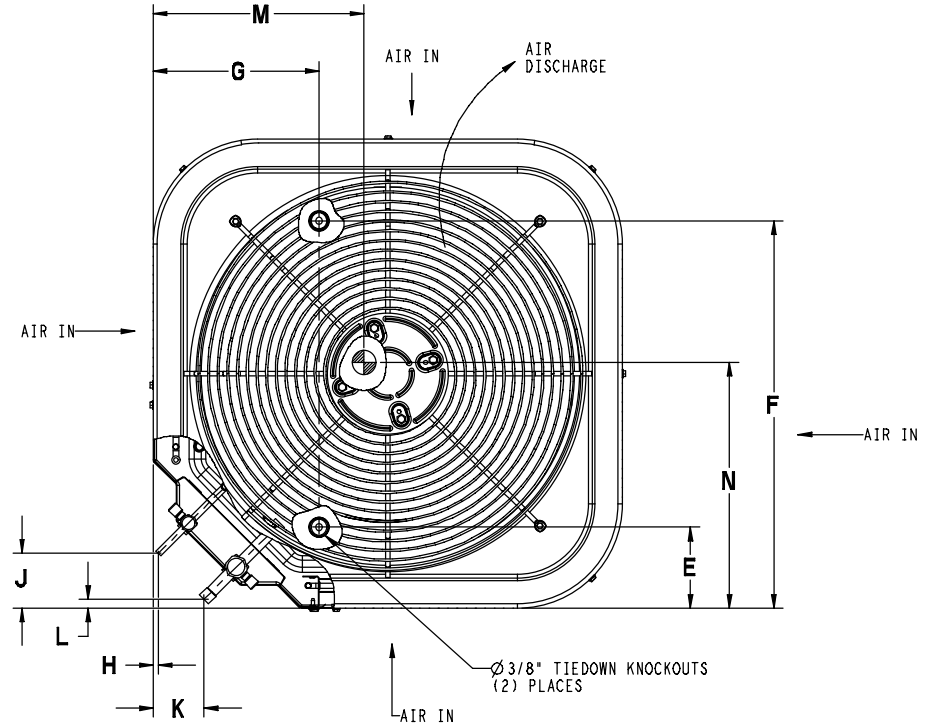
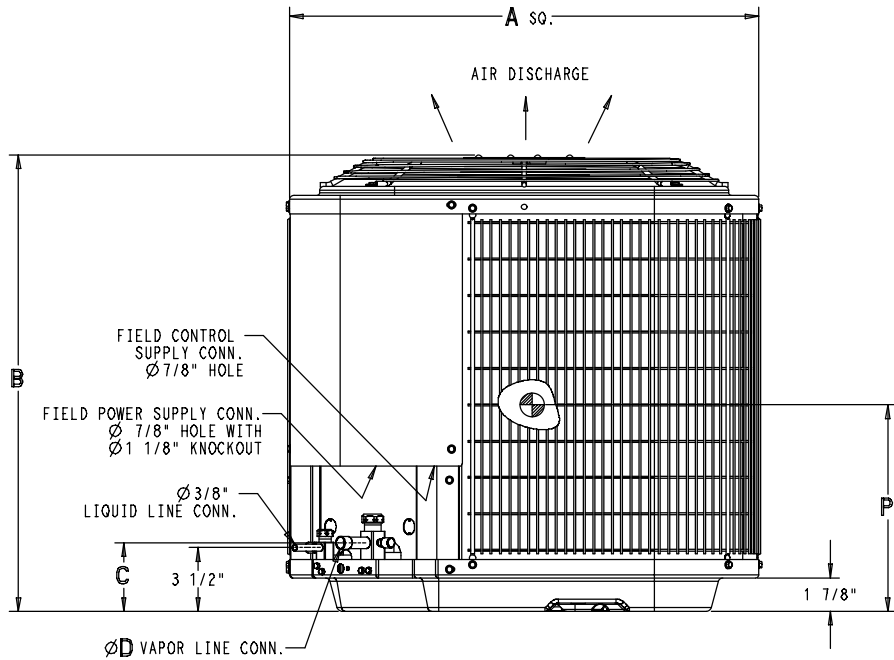
This product has been designed and manufactured to meet ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the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



ARI Standard 210/240  
Unitary Air Conditioners  
Rated in accordance with ARI Standard 210/240. Certification applies only when used with proper components as listed with ARI.

| Model Number | Size (tons)                               | Nominal BTU/hr | Min. Circuit Ampacity | Max. Fuse or Breaker | Operating Dimensions height x width x depth (in) | Ship / Operating Weight (lbs) |
|--------------|-------------------------------------------|----------------|-----------------------|----------------------|--------------------------------------------------|-------------------------------|
| N4A418AKA    | 1½                                        | 18,000         | 11.7                  | 15                   | 35¾ x 31¾ x 31¾                                  | 199 / 171                     |
| 18GKA        | same model with 3/8" spacing inlet grille |                |                       |                      |                                                  |                               |
| N4A424AKB    | 2                                         | 24,000         | 17.3                  | 30                   | 28½ x 35 x 35                                    | 199 / 158                     |
| 24GKB        | same model with 3/8" spacing inlet grille |                |                       |                      |                                                  |                               |
| N4A430AKB    | 2½                                        | 30,000         | 18.1                  | 30                   | 28½ x 35 x 35                                    | 197 / 158                     |
| 30GKB        | same model with 3/8" spacing inlet grille |                |                       |                      |                                                  |                               |
| N4A436AKA    | 3                                         | 36,000         | 22.0                  | 35                   | 35¾ x 35 x 35                                    | 225 / 191                     |
| 36GKA        | same model with 3/8" spacing inlet grille |                |                       |                      |                                                  |                               |
| N4A442AKB    | 3½                                        | 42,000         | 23.6                  | 40                   | 39½ x 35 x 35                                    | 263 / 225                     |
| 42GKB        | same model with 3/8" spacing inlet grille |                |                       |                      |                                                  |                               |
| N4A448AKB    | 4                                         | 48,000         | 28.4                  | 40                   | 39½ x 35 x 35                                    | 269 / 231                     |
| 48GKB        | same model with 3/8" spacing inlet grille |                |                       |                      |                                                  |                               |
| N4A460AKB    | 5                                         | 60,000         | 34.2                  | 50                   | 39½ x 35 x 35                                    | 310 / 272                     |
| 60GKB        | same model with 3/8" spacing inlet grille |                |                       |                      |                                                  |                               |

Specifications subject to change without notice.



