



## EFFICIENT 13 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" (51mm) spacing standard, alternate models available with ¾" (10mm) grille spacing for extra protection

#### WARRANTY\*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
  - With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

\* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

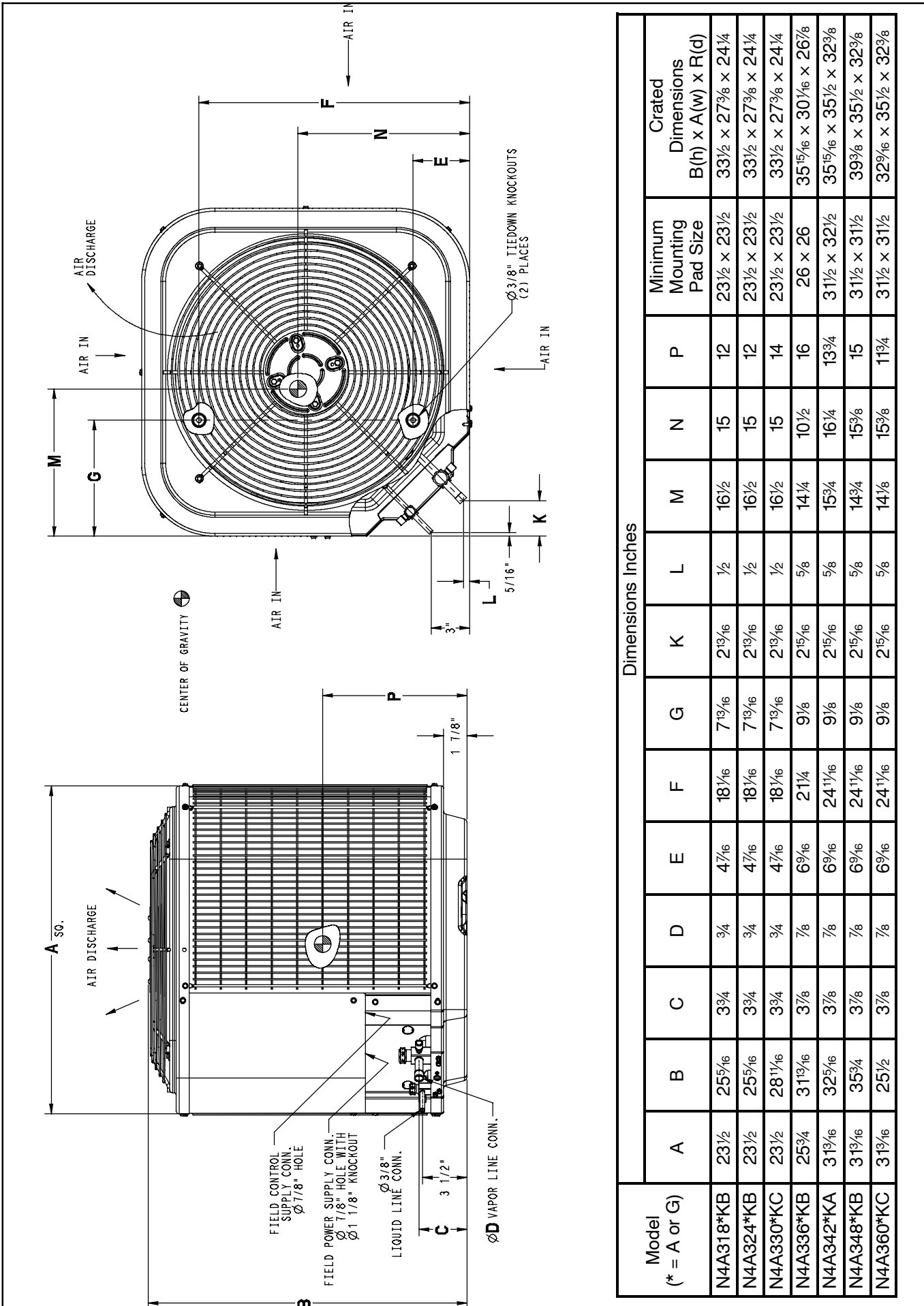


Rated in accordance with ARI Standard 210. Certification applies only when used with proper components as listed with ARI.