| Model<br>(* = A or G) | All Dimensions Inches           |                                 |                               |                                |                                |                                  |                               |                                |   |                                 |                                |                                |                                |                                |                                                                 |                                                                                                    |
|-----------------------|---------------------------------|---------------------------------|-------------------------------|--------------------------------|--------------------------------|----------------------------------|-------------------------------|--------------------------------|---|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|                       | A                               | B                               | C                             | D                              | E                              | F                                | G                             | H                              | J | K                               | L                              | M                              | N                              | P                              | Minimum<br>Mounting<br>Pad Size                                 | Crated<br>Dimensions<br>B(h) x (w) x A(d)                                                          |
| N4A418*KA             | 31 <sup>3</sup> / <sub>16</sub> | 35 <sup>3</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>4</sub> | 5 <sup>8</sup> / <sub>16</sub> | 6 <sup>9</sup> / <sub>16</sub> | 24 <sup>11</sup> / <sub>16</sub> | 9 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>16</sub> | 3 | 2 <sup>13</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>  | 16 <sup>1</sup> / <sub>4</sub> | 16                             | 16 <sup>5</sup> / <sub>8</sub> | 31 <sup>1</sup> / <sub>2</sub> x 31 <sup>1</sup> / <sub>2</sub> | 39 <sup>3</sup> / <sub>8</sub> x 32 <sup>3</sup> / <sub>8</sub> x 35 <sup>1</sup> / <sub>2</sub>   |
| N4A424*KB             | 35                              | 28 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>4</sub> | 5 <sup>8</sup> / <sub>16</sub> | 6 <sup>9</sup> / <sub>16</sub> | 28 <sup>7</sup> / <sub>16</sub>  | 9 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>16</sub> | 3 | 2 <sup>13</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>  | 17 <sup>3</sup> / <sub>8</sub> | 15 <sup>3</sup> / <sub>4</sub> | 13 <sup>1</sup> / <sub>2</sub> | 35 x 35                                                         | 32 <sup>9</sup> / <sub>16</sub> x 36 <sup>1</sup> / <sub>8</sub> x 39 <sup>5</sup> / <sub>16</sub> |
| N4A430*KB             | 35                              | 28 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>4</sub> | 3 <sup>4</sup> / <sub>4</sub>  | 6 <sup>9</sup> / <sub>16</sub> | 28 <sup>7</sup> / <sub>16</sub>  | 9 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>16</sub> | 3 | 2 <sup>13</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>  | 15 <sup>7</sup> / <sub>8</sub> | 16 <sup>3</sup> / <sub>8</sub> | 13 <sup>3</sup> / <sub>4</sub> | 35 x 35                                                         | 32 <sup>9</sup> / <sub>16</sub> x 36 <sup>1</sup> / <sub>8</sub> x 39 <sup>5</sup> / <sub>16</sub> |
| N4A436*KA             | 35                              | 35 <sup>3</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>4</sub> | 3 <sup>4</sup> / <sub>4</sub>  | 6 <sup>9</sup> / <sub>16</sub> | 28 <sup>7</sup> / <sub>16</sub>  | 9 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>16</sub> | 3 | 2 <sup>13</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>  | 18 <sup>1</sup> / <sub>4</sub> | 18 <sup>1</sup> / <sub>2</sub> | 17 <sup>1</sup> / <sub>2</sub> | 35 x 35                                                         | 39 <sup>3</sup> / <sub>8</sub> x 36 <sup>1</sup> / <sub>8</sub> x 39 <sup>5</sup> / <sub>16</sub>  |
| N4A442*KB             | 35                              | 39 <sup>1</sup> / <sub>8</sub>  | 3 <sup>7</sup> / <sub>8</sub> | 7 <sup>8</sup> / <sub>16</sub> | 6 <sup>9</sup> / <sub>16</sub> | 28 <sup>7</sup> / <sub>16</sub>  | 9 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>16</sub> | 3 | 2 <sup>15</sup> / <sub>16</sub> | 5 <sup>8</sup> / <sub>16</sub> | 18 <sup>1</sup> / <sub>2</sub> | 16 <sup>1</sup> / <sub>4</sub> | 16 <sup>1</sup> / <sub>2</sub> | 35 x 35                                                         | 42 <sup>3</sup> / <sub>4</sub> x 36 <sup>1</sup> / <sub>8</sub> x 39 <sup>5</sup> / <sub>16</sub>  |
| N4A448*KB             | 35                              | 39 <sup>1</sup> / <sub>8</sub>  | 3 <sup>7</sup> / <sub>8</sub> | 7 <sup>8</sup> / <sub>16</sub> | 6 <sup>9</sup> / <sub>16</sub> | 28 <sup>7</sup> / <sub>16</sub>  | 9 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>16</sub> | 3 | 2 <sup>15</sup> / <sub>16</sub> | 5 <sup>8</sup> / <sub>16</sub> | 17 <sup>1</sup> / <sub>2</sub> | 16 <sup>1</sup> / <sub>2</sub> | 15                             | 35 x 35                                                         | 42 <sup>3</sup> / <sub>4</sub> x 36 <sup>1</sup> / <sub>8</sub> x 39 <sup>5</sup> / <sub>16</sub>  |
| N4A460*KB             | 35                              | 39 <sup>1</sup> / <sub>8</sub>  | 3 <sup>7</sup> / <sub>8</sub> | 7 <sup>8</sup> / <sub>16</sub> | 6 <sup>9</sup> / <sub>16</sub> | 28 <sup>7</sup> / <sub>16</sub>  | 9 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>16</sub> | 3 | 2 <sup>15</sup> / <sub>16</sub> | 5 <sup>8</sup> / <sub>16</sub> | 16 <sup>1</sup> / <sub>2</sub> | 17                             | 16 <sup>1</sup> / <sub>4</sub> | 35 x 35                                                         | 42 <sup>3</sup> / <sub>4</sub> x 36 <sup>1</sup> / <sub>8</sub> x 39 <sup>5</sup> / <sub>16</sub>  |

| PHYSICAL DATA                                                                                                                                                                                                                                                                                                                                                              |        |        |        |        |        |        |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|---------|
| Model Size                                                                                                                                                                                                                                                                                                                                                                 | 18     | 24     | 30     | 36     | 42     | 48     | 60      |
| Nominal Cooling Capacity (BTU/hr)                                                                                                                                                                                                                                                                                                                                          | 18,000 | 24,000 | 30,000 | 36,000 | 42,000 | 48,000 | 60,000  |
| Nominal SEER                                                                                                                                                                                                                                                                                                                                                               | 14.0   | 14.0   | 14.0   | 14.0   | 14.0   | 14.0   | 14.0    |
| Sound Rating (dBA)                                                                                                                                                                                                                                                                                                                                                         | 76     | 76     | 76     | 76     | 77     | 78     | 78      |
| PSC Fan Motor HP                                                                                                                                                                                                                                                                                                                                                           | 1/12   | 1/12   | 1/12   | 1/5    | 1/5    | 1/5    | 1/5     |
| Fan RPM (single speed)                                                                                                                                                                                                                                                                                                                                                     | 800    | 800    | 800    | 800    | 800    | 800    | 800     |
| Fan CFM                                                                                                                                                                                                                                                                                                                                                                    | 2235   | 3223   | 3223   | 3800   | 3800   | 3800   | 4050    |
| Coil Face Area (ft <sup>2</sup> )                                                                                                                                                                                                                                                                                                                                          | 19.40  | 17.60  | 17.60  | 22.63  | 25.15  | 25.15  | 25.15   |
| Coil Rows - fins per inch                                                                                                                                                                                                                                                                                                                                                  | 1 - 25 | 1 - 25 | 1 - 25 | 1 - 25 | 1 - 25 | 1 - 25 | 2 - 20  |
| Liquid Line Connection Size (in.)                                                                                                                                                                                                                                                                                                                                          | 3/8    | 3/8    | 3/8    | 3/8    | 3/8    | 3/8    | 3/8     |
| Vapor Line Connection Size (in.)                                                                                                                                                                                                                                                                                                                                           | 5/8    | 5/8    | 3/4    | 3/4    | 7/8    | 7/8    | 7/8     |
| Recommended Line Set Liquid Tube Diameter (in.)                                                                                                                                                                                                                                                                                                                            | 3/8    | 3/8    | 3/8    | 3/8    | 3/8    | 3/8    | 3/8     |
| Recommended Line Set Vapor Tube Diameter (in.)                                                                                                                                                                                                                                                                                                                             | 5/8 *  | 5/8 *  | 3/4 *  | 3/4 *  | 7/8 *  | 7/8 *  | 1 1/8 * |
| * Recommended Vapor Tube Line size is for standard installations. These recommendations may not apply to "Long Line" installations. When the total equivalent line length exceeds 80 feet or there is more than 20 feet vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/installing line sets. |        |        |        |        |        |        |         |
| Factory Charge R-410A (lbs.)                                                                                                                                                                                                                                                                                                                                               | 5.7    | 5.5    | 5.8    | 7.3    | 8.7    | 9.5    | 11.4    |
| Required Subcooling (°F)                                                                                                                                                                                                                                                                                                                                                   | 10     | 11     | 8      | 10     | 8      | 8      | 9       |
| Weight, shipping (lbs.)                                                                                                                                                                                                                                                                                                                                                    | 199    | 199    | 197    | 225    | 263    | 269    | 310     |
| Weight, operating (lbs.)                                                                                                                                                                                                                                                                                                                                                   | 171    | 158    | 158    | 191    | 225    | 231    | 272     |

| ELECTRICAL DATA (208/230-1-60, voltage range 197V - 253V)                 |             |              |              |              |               |               |               |
|---------------------------------------------------------------------------|-------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Model Size                                                                | 18          | 24           | 30           | 36           | 42            | 48            | 60            |
| Minimum Circuit Ampacity - <b>MCA</b> (amps)                              | 11.7        | 17.3         | 18.1         | 22.0         | 23.6          | 28.4          | 34.2          |
| Maximum OverCurrent Protective device - <b>MOCP</b> (amps)                | 15          | 30           | 30           | 35           | 40            | 40            | 50            |
| Compressor <b>RLA</b> (Rated Load Amps)<br><b>LRA</b> (Locked Rotor Amps) | 9.0<br>48.0 | 13.5<br>58.3 | 14.1<br>73.0 | 16.7<br>79.0 | 17.9<br>112.0 | 21.8<br>117.0 | 26.4<br>134.0 |
| Fan Motor <b>FLA</b> (Full Load Amps)                                     | .50         | .50          | .50          | 1.2          | 1.2           | 1.2           | 1.2           |

**R-410A COOLING CAPACITY LOSS FOR VARIOUS LINE LENGTHS & TUBE DIAMETERS**

| Model Size | Liquid Line (in.) | Acceptable Vapor Line Sizes (in.) | Cooling Capacity Loss (%) at Total Equivalent Line Length (ft.)<br>Refer to Long Line Application Guideline to calculate equivalent length |     |     |                                              |      |      |      |      |      |      |      |
|------------|-------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----------------------------------------------|------|------|------|------|------|------|------|
|            |                   |                                   | Standard Application                                                                                                                       |     |     | Long Line Application (Requires Accessories) |      |      |      |      |      |      |      |
|            |                   |                                   | 25'                                                                                                                                        | 50' | 80' | 81'                                          | 100' | 125' | 150' | 175' | 200' | 225' | 250' |
| 18         | 3/8               | 1/2                               | 1                                                                                                                                          | 2   | 3   | 3                                            | 4    | 6    | 7    | 8    | 9    | 10   | 12   |
|            |                   | 5/8                               | 0                                                                                                                                          | 0   | 1   | 1                                            | 1    | 1    | 2    | 2    | 3    | 3    | 3    |
| 24         |                   | 5/8                               | 0                                                                                                                                          | 1   | 1   | 1                                            | 2    | 3    | 3    | 4    | 4    | 5    | 6    |
|            |                   | 3/4                               | 0                                                                                                                                          | 0   | 0   | 0                                            | 0    | 1    | 1    | 1    | 1    | 1    | 2    |
| 7/8        |                   | 0                                 | 0                                                                                                                                          | 0   | 0   | 0                                            | 0    | 0    | 0    | 0    | 0    | 1    |      |
| 30         |                   | 5/8                               | 1                                                                                                                                          | 2   | 3   | 3                                            | 3    | 4    | 5    | 6    | 7    | 8    | 9    |
|            |                   | 3/4                               | 0                                                                                                                                          | 0   | 1   | 1                                            | 1    | 1    | 2    | 2    | 2    | 3    | 3    |
|            |                   | 7/8                               | 0                                                                                                                                          | 0   | 0   | 0                                            | 0    | 1    | 1    | 1    | 1    | 1    | 1    |
| 36         |                   | 5/8                               | 1                                                                                                                                          | 2   | 4   | 4                                            | 5    | 6    | 7    | 9    | 10   | 11   | 13   |
|            |                   | 3/4                               | 0                                                                                                                                          | 0   | 1   | 1                                            | 1    | 2    | 2    | 3    | 3    | 4    | 4    |
|            |                   | 7/8                               | 0                                                                                                                                          | 0   | 0   | 0                                            | 0    | 1    | 1    | 1    | 1    | 2    | 2    |
| 42         |                   | 3/4                               | 0                                                                                                                                          | 1   | 2   | 2                                            | 2    | 3    | 4    | 4    | 5    | 6    | 6    |
|            |                   | 7/8                               | 0                                                                                                                                          | 0   | 1   | 1                                            | 1    | 1    | 2    | 2    | 2    | 3    | 3    |
|            |                   | 1 1/8                             | 0                                                                                                                                          | 0   | 0   | 0                                            | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| 48         |                   | 3/4                               | 0                                                                                                                                          | 1   | 2   | 2                                            | 3    | 4    | 5    | 5    | 6    | 7    | 8    |
|            |                   | 7/8                               | 0                                                                                                                                          | 0   | 1   | 1                                            | 1    | 2    | 2    | 2    | 3    | 3    | 4    |
|            |                   | 1 1/8                             | 0                                                                                                                                          | 0   | 0   | 0                                            | 0    | 0    | 0    | 0    | 1    | 1    | 1    |
| 60         |                   | 3/4                               | 1                                                                                                                                          | 2   | 4   | 4                                            | 5    | 6    | 7    | 9    | 10   | 11   | 12   |
|            |                   | 7/8                               | 0                                                                                                                                          | 1   | 2   | 2                                            | 2    | 3    | 4    | 4    | 5    | 5    | 6    |
|            |                   | 1 1/8                             | 0                                                                                                                                          | 0   | 0   | 0                                            | 1    | 1    | 1    | 1    | 1    | 1    | 2    |