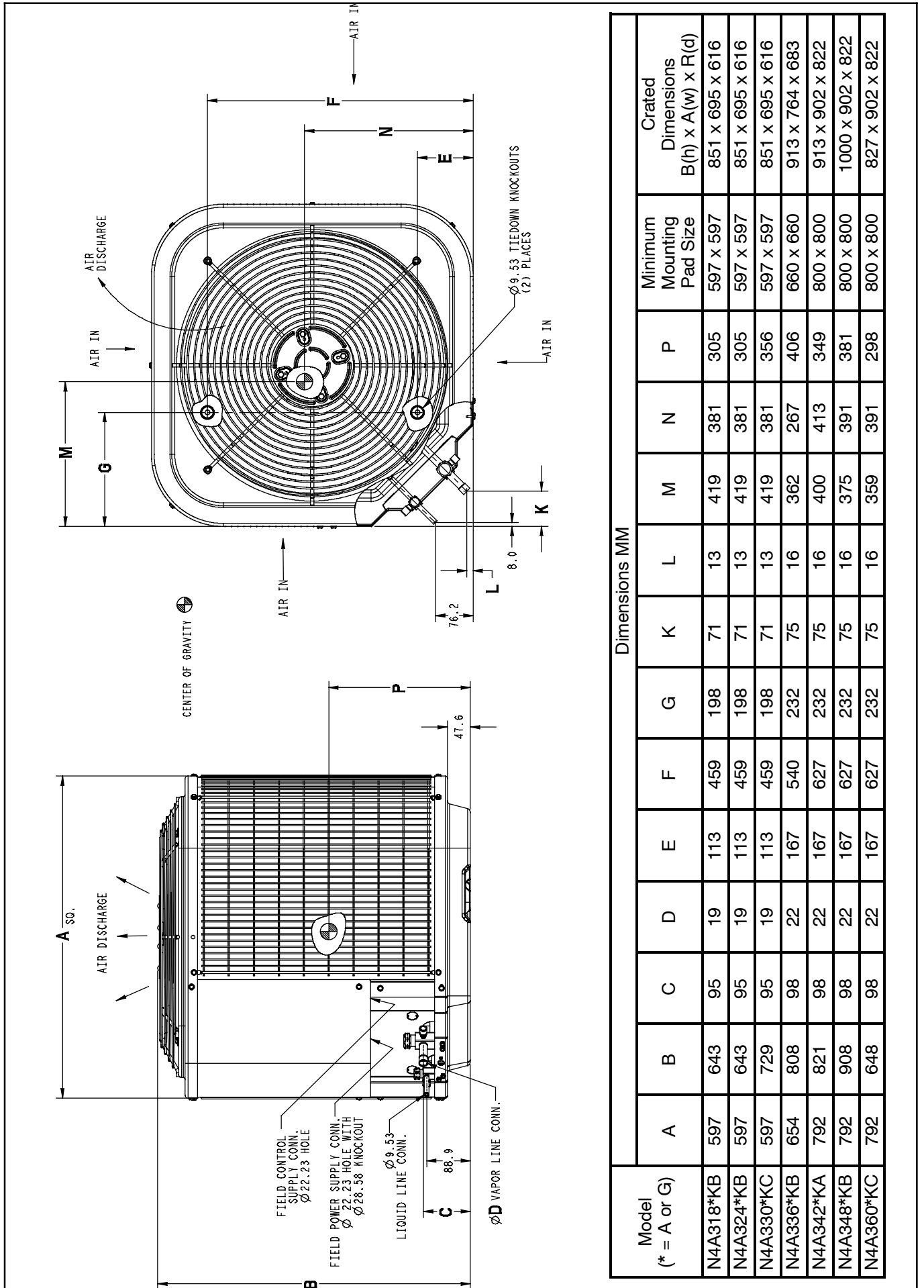


| Model Number | Size (tons)                                      | Nominal BTU/hr | Min. Circuit Ampacity | Max. Fuse or Breaker | Operating Dimensions height x width x depth in. (mm)   | Ship / Operating Weight lbs. (kg) |
|--------------|--|----------------|-----------------------|----------------------|--|-----------------------------------|
| N4A318AKB    | 1½   | 18,000         | 11.8                  | 15                   | 25 <sup>5</sup> / <sub>16</sub> x 23 <sup>1</sup> / <sub>2</sub> x 23 <sup>1</sup> / <sub>2</sub><br>(643 x 597 x 597)   | 130 / 107<br>(59 / 49)            |
| 18GKB        | same model with 3/8" (10mm) spacing inlet grille |                |                       |                      |  |                                   |
| N4A324AKB    | 2  | 24,000         | 17.6                  | 25                   | 25 <sup>5</sup> / <sub>16</sub> x 23 <sup>1</sup> / <sub>2</sub> x 23 <sup>1</sup> / <sub>2</sub><br>(643 x 597 x 597)   | 134 / 110<br>(61 / 50)            |
| 24GKB        | same model with 3/8" (10mm) spacing inlet grille |                |                       |                      |  |                                   |
| N4A330AKC    | 2½   | 30,000         | 16.8                  | 25                   | 28 <sup>1</sup> / <sub>16</sub> x 23 <sup>1</sup> / <sub>2</sub> x 23 <sup>1</sup> / <sub>2</sub><br>(729 x 597 x 597)   | 136 / 111<br>(62 / 50)            |
| 30GKC        | same model with 3/8" (10mm) spacing inlet grille |                |                       |                      |  |                                   |
| N4A336AKB    | 3  | 36,000         | 20.5                  | 30                   | 31 <sup>13</sup> / <sub>16</sub> x 25 <sup>3</sup> / <sub>4</sub> x 25 <sup>3</sup> / <sub>4</sub><br>(808 x 654 x 654)  | 170 / 141<br>(77 / 64)            |
| 36GKB        | same model with 3/8" (10mm) spacing inlet grille |                |                       |                      |  |                                   |
| N4A342AKA    | 3½   | 42,000         | 23.5                  | 40                   | 32 <sup>5</sup> / <sub>16</sub> x 31 <sup>3</sup> / <sub>16</sub> x 31 <sup>3</sup> / <sub>16</sub><br>(821 x 792 x 792) | 208 / 180<br>(94 / 82)            |
| 42GKA        | same model with 3/8" (10mm) spacing inlet grille |                |                       |                      |  |                                   |
| N4A348AKB    | 4  | 48,000         | 26.2                  | 40                   | 35 <sup>3</sup> / <sub>4</sub> x 31 <sup>3</sup> / <sub>16</sub> x 31 <sup>3</sup> / <sub>16</sub><br>(908 x 792 x 792)  | 216 / 179<br>(98 / 81)            |
| 48GKB        | same model with 3/8" (10mm) spacing inlet grille |                |                       |                      |  |                                   |
| N4A360AKC    | 5  | 60,000         | 34.2                  | 50                   | 25 <sup>1</sup> / <sub>2</sub> x 31 <sup>3</sup> / <sub>16</sub> x 31 <sup>3</sup> / <sub>16</sub><br>(648 x 792 x 792)  | 218 / 184<br>(99 / 84)            |
| 60GKC        | same model with 3/8" (10mm) spacing inlet grille |                |                       |                      |  |                                   |

Specifications subject to change without notice.



| Model<br>(* = A or G) | Dimensions Inches |         |      |     |       |         |        |        |     |       |     |     |                                 |                          |  | Crated<br>Dimensions<br>B(h) x A(w) x R(d) |
|-----------------------|-------------------|---------|------|-----|-------|---------|--------|--------|-----|-------|-----|-----|---------------------------------|--------------------------|--|--|
|                       | A                 | B       | C    | D   | E     | F       | G      | K      | L   | M     | N   | P   | Minimum<br>Mounting<br>Pad Size |                          |  |  |
| N4A318*KB             | 23½               | 25½/16  | 3¾   | ¾   | 47/16 | 181/16  | 713/16 | 213/16 | ½   | 16½   | 15  | 12  | 23½ x 23½                       | 33½ x 27¾ x 24¼          |  |  |
| N4A324*KB             | 23½               | 25½/16  | 3¾   | ¾   | 47/16 | 181/16  | 713/16 | 213/16 | ½   | 16½   | 15  | 12  | 23½ x 23½                       | 33½ x 27¾ x 24¼          |  |  |
| N4A330*KC             | 23½               | 2811/16 | 3¾   | ¾   | 47/16 | 181/16  | 713/16 | 213/16 | ½   | 16½   | 15  | 14  | 23½ x 23½                       | 33½ x 27¾ x 24¼          |  |  |
| N4A336*KB             | 25¾               | 3113/16 | 37/8 | 7/8 | 69/16 | 21¼     | 91/8   | 215/16 | 5/8 | 14¼   | 10½ | 16  | 26 x 26                         | 3515/16 x 301/16 x 267/8 |  |  |
| N4A342*KA             | 313/16            | 325/16  | 37/8 | 7/8 | 69/16 | 2411/16 | 91/8   | 215/16 | 5/8 | 15¾   | 16¼ | 13¾ | 31½ x 32½                       | 3515/16 x 35½ x 323/8    |  |  |
| N4A348*KB             | 313/16            | 35¾     | 37/8 | 7/8 | 69/16 | 2411/16 | 91/8   | 215/16 | 5/8 | 14¾   | 15¾ | 15  | 31½ x 31½                       | 39¾ x 35½ x 323/8        |  |  |
| N4A360*KC             | 313/16            | 25½     | 37/8 | 7/8 | 69/16 | 2411/16 | 91/8   | 215/16 | 5/8 | 147/8 | 15¾ | 11¾ | 31½ x 31½                       | 329/16 x 35½ x 323/8     |  |  |



| 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   | 13.0           | 13.0           | 13.0           | 13.0            | 13.0           | 13.0           | 13.0           |
| Sound Rating (dBA)**   | 72             | 76             | 74             | 75              | 78             | 80             | 78             |
| PSC Fan Motor HP   | 1/12           | 1/10           | 1/10           | 1/4             | 1/5            | 1/4            | 1/4            |
| Fan RPM (single speed)   | 1100           | 1100           | 1100           | 1100            | 1100           | 1100           | 800            |
| Fan CFM  | 1792           | 2218           | 2218           | 2954            | 3170           | 3644           | 3129           |
| Coil Face Area ft <sup>2</sup> (m <sup>2</sup> )   | 8.40<br>(.78)  | 8.40<br>(.78)  | 9.80<br>(.91)  | 13.13<br>(1.22) | 17.25<br>(1.6) | 19.40<br>(1.8) | 12.93<br>(1.2) |
| Coil Rows - fins per inch  | 1 - 20         | 1 - 25         | 1 - 25         | 1 - 25          | 1 - 25         | 1 - 25         | 2 - 20         |
| Liquid Line Connection Size in. (mm)   | 3/8 (10)       | 3/8 (10)       | 3/8 (10)       | 3/8 (10)        | 3/8 (10)       | 3/8 (10)       | 3/8 (10)       |
| Vapor Line Connection Size in. (mm)  | 3/4 (19)       | 3/4 (19)       | 3/4 (19)       | 7/8 (22)        | 7/8 (22)       | 7/8 (22)       | 7/8 (22)       |
| Recommended Line Set Liquid Tube Diameter in. (mm)   | 3/8 (10)       | 3/8 (10)       | 3/8 (10)       | 3/8 (10)        | 3/8 (10)       | 3/8 (10)       | 3/8 (10)       |
| Recommended Line Set Vapor Tube Diameter in. (mm)  | 3/4 (19)*      | 3/4 (19)*      | 3/4 (19)*      | 7/8 (22)*       | 7/8 (22)*      | 7/8 (22)*      | 1 1/8 (29)*    |
| * 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. (kg)  | 3.50<br>(1.59) | 3.80<br>(1.72) | 4.10<br>(1.86) | 5.34<br>(2.42)  | 5.84<br>(2.65) | 7.00<br>(3.18) | 8.19<br>(3.71) |
| Required Subcooling °F (°C)  | 10 (6)         | 10 (6)         | 10 (6)         | 14 (8)          | 10 (6)         | 15 (8)         | 13 (7)         |
| Weight, shipping lbs. (kg)   | 130 (59)       | 134 (61)       | 136 (62)       | 170 (77)        | 208 (94)       | 216 (98)       | 218 (99)       |
| Weight, operating lbs. (kg)  | 107 (49)       | 110 (50)       | 111 (50)       | 141 (64)        | 180 (82)       | 179 (81)       | 184 (84)       |

| 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)                              | 11.8        | 17.6         | 16.8         | 20.5         | 23.5          | 26.2          | 34.2          |
| Maximum OverCurrent Protective device - <b>MOCP</b> (amps)                | 15          | 25           | 25           | 30           | 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 | 12.8<br>64.0 | 14.1<br>77.0 | 17.9<br>112.0 | 19.9<br>109.0 | 26.4<br>134.0 |
| Fan Motor <b>FLA</b> (Full Load Amps)                                     | .5          | .75          | 1.4          | 1.4          | 1.1           | 1.4           | 1.2           |

\*\*Sound Rating tested in accordance with ARI Standard 270-95 (not listed with ARI).

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

| Model Size | Liquid Line in. (mm) | Acceptable Vapor Line Sizes in. (mm) | Cooling Capacity Loss (%) at Total Equivalent Line Length, feet (m)<br>Refer to Long Line Application Guideline to calculate equivalent length |            |            |  |             |             |             |             |           |             |             |
|------------|----------------------|--------------------------------------|--|------------|------------|--|-------------|-------------|-------------|-------------|-----------|-------------|-------------|
|            |                      |                                      | Standard Application   |            |            | Long Line Application (Requires Accessories) |             |             |             |             |           |             |             |
|            |                      |                                      | 25' (7.6)  | 50' (15.2) | 80' (24.4) | 81' (24.7)                                   | 100' (30.5) | 125' (38.1) | 150' (45.7) | 175' (53.3) | 200' (61) | 225' (68.6) | 250' (76.2) |
| 18         | 3/8 (10)             | 1/2 (13)                             | 1  | 2          | 3          | 3  | 4           | 6           | 7           | 8           | 9         | 10          | 12          |
|            |                      | 5/8 (16)                             | 0  | 0          | 1          | 1  | 1           | 1           | 2           | 2           | 3         | 3           | 3           |
|            |                      | 3/4 (19)                             | 0  | 0          | 0          | 0  | 0           | 1           | 1           | 1           | 1         | 1           | 2           |
| 24         |                      | 5/8 (16)                             | 0  | 1          | 1          | 1  | 2           | 3           | 3           | 4           | 4         | 5           | 6           |
|            |                      | 3/4 (19)                             | 0  | 0          | 0          | 0  | 0           | 1           | 1           | 1           | 1         | 1           | 2           |
| 30         |                      | 5/8 (16)                             | 1  | 2          | 3          | 3  | 3           | 4           | 5           | 6           | 7         | 8           | 9           |
|            |                      | 3/4 (19)                             | 0  | 0          | 1          | 1  | 1           | 1           | 2           | 2           | 2         | 3           | 3           |
|            |                      | 7/8 (22)                             | 0  | 0          | 0          | 0  | 0           | 1           | 1           | 1           | 1         | 1           | 1           |
| 36         |                      | 5/8 (16)                             | 1  | 2          | 4          | 4  | 5           | 6           | 7           | 9           | 10        | 11          | 13          |
|            |                      | 3/4 (19)                             | 0  | 0          | 1          | 1  | 1           | 2           | 2           | 3           | 3         | 4           | 4           |
|            |                      | 7/8 (22)                             | 0  | 0          | 0          | 0  | 0           | 1           | 1           | 1           | 1         | 2           | 2           |
| 42         |                      | 3/4 (19)                             | 0  | 1          | 2          | 2  | 2           | 3           | 4           | 4           | 5         | 6           | 6           |
|            | 7/8 (22)             | 0                                    | 0  | 1          | 1          | 1  | 1           | 2           | 2           | 2           | 3         | 3           |             |
| 48         | 3/4 (19)             | 0                                    | 1  | 2          | 2          | 3  | 4           | 5           | 5           | 6           | 7         | 8           |             |
|            | 7/8 (22)             | 0                                    | 0  | 1          | 1          | 1  | 2           | 2           | 2           | 3           | 3         | 4           |             |
| 60         | 3/4 (19)             | 1                                    | 2  | 4          | 4          | 5  | 6           | 7           | 9           | 10          | 11        | 12          |             |
|            | 7/8 (22)             | 0                                    | 1  | 2          | 2          | 2  | 3           | 4           | 4           | 5           | 5         | 6           |             |
|            | 1 1/8 (29)           | 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 (24.4m) or there is more than 20 foot (6.1m) 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 {Below 55°F (13°C)} | REQUIRED FOR LONG-LINE APPLICATIONS* {Over 80 ft. (24.4m)} |
|------------------------------------|---|--|
| Crankcase Heater                   | Yes   | Yes  |
| Evaporator Freeze Thermostat       | Yes   | No   |
| Winter Start Control               | Yes **  | No   |
| Hard Start Kit (Capacitor & Relay) | Yes   | Yes  |
| Low Ambient Kit (Pressure Switch)  | Yes   | No   |
| Support Feet, 4" (102mm) tall      | Recommended   | No   |
| Liquid Line Solenoid Valve         | No  | See Long-Line Application Guideline                        |