\* Applications are considered “Long Line” if the total equivalent tubing length exceeds 80 feet or there is more than 20 foot vertical separation between indoor and outdoor units). These applications require additional accessories and system modifications for reliable system operation.

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

**ACCESSORY USAGE GUIDELINES**

| Accessory                          | REQUIRED FOR LOW-AMBIENT APPLICATIONS<br>(Below 55° F) | REQUIRED FOR LONG LINE APPLICATIONS*<br>(Over 80 Ft.) |
|------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| Crankcase Heater                   | <b>Yes</b>                                             | <b>Yes</b>                                            |
| Evaporator Freeze Thermostat       | <b>Yes</b>                                             | No                                                    |
| Winter Start Control               | <b>Yes **</b>                                          | No                                                    |
| Hard Start Kit (Capacitor & Relay) | <b>Yes</b>                                             | <b>Yes</b>                                            |
| Low Ambient Kit (Pressure Switch)  | <b>Yes</b>                                             | No                                                    |
| Support Feet, 4” tall              | Recommended                                            | No                                                    |
| Liquid Line Solenoid Valve         | No                                                     | See Long-Line Application Guideline                   |

\* For Line Set lengths between 80 and 200 ft horizontal, or more than 20 ft indoor-outdoor vertical separation, refer to the Long Line Application Guideline document.

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

| ACCESSORIES |                                                    |                                     |
|-------------|----------------------------------------------------|-------------------------------------|
| Part Number | Description                                        | Used On Model Size                  |
| NASA001CH   | Crankcase Heater for Scroll Compressor (208/230 V) | 42, 48<br>(Factory installed on 60) |
| NASA003CH   | Crankcase Heater for Scroll Compressor (208/230 V) | 18, 24, 30, 36                      |
| NASA001SC   | Start Component - PTC Device                       | ALL                                 |
| NASA001FS   | Evaporator Freeze Thermostat                       | ALL                                 |
| NASA403PS   | Low Pressure Switch, AC, R-410A                    | ALL                                 |
| NASA404PS   | High Pressure Switch, AC or HP, R-410A             | ALL                                 |
| NASA401LS   | Liquid Line Solenoid Valve, R-410A                 | ALL                                 |
| NASA001TD   | Time Delay Relay, Indoor Blower                    | ALL                                 |
| NASA001WS   | Winter Start Control                               | ALL                                 |
| NASA001AC   | Anti-Cycle Timer (5 minute delay)                  | ALL                                 |
| NASA005SC   | Hard Start Kit (Capacitor & Relay)                 | ALL                                 |
| NASA401LA   | Low Ambient Kit (Pressure Switch), R-410A          | ALL                                 |
| NASA001SF   | Support Feet, 4" tall                              | ALL                                 |
| NASA001SJ   | Sound Jacket, Compressor                           | 18, 24, 30, 36, 42, 48              |
| NASA003SJ   | Sound Jacket, Compressor                           | 60                                  |
| EBAC05TXVX  | TXV Kit, R-410A *                                  | 18, 24, 30                          |
| EBAC06TXVX  | TXV Kit, R-410A *                                  | 36, 42                              |
| EBAC07TXVX  | TXV Kit, R-410A *                                  | 48, 60                              |

\* ONLY converts Fan Coils equipped with factory installed R-22 TXV.