\* For Line Set lengths between 80 and 200 ft (24.4 and 61m) horizontal, or more than 20 ft (6.1m) 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, 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                    |
| 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                    |
| NASA404PS   | High Pressure Switch, AC or HP, R-410A             | ALL                    |
| NASA005SC   | Hard Start Kit (Capacitor & Relay)                 | ALL                    |
| NASA401LA   | Low Ambient Kit (Pressure Switch), R-410A          | ALL                    |
| NASA001SF   | Support Feet, 4" (102mm) 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 (35° C) |       |       | SEER    |              |
|   |  |               |                   | BTU/hr                | S/T   | EER   | factory | w/ field TDR |
| N4A318AKB<br>N4A318GKB                      | †ED*4X18B**                              | †             | TXV               | 17,200                | 0.73  | 10.90 |         | 13.00        |
|   | ED*4X18B**                               | *8MPV050      | TDR&TXV           | 18,000                | 0.73  | 12.00 | 14.00   |              |
|   | ED*4X18B**                               | MV08B15**B*   | TDR&TXV           | 17,200                | 0.73  | 12.20 | 14.50   |              |
|   | ED*4X24B**                               | *8MPV050      | TDR&TXV           | 18,400                | 0.73  | 12.20 | 14.50   |              |
|   | ED*4X24B**                               | MV08B15**B*   | TDR&TXV           | 17,200                | 0.73  | 12.20 | 14.50   |              |
|   | ED*4X24B**                               |               | TXV               | 17,200                | 0.73  | 10.90 |         | 13.00        |
|   | ED*4X24F**                               | *9MPV050      | TDR&TXV           | 18,400                | 0.73  | 12.20 | 14.50   |              |
|   | ED*4X24F**                               | *9MPV075      | TDR&TXV           | 18,500                | 0.73  | 12.20 | 14.50   |              |
|   | ED*4X24F**                               |               | TXV               | 17,200                | 0.73  | 10.90 |         | 13.00        |
|   | EHD4X24A**                               | *8MPV050      | TDR&TXV           | 17,200                | 0.73  | 12.20 | 14.50   |              |
|   | EHD4X24A**                               | *9MPV050      | TDR&TXV           | 17,200                | 0.73  | 12.20 | 14.50   |              |
|   | EHD4X24A**                               | *9MPV075      | TDR&TXV           | 17,200                | 0.73  | 12.00 | 14.00   |              |
|   | EHD4X24A**                               | MV08B15**B*   | TDR&TXV           | 17,200                | 0.73  | 12.20 | 14.50   |              |
|   | EHD4X24A**                               | †             | TXV               | 17,200                | 0.73  | 10.90 |         | 13.00        |
|   | EMA4X24D**                               | †             | TXV               | 17,200                | 0.73  | 10.90 |         | 13.00        |
|   | FEM4X18****                              | †             | TDR&TXV           | 17,200                | 0.73  | 12.00 | 14.00   |              |
|   | FEM4X24****                              | †             | TDR&TXV           | 17,200                | 0.73  | 12.20 | 14.50   |              |
|   | FS(M,U)4X18****                          | †             | TDR&TXV           | 17,200                | 0.73  | 10.90 | 13.00   |              |
|   | FS(M,U)4X24****                          | †             | TDR&TXV           | 18,000                | 0.73  | 10.90 | 13.00   |              |
|   | FSA4X18**A*                              | †             | TDR&TXV           | 17,200                | 0.73  | 10.90 | 13.00   |              |
| FSA4X24**A*                                 | †  | TDR&TXV       | 17,200            | 0.73                  | 10.90 | 13.00 |         |              |
| FVM4X24****                                 | †  | TDR&TXV       | 17,200            | 0.73                  | 12.20 | 14.50 |         |              |
| N4A324AKB<br>N4A324GKB                      | †ED*4X24B**                              | †             | TXV               | 23,000                | 0.72  | 11.00 |         | 13.00        |
|   | ED*4X24B**                               | *8MPV050      | TDR&TXV           | 23,000                | 0.72  | 11.50 | 13.50   |              |
|   | ED*4X24B**                               | MV08B15**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | ED*4X24F**                               | *8MPV075      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|   | ED*4X24F**                               | *9MPV050      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 14.00   |              |
|   | ED*4X24F**                               | *9MPV075      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 14.00   |              |
|   | ED*4X24F**                               | MV12F19**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | ED*4X24F**                               | †             | TXV               | 23,000                | 0.72  | 11.00 |         | 13.00        |
|   | ED*4X30B**                               | *8MPV050      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 13.50   |              |
|   | ED*4X30B**                               | MV08B15**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | ED*4X30B**                               | †             | TXV               | 23,000                | 0.72  | 11.00 |         | 13.00        |
|   | ED*4X30F**                               | *8MPV075      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|   | ED*4X30F**                               | *9MPV050      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|   | ED*4X30F**                               | *9MPV075      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 14.00   |              |
|   | ED*4X30F**                               | MV12F19**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | ED*4X30F**                               | †             | TXV               | 23,000                | 0.72  | 11.00 |         | 13.00        |
|   | EHD4X24A**                               | *8MPV050      | TDR&TXV           | 23,000                | 0.72  | 11.50 | 13.50   |              |
|   | EHD4X24A**                               | *8MPV075      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 14.00   |              |
|   | EHD4X24A**                               | *8MPV100      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|   | EHD4X24A**                               | *8MPV125      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|   | EHD4X24A**                               | *9MPV050      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 13.50   |              |
|   | EHD4X24A**                               | *9MPV075      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 13.50   |              |
|   | EHD4X24A**                               | *9MPV100      | TDR&TXV           | 23,000                | 0.72  | 11.50 | 13.50   |              |
|   | EHD4X24A**                               | *9MPV125      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|   | EHD4X24A**                               | MV08B15**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | EHD4X24A**                               | MV12F19**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | EHD4X24A**                               | †             | TXV               | 23,000                | 0.72  | 11.00 |         | 13.00        |
|   | EHD4X30A**                               | *8MPV050      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 13.50   |              |
|   | EHD4X30A**                               | *8MPV075      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|   | EHD4X30A**                               | *8MPV100      | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | EHD4X30A**                               | *8MPV125      | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|   | EHD4X30A**                               | *9MPV050      | TDR&TXV           | 23,000                | 0.72  | 11.70 | 14.00   |              |
| EHD4X30A**                                  | *9MPV075                                 | TDR&TXV       | 23,000            | 0.72                  | 11.70 | 14.00 |         |              |

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.