COOLING PERFORMANCE FOR COMBINATION RATINGS

Indoor Models

| Outdoor Model          | Current Indoor Model<br>(‡ tested combo) | Furnace Model | Factory Installed | Cooling (95 °F) |      |       | SEER    |              |                     |                         |
|------------------------|------------------------------------------|---------------|-------------------|-----------------|------|-------|---------|--------------|---------------------|-------------------------|
|                        |                                          |               |                   | BTU/hr          | S/T  | EER   | factory | w/ field TDR | w/ field R-410A TXV | w/ field R-410A TXV+TDR |
| N4A418AKA<br>N4A418GKA | ^‡ED*4X24B**                             | †             | TXV               | 18,100          | 0.76 | 11.50 |         | 14.00        |                     |                         |
|                        | ED*4X18B**                               | †             | TXV               | 17,800          | 0.76 | 11.00 |         | 13.50        |                     |                         |
|                        | ^ED*4X18B**                              | MV08B15****   | TDR&TXV           | 18,300          | 0.76 | 12.00 | 15.00   |              |                     |                         |
|                        | ^ED*4X24B**                              | MV08B15****   | TDR&TXV           | 18,400          | 0.76 | 12.00 | 15.00   |              |                     |                         |
|                        | ^ED*4X24F**                              | †             | TXV               | 18,100          | 0.76 | 11.50 |         | 14.00        |                     |                         |
|                        | ^ED*4X24F**                              | MV12F19****   | TDR&TXV           | 18,400          | 0.76 | 12.00 | 15.00   |              |                     |                         |
|                        | ^EHD4X24A**                              | †             | TXV               | 18,100          | 0.76 | 11.50 |         | 14.00        |                     |                         |
|                        | ^EHD4X24A**                              | MV08B15****   | TDR&TXV           | 18,400          | 0.76 | 12.00 | 15.00   |              |                     |                         |
|                        | ^EHD4X24A**                              | MV12F19****   | TDR&TXV           | 18,400          | 0.76 | 12.00 | 15.00   |              |                     |                         |
|                        | ^EMA4X24D**                              | †             | TXV               | 18,100          | 0.76 | 11.50 |         | 14.00        |                     |                         |
|                        | ^FEM4X18****                             | †             | TDR&TXV           | 18,100          | 0.76 | 12.50 | 15.00   |              |                     |                         |
|                        | ^FEM4X24****                             | †             | TDR&TXV           | 18,300          | 0.76 | 12.00 | 15.00   |              |                     |                         |
|                        | FS(M,U)4X18****                          | †             | TDR&TXV           | 17,800          | 0.76 | 11.20 | 13.50   |              |                     |                         |
|                        | FS(M,U)4X24****                          | †             | TDR&TXV           | 17,900          | 0.76 | 11.20 | 13.50   |              |                     |                         |
|                        | FSA2X24****                              | †             | TDR&TXV           | 18,000          | 0.76 | 11.20 |         |              | 13.10               |                         |
|                        | ^FVM4X24****                             | †             | TDR&TXV           | 18,200          | 0.76 | 12.50 | 15.00   |              |                     |                         |
| N4A424AKB<br>N4A424GKB | ^‡ED*4X24B**                             | †             | TXV               | 23,200          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^ED*4X24B**                              | *8MPV050      | TDR&TXV           | 23,400          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^ED*4X24F**                              | †             | TXV               | 23,200          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^ED*4X24F**                              | *9MPV050      | TDR&TXV           | 23,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^ED*4X24F**                              | *9MPV075      | TDR&TXV           | 23,400          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^ED*4X30B**                              | †             | TXV               | 23,400          | 0.73 | 12.00 |         | 14.00        |                     |                         |
|                        | ^ED*4X30B**                              | *8MPV050      | TDR&TXV           | 23,800          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^ED*4X30F**                              | †             | TXV               | 23,400          | 0.73 | 12.00 |         | 14.00        |                     |                         |
|                        | ^EMA4X24D**                              | †             | TXV               | 23,200          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^EHD4X24A**                              | †             | TXV               | 23,200          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^EHD4X24A**                              | *8MPV050      | TDR&TXV           | 23,400          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^EHD4X24A**                              | *9MPV050      | TDR&TXV           | 23,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^EHD4X24A**                              | *9MPV075      | TDR&TXV           | 23,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^EHD4X24A**                              | *9MPV100      | TDR&TXV           | 23,600          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^EHD4X30A**                              | †             | TXV               | 23,400          | 0.73 | 12.00 |         | 14.00        |                     |                         |
|                        | ^EHD4X30A**                              | *8MPV050      | TDR&TXV           | 23,800          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | FS(M,U)4X24****                          | †             | TDR&TXV           | 23,000          | 0.73 | 11.70 | 13.50   |              |                     |                         |
|                        | ^FS(M,U)4X30**                           | †             | TDR&TXV           | 23,200          | 0.73 | 12.00 | 14.00   |              |                     |                         |
|                        | ^FEM4X24****                             | †             | TDR&TXV           | 23,400          | 0.73 | 12.50 | 15.00   |              |                     |                         |
| N4A430AKB<br>N4A430GKB | ^‡ED*4X30B**                             | †             | TXV               | 29,000          | 0.73 | 11.7  |         | 14.00        |                     |                         |
|                        | ^ED*4X30B**                              | *8MPV050      | TDR&TXV           | 29,000          | 0.73 | 12.00 | 14.00   |              |                     |                         |
|                        | ^ED*4X30F**                              | †             | TXV               | 29,000          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^ED*4X30F**                              | *8MPV075      | TDR&TXV           | 29,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^ED*4X30F**                              | *9MPV050      | TDR&TXV           | 28,800          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                        | ^ED*4X30F**                              | *9MPV075      | TDR&TXV           | 29,000          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                        | ^ED*4X36B**                              | †             | TXV               | 28,400          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^ED*4X36B**                              | *8MPV050      | TDR&TXV           | 28,200          | 0.73 | 12.00 | 14.00   |              |                     |                         |
|                        | ^ED*4X36F**                              | †             | TXV               | 29,200          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^ED*4X36F**                              | *8MPV075      | TDR&TXV           | 29,400          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^ED*4X36F**                              | *9MPV050      | TDR&TXV           | 29,000          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                        | ^ED*4X36F**                              | *9MPV075      | TDR&TXV           | 29,000          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                        | ^ED*4X36J**                              | †             | TXV               | 29,200          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^EHD4X30A**                              | †             | TXV               | 29,000          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^EHD4X30A**                              | *8MPV050      | TDR&TXV           | 29,000          | 0.73 | 12.00 | 14.00   |              |                     |                         |
|                        | ^EHD4X30A**                              | *8MPV075      | TDR&TXV           | 29,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^EHD4X30A**                              | *9MPV050      | TDR&TXV           | 28,800          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                        | ^EHD4X30A**                              | *9MPV075      | TDR&TXV           | 29,000          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                        | ^EHD4X30A**                              | *9MPV100      | TDR&TXV           | 29,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^EHD4X30A**                              | *9MPV125      | TDR&TXV           | 29,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                        | ^EHD4X36A**                              | †             | TXV               | 29,200          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                        | ^EHD4X36A**                              | *8MPV050      | TDR&TXV           | 29,000          | 0.73 | 12.00 | 14.00   |              |                     |                         |
|                        | ^EHD4X36A**                              | *8MPV075      | TDR&TXV           | 29,400          | 0.73 | 12.50 | 15.00   |              |                     |                         |