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

- continued on next page -

**COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)**

**Indoor Models**

| Outdoor Model                         | Current Indoor Model<br>(‡ tested combo) | Furnace Model | Factory Installed | Cooling 95° F (35° C) |       |       | SEER    |              |
|---------------------------------------|--|---------------|-------------------|-----------------------|-------|-------|---------|--------------|
|                                       |  |               |                   | BTU/hr                | S/T   | EER   | factory | w/ field TDR |
| N4A324AKB<br>N4A324GKB<br>(continued) | EHD4X30A**                               | *9MPV100      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|                                       | EHD4X30A**                               | *9MPV125      | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|                                       | EHD4X30A**                               | MV08B15**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|                                       | EHD4X30A**                               | MV12F19**B*   | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
|                                       | EHD4X30A**                               | †             | TXV               | 23,000                | 0.72  | 11.00 |         | 13.00        |
|                                       | EMA4X24D**                               | †             | TXV               | 23,000                | 0.72  | 11.00 |         | 13.00        |
|                                       | FEM4X24****                              | †             | TDR&TXV           | 23,000                | 0.72  | 11.70 | 14.00   |              |
|                                       | FEM4X30****                              | †             | TDR&TXV           | 23,000                | 0.72  | 12.00 | 14.00   |              |
|                                       | FS(M,U)4X24****                          | †             | TDR&TXV           | 22,800                | 0.72  | 11.00 | 13.00   |              |
|                                       | FS(M,U)4X30****                          | †             | TDR&TXV           | 23,000                | 0.72  | 11.00 | 13.00   |              |
|                                       | FSA4X24**A*                              | †             | TDR&TXV           | 22,600                | 0.72  | 10.90 | 13.00   |              |
|                                       | FSA4X30**A*                              | †             | TDR&TXV           | 23,000                | 0.72  | 10.90 | 13.00   |              |
|                                       | FVM4X24****                              | †             | TDR&TXV           | 22,600                | 0.72  | 12.00 | 14.00   |              |
|                                       | FVM4X36****                              | †             | TDR&TXV           | 23,000                | 0.72  | 12.20 | 14.50   |              |
| N4A330AKC<br>N4A330GKC                | †ED*4X30B**                              | †             | TXV               | 27,200                | 0.77  | 10.80 |         | 13.00        |
|                                       | ED*4X30B**                               | *8MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.00 | 13.00   |              |
|                                       | ED*4X30B**                               | MV08B15**B*   | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | ED*4X30F**                               | *8MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | ED*4X30F**                               | *9MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.20 | 13.50   |              |
|                                       | ED*4X30F**                               | *9MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.20 | 13.50   |              |
|                                       | ED*4X30F**                               | MV12F19**B*   | TDR&TXV           | 27,200                | 0.77  | 12.20 | 14.50   |              |
|                                       | ED*4X30F**                               | †             | TXV               | 27,200                | 0.77  | 10.80 |         | 13.00        |
|                                       | ED*4X36B**                               | *8MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.00 | 13.00   |              |
|                                       | ED*4X36B**                               | MV08B15**B*   | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | ED*4X36B**                               | †             | TXV               | 27,200                | 0.77  | 10.80 |         | 13.00        |
|                                       | ED*4X36F**                               | *8MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | ED*4X36F**                               | *9MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.20 | 13.50   |              |
|                                       | ED*4X36F**                               | *9MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.50 | 13.50   |              |
|                                       | ED*4X36F**                               | MV12F19**B*   | TDR&TXV           | 27,200                | 0.77  | 12.20 | 14.50   |              |
|                                       | ED*4X36F**                               | †             | TXV               | 27,200                | 0.77  | 10.80 |         | 13.00        |
|                                       | ED*4X36J**                               | *8MPV100      | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | ED*4X36J**                               | *8MPV125      | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | ED*4X36J**                               | *9MPV100      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | ED*4X36J**                               | †             | TXV               | 27,200                | 0.77  | 10.80 |         | 13.00        |
|                                       | EHD4X30A**                               | *8MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.00 | 13.00   |              |
|                                       | EHD4X30A**                               | *8MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.50 | 14.00   |              |
|                                       | EHD4X30A**                               | *8MPV100      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | EHD4X30A**                               | *8MPV125      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | EHD4X30A**                               | *9MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.20 | 13.50   |              |
|                                       | EHD4X30A**                               | *9MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.20 | 13.50   |              |
|                                       | EHD4X30A**                               | *9MPV100      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | EHD4X30A**                               | *9MPV125      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | EHD4X30A**                               | MV08B15**B*   | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | EHD4X30A**                               | MV12F19**B*   | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.50   |              |
|                                       | EHD4X30A**                               | †             | TXV               | 27,200                | 0.77  | 10.80 |         | 13.00        |
|                                       | EHD4X36A**                               | *8MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.00 | 13.00   |              |
|                                       | EHD4X36A**                               | *8MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | EHD4X36A**                               | *8MPV100      | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | EHD4X36A**                               | *8MPV125      | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | EHD4X36A**                               | *9MPV050      | TDR&TXV           | 27,200                | 0.77  | 11.50 | 13.50   |              |
|                                       | EHD4X36A**                               | *9MPV075      | TDR&TXV           | 27,200                | 0.77  | 11.50 | 13.50   |              |
|                                       | EHD4X36A**                               | *9MPV100      | TDR&TXV           | 27,200                | 0.77  | 11.70 | 14.00   |              |
|                                       | EHD4X36A**                               | *9MPV125      | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
|                                       | EHD4X36A**                               | MV08B15**B*   | TDR&TXV           | 27,200                | 0.77  | 12.00 | 14.00   |              |
| EHD4X36A**                            | MV12F19**B*                              | TDR&TXV       | 27,200            | 0.77                  | 12.20 | 14.50 |         |              |
| EHD4X36A**                            | †  | TXV           | 27,200            | 0.77                  | 10.80 |       | 13.00   |              |
| EMA4X36D**                            | †  | TXV           | 27,200            | 0.77                  | 10.80 |       | 13.00   |              |

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.