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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| COOLING PERFORMANCE FOR COMBINATION RATINGS (continued) |                                          |               |                   |                 |      |       |         |              |                     |                         |
|---------------------------------------------------------|------------------------------------------|---------------|-------------------|-----------------|------|-------|---------|--------------|---------------------|-------------------------|
| Indoor Models                                           |                                          |               |                   |                 |      |       |         |              |                     |                         |
| Outdoor Model                                           | Current Indoor Model<br>(† tested combo) | Furnace Model | Factory Installed | Cooling (95 °F) |      |       | SEER    |              |                     |                         |
|                                                         |                                          |               |                   | BTU/hr          | S/T  | EER   | factory | w/ field TDR | w/ field R-410A TXV | w/ field R-410A TXV+TDR |
| N4A430AKB<br>N4A430GKB<br>(continued)                   | ^EHD4X36A**                              | *9MPV050      | TDR&TXV           | 29,000          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | *9MPV075      | TDR&TXV           | 29,000          | 0.73 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^EMA4X36D**                              | †             | TXV               | 29,000          | 0.73 | 11.70 |         | 14.00        |                     |                         |
|                                                         | ^FEM4X30****                             | †             | TDR&TXV           | 29,200          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^FEM4X36****                             | †             | TDR&TXV           | 29,800          | 0.73 | 12.50 | 15.00   |              |                     |                         |
|                                                         | FS(M,U)4X30****                          | †             | TDR&TXV           | 28,800          | 0.73 | 11.70 | 13.50   |              |                     |                         |
|                                                         | FSA4X30**A*                              | †             | TDR&TXV           | 28,600          | 0.73 | 11.70 | 13.50   |              |                     |                         |
|                                                         | ^FSA4X36**A*                             | †             | TDR&TXV           | 29,200          | 0.73 | 11.70 | 14.00   |              |                     |                         |
|                                                         | ^FSM4X36****                             | †             | TDR&TXV           | 29,600          | 0.73 | 12.00 | 14.00   |              |                     |                         |
| N4A436AKA<br>N4A436GKA                                  | ^†ED*4X42J**                             | †             | TXV               | 35,800          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X36B**                              | †             | TXV               | 34,000          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X36B**                              | MV08B15****   | TDR&TXV           | 34,400          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X36F**                              | †             | TXV               | 35,400          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X36F**                              | *8MPV075      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X36F**                              | MV12F19****   | TDR&TXV           | 35,800          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X36J**                              | †             | TXV               | 35,400          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X36J**                              | *8MPV100      | TDR&TXV           | 35,800          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X36J**                              | *8MPV125      | TDR&TXV           | 35,800          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X36J**                              | *9MPV100      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X36J**                              | MV16J22****   | TDR&TXV           | 35,600          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X42F**                              | †             | TXV               | 35,600          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X42F**                              | *8MPV075      | TDR&TXV           | 35,600          | 0.77 | 12.50 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X42F**                              | *9MPV050      | TDR&TXV           | 35,200          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X42F**                              | *9MPV075      | TDR&TXV           | 35,200          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X42F**                              | MV12F19****   | TDR&TXV           | 36,000          | 0.77 | 13.00 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X42J**                              | *8MPV100      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X42J**                              | *8MPV125      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X42J**                              | *9MPV100      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X42J**                              | MV16J22****   | TDR&TXV           | 35,800          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X42L**                              | †             | TXV               | 35,800          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X42L**                              | *9MPV125      | TDR&TXV           | 35,400          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | †             | TXV               | 35,400          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^EHD4X36A**                              | *8MPV075      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | *8MPV100      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | *8MPV125      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | *9MPV075      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | *9MPV100      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | *9MPV125      | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | MV08B15****   | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | MV12F19****   | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | MV16J22****   | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X36A**                              | MV20N26****   | TDR&TXV           | 35,600          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | †             | TXV               | 35,800          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^EHD4X42A**                              | *8MPV050      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *8MPV075      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *8MPV100      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *8MPV125      | TDR&TXV           | 36,000          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *9MPV050      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *9MPV075      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *9MPV100      | TDR&TXV           | 36,000          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *9MPV125      | TDR&TXV           | 36,200          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | MV08B15****   | TDR&TXV           | 35,800          | 0.77 | 12.00 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | MV12F19****   | TDR&TXV           | 35,800          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | MV16J22****   | TDR&TXV           | 35,800          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | MV20N26****   | TDR&TXV           | 35,800          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EMA4X36D**                              | †             | TXV               | 35,400          | 0.77 | 11.50 |         | 14.00        |                     |                         |
|                                                         | ^FEM4X36****                             | †             | TDR&TXV           | 36,600          | 0.77 | 13.00 | 15.00   |              |                     |                         |
|                                                         | ^FEM4X42****                             | †             | TDR&TXV           | 36,600          | 0.77 | 13.05 | 15.00   |              |                     |                         |

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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| COOLING PERFORMANCE FOR COMBINATION RATINGS (continued) |                                          |               |                   |                 |      |       |         |              |                     |                         |
|---------------------------------------------------------|------------------------------------------|---------------|-------------------|-----------------|------|-------|---------|--------------|---------------------|-------------------------|
| Indoor Models                                           |                                          |               |                   |                 |      |       |         |              |                     |                         |
| Outdoor Model                                           | Current Indoor Model<br>(‡ tested combo) | Furnace Model | Factory Installed | Cooling (95 °F) |      |       | SEER    |              |                     |                         |
|                                                         |                                          |               |                   | BTU/hr          | S/T  | EER   | factory | w/ field TDR | w/ field R-410A TXV | w/ field R-410A TXV+TDR |
| N4A436AKA<br>N4A436GKA<br>(continued)                   | ^FS(M,U)4X42****                         | †             | TDR&TXV           | 35,400          | 0.77 | 12.00 | 14.00   |              |                     |                         |
|                                                         | ^FSM2X36****                             | †             | TDR&TXV           | 35,200          | 0.77 | 12.00 |         |              | 14.00               |                         |
|                                                         | ^FSM4X36****                             | †             | TDR&TXV           | 35,400          | 0.77 | 12.20 | 14.00   |              |                     |                         |
|                                                         | ^FSU4X36****                             | †             | TDR&TXV           | 34,800          | 0.77 | 11.95 | 14.00   |              |                     |                         |
|                                                         | ^FVM4X36****                             | †             | TDR&TXV           | 35,400          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^FVM4X48****                             | †             | TDR&TXV           | 36,600          | 0.77 | 13.00 | 15.00   |              |                     |                         |
| N4A442AKB<br>N4A442GKB                                  | ^‡ED*4X48J**                             | †             | TXV               | 40,500          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ED*4X42F**                               | †             | TXV               | 40,000          | 0.77 | 11.70 |         | 13.50        |                     |                         |
|                                                         | ^ED*4X42F**                              | *8MPV075      | TDR&TXV           | 39,500          | 0.77 | 12.00 | 14.00   |              |                     |                         |
|                                                         | ED*4X42F**                               | *9MPV075      | TDR&TXV           | 39,000          | 0.77 | 11.70 | 13.50   |              |                     |                         |
|                                                         | ED*4X42J**                               | †             | TXV               | 40,000          | 0.77 | 11.70 |         | 13.50        |                     |                         |
|                                                         | ^ED*4X42J**                              | *8MPV100      | TDR&TXV           | 40,000          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X42J**                              | *8MPV125      | TDR&TXV           | 40,000          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X42J**                              | *9MPV100      | TDR&TXV           | 40,000          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X42J**                              | MV16J22****   | TDR&TXV           | 40,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ED*4X42L**                               | †             | TXV               | 40,000          | 0.77 | 11.70 |         | 13.50        |                     |                         |
|                                                         | ^ED*4X42L**                              | *9MPV125      | TDR&TXV           | 40,000          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X48F**                              | †             | TXV               | 40,500          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X48F**                              | *8MPV075      | TDR&TXV           | 40,000          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X48J**                              | *8MPV100      | TDR&TXV           | 40,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X48J**                              | *8MPV125      | TDR&TXV           | 40,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X48J**                              | *9MPV100      | TDR&TXV           | 40,500          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X48J**                              | MV16J22****   | TDR&TXV           | 41,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X48L**                              | †             | TXV               | 40,500          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X48L**                              | *9MPV125      | TDR&TXV           | 40,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | †             | TXV               | 40,500          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^EHD4X42A**                              | *8MPV075      | TDR&TXV           | 40,500          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *8MPV100      | TDR&TXV           | 41,000          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *8MPV125      | TDR&TXV           | 41,000          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *9MPV100      | TDR&TXV           | 40,500          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | *9MPV125      | TDR&TXV           | 40,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X42A**                              | MV16J22****   | TDR&TXV           | 41,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X48A**                              | †             | TXV               | 41,000          | 0.77 | 12.00 |         | 14.00        |                     |                         |
|                                                         | ^EHD4X48A**                              | *8MPV075      | TDR&TXV           | 40,500          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X48A**                              | *8MPV100      | TDR&TXV           | 41,000          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X48A**                              | *8MPV125      | TDR&TXV           | 41,000          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X48A**                              | *9MPV100      | TDR&TXV           | 41,000          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^EHD4X48A**                              | *9MPV125      | TDR&TXV           | 41,000          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EHD4X48A**                              | MV16J22****   | TDR&TXV           | 41,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^EMA4X48D**                              | †             | TXV               | 40,000          | 0.77 | 11.70 |         | 14.00        |                     |                         |
|                                                         | ^FEM4X42****                             | †             | TDR&TXV           | 40,500          | 0.77 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^FEM4X48****                             | †             | TDR&TXV           | 41,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
|                                                         | FS(M,U)4X42****                          | †             | TDR&TXV           | 40,000          | 0.77 | 11.70 | 13.50   |              |                     |                         |
|                                                         | ^FS(M,U)4X48**                           | †             | TDR&TXV           | 41,000          | 0.77 | 12.00 | 14.00   |              |                     |                         |
|                                                         | ^FVM4X36****                             | †             | TDR&TXV           | 39,500          | 0.77 | 12.50 | 15.00   |              |                     |                         |
| N4A448AKB<br>N4A448GKB                                  | ^‡ED*4X60L**                             | †             | TXV               | 48,500          | 0.74 | 11.70 |         | 14.00        |                     |                         |
|                                                         | ED*4X48F**                               | †             | TXV               | 47,000          | 0.74 | 11.70 |         | 13.50        |                     |                         |
|                                                         | ED*4X48J**                               | †             | TXV               | 47,500          | 0.74 | 11.50 |         | 13.50        |                     |                         |
|                                                         | ^ED*4X48J**                              | *8MPV100      | TDR&TXV           | 47,000          | 0.74 | 12.00 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X48J**                              | *8MPV125      | TDR&TXV           | 47,500          | 0.74 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X48J**                              | MV16J22****   | TDR&TXV           | 48,000          | 0.74 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ED*4X48L**                               | †             | TXV               | 47,500          | 0.74 | 11.50 |         | 13.50        |                     |                         |
|                                                         | ^ED*4X48L**                              | *9MPV125      | TDR&TXV           | 47,000          | 0.74 | 12.00 | 14.00   |              |                     |                         |
|                                                         | ^ED*4X60J**                              | †             | TXV               | 48,500          | 0.74 | 11.70 |         | 14.00        |                     |                         |
|                                                         | ^ED*4X60J**                              | *8MPV100      | TDR&TXV           | 48,500          | 0.74 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X60J**                              | *8MPV125      | TDR&TXV           | 48,500          | 0.74 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X60J**                              | *9MPV100      | TDR&TXV           | 48,500          | 0.74 | 12.20 | 14.50   |              |                     |                         |
|                                                         | ^ED*4X60J**                              | MV16J22****   | TDR&TXV           | 49,500          | 0.74 | 12.50 | 15.00   |              |                     |                         |
|                                                         | ^ED*4X60L**                              | *9MPV125      | TDR&TXV           | 48,000          | 0.74 | 12.20 | 14.50   |              |                     |                         |