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

- continued on next page -



| COOLING PERFORMANCE FOR COMBINATION RATINGS (continued) |  |               |                   |                       |       |       |         |              |
|---|--|---------------|-------------------|-----------------------|-------|-------|---------|--------------|
| Indoor Models   |  |               |                   |                       |       |       |         |              |
| Outdoor Model   | Current Indoor Model<br>(† tested combo) | Furnace Model | Factory Installed | Cooling 95° F (35° C) |       |       | SEER    |              |
|   |  |               |                   | BTU/hr                | S/T   | EER   | factory | w/ field TDR |
| N4A330AKC<br>N4A330GKC<br>(continued)                   | FEM4X30****                              | †             | TDR&TXV           | 27,200                | 0.77  | 11.50 | 14.00   |              |
|   | FEM4X36****                              | †             | TDR&TXV           | 27,200                | 0.77  | 11.50 | 14.00   |              |
|   | FS(M,U)4X30****                          | †             | TDR&TXV           | 27,000                | 0.77  | 10.80 | 13.00   |              |
|   | FSA4X36**A*                              | †             | TDR&TXV           | 27,200                | 0.77  | 10.80 | 13.00   |              |
|   | FSM4X36****                              | †             | TDR&TXV           | 27,200                | 0.77  | 10.80 | 13.00   |              |
|   | FVM4X24****                              | †             | TDR&TXV           | 26,800                | 0.77  | 11.70 | 13.50   |              |
|   | FVM4X36****                              | †             | TDR&TXV           | 27,200                | 0.77  | 12.20 | 14.50   |              |
|   | FVM4X48****                              | †             | TDR&TXV           | 27,200                | 0.77  | 12.20 | 14.50   |              |
| N4A336AKB<br>N4A336GKB                                  | †ED*4X36F**                              | †             | TXV               | 33,800                | 0.77  | 10.90 |         | 13.00        |
|   | ED*4X36B**                               | †             | TXV               | 32,600                | 0.77  | 11.00 |         | 13.00        |
|   | ED*4X36B**                               | MV08B15**B*   | TDR&TXV           | 32,800                | 0.77  | 11.70 | 14.00   |              |
|   | ED*4X36F**                               | *8MPV075      | TDR&TXV           | 33,600                | 0.77  | 11.50 | 13.50   |              |
|   | ED*4X36F**                               | *9MPV050      | TDR&TXV           | 33,200                | 0.77  | 11.00 | 13.20   |              |
|   | ED*4X36F**                               | *9MPV075      | TDR&TXV           | 33,400                | 0.77  | 11.20 | 13.20   |              |
|   | ED*4X36F**                               | MV12F19**B*   | TDR&TXV           | 33,600                | 0.77  | 12.00 | 14.00   |              |
|   | ED*4X36J**                               | †             | TXV               | 33,800                | 0.77  | 10.90 |         | 13.00        |
|   | ED*4X36J**                               | *8MPV100      | TDR&TXV           | 34,200                | 0.77  | 11.70 | 14.00   |              |
|   | ED*4X36J**                               | *8MPV125      | TDR&TXV           | 34,200                | 0.77  | 11.70 | 14.00   |              |
|   | ED*4X36J**                               | *9MPV100      | TDR&TXV           | 34,000                | 0.77  | 11.50 | 13.50   |              |
|   | ED*4X36J**                               | MV16J22**B*   | TDR&TXV           | 33,800                | 0.77  | 12.00 | 14.00   |              |
|   | ED*4X42F**                               | †             | TXV               | 33,800                | 0.77  | 11.00 |         | 13.00        |
|   | ED*4X42F**                               | *8MPV075      | TDR&TXV           | 34,000                | 0.77  | 11.50 | 13.50   |              |
|   | ED*4X42F**                               | *9MPV050      | TDR&TXV           | 33,600                | 0.77  | 11.20 | 13.20   |              |
|   | ED*4X42F**                               | *9MPV075      | TDR&TXV           | 33,600                | 0.77  | 11.20 | 13.50   |              |
|   | ED*4X42F**                               | MV12F19**B*   | TDR&TXV           | 34,000                | 0.77  | 12.00 | 14.00   |              |
|   | ED*4X42J**                               | †             | TXV               | 34,000                | 0.77  | 11.00 |         | 13.00        |
|   | ED*4X42J**                               | *8MPV100      | TDR&TXV           | 34,400                | 0.77  | 11.70 | 14.00   |              |
|   | ED*4X42J**                               | *8MPV125      | TDR&TXV           | 34,400                | 0.77  | 12.00 | 14.00   |              |
|   | ED*4X42J**                               | *9MPV100      | TDR&TXV           | 34,200                | 0.77  | 11.70 | 13.50   |              |
|   | ED*4X42J**                               | MV16J22**B*   | TDR&TXV           | 34,000                | 0.77  | 12.00 | 14.00   |              |
|   | ED*4X42L**                               | †             | TXV               | 34,000                | 0.77  | 11.00 |         | 13.00        |
|   | ED*4X42L**                               | *9MPV125      | TDR&TXV           | 34,400                | 0.77  | 11.70 | 14.00   |              |
|   | ED*4X42L**                               | MV20L24**B*   | TDR&TXV           | 34,000                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X36A**                               | †             | TXV               | 34,000                | 0.77  | 11.00 |         | 13.00        |
|   | EHD4X36A**                               | *8MPV050      | TDR&TXV           | 33,800                | 0.77  | 11.20 | 13.20   |              |
|   | EHD4X36A**                               | *8MPV075      | TDR&TXV           | 33,400                | 0.77  | 11.70 | 13.50   |              |
|   | EHD4X36A**                               | *8MPV100      | TDR&TXV           | 33,600                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X36A**                               | *8MPV125      | TDR&TXV           | 33,400                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X36A**                               | *9MPV050      | TDR&TXV           | 33,800                | 0.77  | 11.20 | 13.20   |              |
|   | EHD4X36A**                               | *9MPV075      | TDR&TXV           | 33,400                | 0.77  | 11.50 | 13.50   |              |
|   | EHD4X36A**                               | *9MPV100      | TDR&TXV           | 33,400                | 0.77  | 11.70 | 14.00   |              |
|   | EHD4X36A**                               | *9MPV125      | TDR&TXV           | 33,400                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X36A**                               | MV08B15**B*   | TDR&TXV           | 33,400                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X36A**                               | MV12F19**B*   | TDR&TXV           | 33,400                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X36A**                               | MV16J22**B*   | TDR&TXV           | 33,400                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X36A**                               | MV20L24**B*   | TDR&TXV           | 33,400                | 0.77  | 12.00 | 14.00   |              |
|   | EHD4X42A**                               | †             | TXV               | 33,800                | 0.77  | 11.00 |         | 13.00        |
|   | EHD4X42A**                               | *8MPV050      | TDR&TXV           | 33,800                | 0.77  | 11.20 | 13.50   |              |
| EHD4X42A**  | *8MPV075                                 | TDR&TXV       | 34,000            | 0.77                  | 11.70 | 14.00 |         |              |
| EHD4X42A**  | *8MPV100                                 | TDR&TXV       | 34,400            | 0.77                  | 12.00 | 14.00 |         |              |
| EHD4X42A**  | *8MPV125                                 | TDR&TXV       | 34,200            | 0.77                  | 12.00 | 14.00 |         |              |
| EHD4X42A**  | *9MPV050                                 | TDR&TXV       | 34,000            | 0.77                  | 11.20 | 13.50 |         |              |
| EHD4X42A**  | *9MPV075                                 | TDR&TXV       | 34,000            | 0.77                  | 11.50 | 13.50 |         |              |
| EHD4X42A**  | *9MPV100                                 | TDR&TXV       | 34,200            | 0.77                  | 11.70 | 14.00 |         |              |
| EHD4X42A**  | *9MPV125                                 | TDR&TXV       | 34,200            | 0.77                  | 12.00 | 14.00 |         |              |

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.