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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| COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)                                                                                                                                                                    |                                          |               |                   |                 |       |       |         |              |                     |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------|-------------------|-----------------|-------|-------|---------|--------------|---------------------|-------------------------|
| Indoor Models                                                                                                                                                                                                              |                                          |               |                   |                 |       |       |         |              |                     |                         |
| Outdoor Model                                                                                                                                                                                                              | Current Indoor Model<br>(† tested combo) | Furnace Model | Factory Installed | Cooling (95 °F) |       |       | SEER    |              |                     |                         |
|                                                                                                                                                                                                                            |                                          |               |                   | BTU/hr          | S/T   | EER   | factory | w/ field TDR | w/ field R-410A TXV | w/ field R-410A TXV+TDR |
| N4A448AKB<br>N4A448GKB<br>(continued)                                                                                                                                                                                      | EHD4X48A**                               | †             | TXV               | 47,500          | 0.74  | 11.70 |         | 13.50        |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X48A**                              | *8MPV100      | TDR&TXV           | 47,000          | 0.74  | 12.00 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X48A**                              | *8MPV125      | TDR&TXV           | 47,000          | 0.74  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X48A**                              | MV16J22****   | TDR&TXV           | 48,000          | 0.74  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X48A**                              | MV20N26****   | TDR&TXV           | 48,000          | 0.74  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | †             | TXV               | 48,500          | 0.74  | 11.70 |         | 14.00        |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | *8MPV100      | TDR&TXV           | 48,000          | 0.74  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | *8MPV125      | TDR&TXV           | 48,000          | 0.74  | 12.50 | 15.00   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | *9MPV100      | TDR&TXV           | 48,000          | 0.74  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | *9MPV125      | TDR&TXV           | 48,000          | 0.74  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | MV16J22****   | TDR&TXV           | 49,000          | 0.74  | 12.50 | 15.00   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | MV20N26****   | TDR&TXV           | 49,000          | 0.74  | 12.50 | 15.00   |              |                     |                         |
|                                                                                                                                                                                                                            | EMA4X48D**                               | †             | TXV               | 46,000          | 0.74  | 11.50 |         | 13.50        |                     |                         |
|                                                                                                                                                                                                                            | ^FEM4X48****                             | †             | TDR&TXV           | 48,500          | 0.74  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^FEM4X60****                             | †             | TDR&TXV           | 49,000          | 0.74  | 12.50 | 15.00   |              |                     |                         |
|                                                                                                                                                                                                                            | FS(M,U)4X48****                          | †             | TDR&TXV           | 48,000          | 0.74  | 11.50 | 13.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^FS(M,U)4X60**                           | †             | TDR&TXV           | 48,500          | 0.74  | 11.70 | 14.00   |              |                     |                         |
|                                                                                                                                                                                                                            | ^FVM4X48****                             | †             | TDR&TXV           | 48,000          | 0.74  | 12.50 | 15.00   |              |                     |                         |
| N4A460AKB<br>N4A460GKB                                                                                                                                                                                                     | ^†ED*4X60L**                             | †             | TXV               | 59,000          | 0.75  | 12.00 |         | 14.00        |                     |                         |
|                                                                                                                                                                                                                            | ^ED*4X60J**                              | †             | TXV               | 58,000          | 0.75  | 12.00 |         | 14.00        |                     |                         |
|                                                                                                                                                                                                                            | ^ED*4X60J**                              | MV16J22****   | TDR&TXV           | 58,500          | 0.75  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | †             | TXV               | 59,000          | 0.75  | 12.00 |         | 14.00        |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | MV16J22****   | TDR&TXV           | 59,500          | 0.75  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^EHD4X60A**                              | MV20N26****   | TDR&TXV           | 59,500          | 0.75  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | ^FEM4X60****                             | †             | TDR&TXV           | 60,000          | 0.75  | 12.20 | 14.50   |              |                     |                         |
|                                                                                                                                                                                                                            | FS(M,U)4X60****                          | †             | TDR&TXV           | 59,000          | 0.75  | 11.50 | 13.50   |              |                     |                         |
| ^FVM4X60****                                                                                                                                                                                                               | †                                        | TDR&TXV       | 59,000            | 0.75            | 12.20 | 14.50 |         |              |                     |                         |
| ^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.<br>† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device. |                                          |               |                   |                 |       |       |         |              |                     |                         |

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

**OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)**

| Digit Position:                                   | 1        | 2        | 3        | 4        | 5, 6      | 7        | 8        | 9        | 10       | 11       | 12       |
|---------------------------------------------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|
| Example Part Number:                              | <b>N</b> | <b>4</b> | <b>A</b> | <b>4</b> | <b>18</b> | <b>A</b> | <b>K</b> | <b>B</b> | <b>2</b> | <b>0</b> | <b>0</b> |
| C = Keeprite Mainline                             |          |          |          |          |           |          |          |          |          |          |          |
| N = Keeprite Entry <b>BRANDING</b>                |          |          |          |          |           |          |          |          |          |          |          |
| 2 = R-22                                          |          |          |          |          |           |          |          |          |          |          |          |
| 4 = R-410A <b>REFRIGERANT</b>                     |          |          |          |          |           |          |          |          |          |          |          |
| A = Air Conditioner                               |          |          |          |          |           |          |          |          |          |          |          |
| H = Heat Pump <b>TYPE</b>                         |          |          |          |          |           |          |          |          |          |          |          |
| 3 = 13 SEER                                       |          |          |          |          |           |          |          |          |          |          |          |
| 4 = 14 SEER <b>NOMINAL EFFICIENCY</b>             |          |          |          |          |           |          |          |          |          |          |          |
| 18 = 18,000 BTUH = 1½ tons                        |          |          |          |          |           |          |          |          |          |          |          |
| 24 = 24,000 BTUH = 2 tons                         |          |          |          |          |           |          |          |          |          |          |          |
| 30 = 30,000 BTUH = 2½ tons                        |          |          |          |          |           |          |          |          |          |          |          |
| 36 = 36,000 BTUH = 3 tons                         |          |          |          |          |           |          |          |          |          |          |          |
| 42 = 42,000 BTUH = 3½ tons                        |          |          |          |          |           |          |          |          |          |          |          |
| 48 = 48,000 BTUH = 4 tons                         |          |          |          |          |           |          |          |          |          |          |          |
| 60 = 60,000 BTUH = 5 tons <b>NOMINAL CAPACITY</b> |          |          |          |          |           |          |          |          |          |          |          |
| A = Standard Grille                               |          |          |          |          |           |          |          |          |          |          |          |
| G = Coil Guard Grille                             |          |          |          |          |           |          |          |          |          |          |          |
| C = Coastal <b>FEATURES</b>                       |          |          |          |          |           |          |          |          |          |          |          |
| K = 208/230-1-60 <b>VOLTAGE</b>                   |          |          |          |          |           |          |          |          |          |          |          |
| 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:                            | <b>N</b> | <b>A</b> | <b>S</b> | <b>A</b> | <b>0</b> | <b>01</b> | <b>01</b> | <b>CH</b> |
| 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                   |          |          |          |          |          |           |           |           |
| 2 = R-22                                        |          |          |          |          |          |           |           |           |
| 4 = R-410A <b>REFRIGERANT</b>                   |          |          |          |          |          |           |           |           |
| Product Identifier Number                       |          |          |          |          |          |           |           |           |
| Package Quantity                                |          |          |          |          |          |           |           |           |
| Type of Kit<br>(Example: CH = Crankcase Heater) |          |          |          |          |          |           |           |           |