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

- continued on next page -

**COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)**

**Indoor Models**

| Outdoor Model                         | Current Indoor Model<br>(† tested combo) | Furnace Model | Factory Installed | Cooling 95° F (35° C) |      |       | SEER    |              |
|---------------------------------------|--|---------------|-------------------|-----------------------|------|-------|---------|--------------|
|                                       |  |               |                   | BTU/hr                | S/T  | EER   | factory | w/ field TDR |
| N4A336AKB<br>N4A336GKB<br>(continued) | EHD4X42A**                               | MV08B15**B*   | TDR&TXV           | 34,000                | 0.77 | 12.00 | 14.00   |              |
|                                       | EHD4X42A**                               | MV12F19**B*   | TDR&TXV           | 34,000                | 0.77 | 12.00 | 14.00   |              |
|                                       | EHD4X42A**                               | MV16J22**B*   | TDR&TXV           | 34,000                | 0.77 | 12.00 | 14.00   |              |
|                                       | EHD4X42A**                               | MV20L24**B*   | TDR&TXV           | 34,000                | 0.77 | 12.00 | 14.00   |              |
|                                       | EMA4X36D**                               | †             | TXV               | 33,800                | 0.77 | 10.90 |         | 13.00        |
|                                       | FEM4X36****                              | †             | TDR&TXV           | 34,600                | 0.77 | 11.70 | 14.00   |              |
|                                       | FEM4X42****                              | †             | TDR&TXV           | 34,800                | 0.77 | 11.70 | 14.00   |              |
|                                       | FS(M,U)4X42****                          | †             | TDR&TXV           | 34,200                | 0.77 | 11.00 | 13.00   |              |
|                                       | FSA4X36**A*                              | †             | TDR&TXV           | 33,600                | 0.77 | 10.70 | 13.00   |              |
|                                       | FSM4X36****                              | †             | TDR&TXV           | 34,200                | 0.77 | 11.00 | 13.00   |              |
|                                       | FVM4X36****                              | †             | TDR&TXV           | 33,600                | 0.77 | 12.00 | 14.00   |              |
|                                       | FVM4X48****                              | †             | TDR&TXV           | 34,800                | 0.77 | 12.00 | 14.00   |              |
|                                       | FVM4X60****                              | †             | TDR&TXV           | 34,800                | 0.77 | 12.00 | 14.00   |              |
| N4A342AKA<br>N4A342GKA                | †ED*4X42J**                              | †             | TXV               | 41,000                | 0.77 | 11.00 |         | 13.00        |
|                                       | ED*4X42F**                               | †             | TXV               | 40,500                | 0.77 | 10.80 |         | 13.00        |
|                                       | ED*4X42F**                               | *8MPV075      | TDR&TXV           | 40,000                | 0.77 | 11.20 | 13.50   |              |
|                                       | ED*4X42F**                               | *9MPV075      | TDR&TXV           | 40,000                | 0.77 | 10.90 | 13.00   |              |
|                                       | ED*4X42J**                               | *8MPV100      | TDR&TXV           | 41,500                | 0.77 | 11.20 | 13.50   |              |
|                                       | ED*4X42J**                               | *8MPV125      | TDR&TXV           | 41,000                | 0.77 | 11.50 | 14.00   |              |
|                                       | ED*4X42J**                               | MV16J22****   | TDR&TXV           | 41,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | ED*4X42L**                               | †             | TXV               | 41,000                | 0.77 | 11.00 |         | 13.00        |
|                                       | ED*4X42L**                               | *9MPV125      | TDR&TXV           | 41,500                | 0.77 | 11.00 | 13.00   |              |
|                                       | ED*4X48F**                               | †             | TXV               | 41,500                | 0.77 | 11.00 |         | 13.00        |
|                                       | ED*4X48F**                               | *8MPV075      | TDR&TXV           | 41,500                | 0.77 | 11.20 | 13.50   |              |
|                                       | ED*4X48F**                               | *9MPV075      | TDR&TXV           | 41,000                | 0.77 | 11.00 | 13.20   |              |
|                                       | ED*4X48J**                               | †             | TXV               | 41,500                | 0.77 | 11.00 |         | 13.00        |
|                                       | ED*4X48J**                               | *8MPV100      | TDR&TXV           | 41,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | ED*4X48J**                               | *8MPV125      | TDR&TXV           | 42,000                | 0.77 | 11.50 | 14.00   |              |
|                                       | ED*4X48J**                               | *9MPV100      | TDR&TXV           | 42,000                | 0.77 | 11.00 | 13.20   |              |
|                                       | ED*4X48J**                               | MV16J22****   | TDR&TXV           | 42,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | ED*4X48L**                               | †             | TXV               | 41,500                | 0.77 | 11.00 |         | 13.20        |
|                                       | ED*4X48L**                               | *9MPV125      | TDR&TXV           | 42,000                | 0.77 | 11.20 | 13.50   |              |
|                                       | EHD4X42A**                               | †             | TXV               | 41,000                | 0.77 | 11.00 |         | 13.20        |
|                                       | EHD4X42A**                               | *8MPV075      | TDR&TXV           | 41,000                | 0.77 | 11.20 | 13.50   |              |
|                                       | EHD4X42A**                               | *8MPV100      | TDR&TXV           | 41,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | EHD4X42A**                               | *8MPV125      | TDR&TXV           | 41,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | EHD4X42A**                               | *9MPV075      | TDR&TXV           | 40,500                | 0.77 | 11.20 | 13.50   |              |
|                                       | EHD4X42A**                               | *9MPV100      | TDR&TXV           | 40,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | EHD4X42A**                               | *9MPV125      | TDR&TXV           | 41,500                | 0.77 | 11.20 | 13.50   |              |
|                                       | EHD4X42A**                               | MV16J22****   | TDR&TXV           | 42,000                | 0.77 | 11.70 | 14.00   |              |
|                                       | EHD4X42A**                               | MV20N26****   | TDR&TXV           | 42,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | EHD4X48A**                               | †             | TXV               | 41,500                | 0.77 | 11.00 |         | 13.00        |
|                                       | EHD4X48A**                               | *8MPV075      | TDR&TXV           | 41,500                | 0.77 | 11.20 | 13.50   |              |
|                                       | EHD4X48A**                               | *8MPV100      | TDR&TXV           | 41,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | EHD4X48A**                               | *8MPV125      | TDR&TXV           | 42,000                | 0.77 | 11.50 | 14.00   |              |
|                                       | EHD4X48A**                               | *9MPV075      | TDR&TXV           | 41,000                | 0.77 | 11.20 | 13.50   |              |
|                                       | EHD4X48A**                               | *9MPV100      | TDR&TXV           | 41,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | EHD4X48A**                               | *9MPV125      | TDR&TXV           | 42,000                | 0.77 | 11.20 | 13.50   |              |
|                                       | EHD4X48A**                               | MV16J22****   | TDR&TXV           | 42,000                | 0.77 | 11.70 | 14.00   |              |
|                                       | EHD4X48A**                               | MV20N26****   | TDR&TXV           | 42,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | EMA4X48D**                               | †             | TXV               | 41,500                | 0.77 | 11.00 |         | 13.20        |
|                                       | FEM4X42****                              | †             | TDR&TXV           | 41,500                | 0.77 | 11.50 | 14.00   |              |
|                                       | FEM4X48****                              | †             | TDR&TXV           | 42,500                | 0.77 | 11.70 | 14.00   |              |
|                                       | FS(M,U)4X42****                          | †             | TDR&TXV           | 41,000                | 0.77 | 10.80 | 13.00   |              |
|                                       | FS(M,U)4X48****                          | †             | TDR&TXV           | 42,000                | 0.77 | 11.00 | 13.20   |              |

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.

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

- continued on next page -

| COOLING PERFORMANCE FOR COMBINATION RATINGS (continued) |  |               |                   |                       |       |       |         |              |
|---|--|---------------|-------------------|-----------------------|-------|-------|---------|--------------|
| Indoor Models   |  |               |                   |                       |       |       |         |              |
| Outdoor Model   | Current Indoor Model<br>(† tested combo) | Furnace Model | Factory Installed | Cooling 95° F (35° C) |       |       | SEER    |              |
|   |  |               |                   | BTU/hr                | S/T   | EER   | factory | w/ field TDR |
| N4A342AKA<br>N4A342GKA<br>(continued)                   | FSM4X36****                              | †             | TDR&TXV           | 41,500                | 0.77  | 10.90 | 13.00   |              |
|   | FVM4X48****                              | †             | TDR&TXV           | 41,500                | 0.77  | 12.00 | 14.00   |              |
|   | FVM4X60****                              | †             | TDR&TXV           | 42,500                | 0.77  | 12.00 | 14.00   |              |
| N4A348AKB<br>N4A348GKB                                  | ‡ED*4X48J**                              | †             | TXV               | 46,000                | 0.71  | 11.00 |         | 13.20        |
|   | ED*4X48F**                               | †             | TXV               | 45,000                | 0.71  | 11.00 |         | 13.20        |
|   | ED*4X48J**                               | *8MPV100      | TDR&TXV           | 45,000                | 0.71  | 11.50 | 13.50   |              |
|   | ED*4X48J**                               | *8MPV125      | TDR&TXV           | 45,000                | 0.71  | 11.70 | 13.50   |              |
|   | ED*4X48J**                               | *9MPV100      | TDR&TXV           | 45,000                | 0.71  | 11.20 | 13.20   |              |
|   | ED*4X48J**                               | MV16J22**B*   | TDR&TXV           | 45,000                | 0.71  | 12.00 | 14.00   |              |
|   | ED*4X48L**                               | †             | TXV               | 46,000                | 0.71  | 11.00 |         | 13.20        |
|   | ED*4X48L**                               | *9MPV125      | TDR&TXV           | 45,500                | 0.71  | 11.50 | 13.50   |              |
|   | ED*4X48L**                               | MV20L24**B*   | TDR&TXV           | 45,500                | 0.71  | 12.00 | 14.00   |              |
|   | ED*4X60J**                               | †             | TXV               | 46,000                | 0.71  | 11.20 |         | 13.20        |
|   | ED*4X60J**                               | *8MPV100      | TDR&TXV           | 46,000                | 0.71  | 11.70 | 14.00   |              |
|   | ED*4X60J**                               | *8MPV125      | TDR&TXV           | 46,000                | 0.71  | 12.00 | 14.00   |              |
|   | ED*4X60J**                               | *9MPV100      | TDR&TXV           | 46,000                | 0.71  | 11.70 | 13.50   |              |
|   | ED*4X60L**                               | †             | TXV               | 46,500                | 0.71  | 11.20 |         | 13.20        |
|   | ED*4X60L**                               | *9MPV125      | TDR&TXV           | 46,500                | 0.71  | 11.70 | 13.50   |              |
|   | EHD4X48A**                               | †             | TXV               | 46,000                | 0.71  | 11.00 |         | 13.20        |
|   | EHD4X48A**                               | *8MPV100      | TDR&TXV           | 46,000                | 0.71  | 11.50 | 13.50   |              |
|   | EHD4X48A**                               | *8MPV125      | TDR&TXV           | 46,000                | 0.71  | 11.70 | 13.50   |              |
|   | EHD4X48A**                               | *9MPV100      | TDR&TXV           | 45,500                | 0.71  | 11.20 | 13.20   |              |
|   | EHD4X48A**                               | *9MPV125      | TDR&TXV           | 45,500                | 0.71  | 11.50 | 13.50   |              |
|   | EHD4X48A**                               | MV16J22**B*   | TDR&TXV           | 46,000                | 0.71  | 12.00 | 14.00   |              |
|   | EHD4X48A**                               | MV20L24**B*   | TDR&TXV           | 46,000                | 0.71  | 12.00 | 14.00   |              |
|   | EHD4X60A**                               | †             | TXV               | 46,500                | 0.71  | 11.20 |         | 13.20        |
|   | EHD4X60A**                               | *8MPV100      | TDR&TXV           | 46,500                | 0.71  | 11.70 | 14.00   |              |
|   | EHD4X60A**                               | *8MPV125      | TDR&TXV           | 46,500                | 0.71  | 12.00 | 14.00   |              |
|   | EHD4X60A**                               | *9MPV100      | TDR&TXV           | 46,500                | 0.71  | 11.70 | 13.50   |              |
|   | EHD4X60A**                               | *9MPV125      | TDR&TXV           | 46,500                | 0.71  | 11.70 | 13.50   |              |
|   | EMA4X48D**                               | †             | TXV               | 45,000                | 0.71  | 11.00 |         | 13.20        |
|   | FEM4X48****                              | †             | TDR&TXV           | 46,500                | 0.71  | 11.70 | 13.50   |              |
|   | FEM4X60****                              | †             | TDR&TXV           | 47,500                | 0.71  | 12.00 | 14.00   |              |
|   | FS(M,U)4X48****                          | †             | TDR&TXV           | 45,500                | 0.71  | 11.20 | 13.20   |              |
|   | FS(M,U)4X60****                          | †             | TDR&TXV           | 46,500                | 0.71  | 11.20 | 13.20   |              |
|   | FVM4X48****                              | †             | TDR&TXV           | 46,000                | 0.71  | 12.00 | 14.00   |              |
| N4A360AKC<br>N4A360GKC                                  | ‡ED*4X60L**                              | †             | TXV               | 57,500                | 0.74  | 11.00 |         | 13.00        |
|   | ED*4X60J**                               | MV16J22**B*   | TDR&TXV           | 57,000                | 0.74  | 11.20 | 13.50   |              |
|   | ED*4X60J**                               | †             | TXV               | 57,500                | 0.74  | 11.00 |         | 13.00        |
|   | ED*4X60L**                               | MV20L24**B*   | TDR&TXV           | 57,000                | 0.74  | 11.20 | 13.20   |              |
|   | EHD4X60A**                               | MV16J22**B*   | TDR&TXV           | 57,500                | 0.74  | 11.50 | 13.50   |              |
|   | EHD4X60A**                               | MV20L24**B*   | TDR&TXV           | 57,000                | 0.74  | 11.20 | 13.20   |              |
|   | EHD4X60A**                               | †             | TXV               | 57,500                | 0.74  | 11.00 |         | 13.00        |
| FEM4X60****   | †  | TDR&TXV       | 57,500            | 0.74                  | 11.20 | 13.20 |         |              |
| FVM4X60****   | †  | TDR&TXV       | 57,500            | 0.74                  | 11.50 | 13.50 |         |              |

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.

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



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.

| 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>3</b> | <b>18</b> | <b>A</b> | <b>K</b> | <b>B</b> | <b>1</b> | <b>0</b> | <b>0</b> |
| T = Tempstar Mainline   |          |          |          |          |           |          |          |          |          |          |          |
| N = Tempstar 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) |          |          |          |          |          |           |           |           |  |

International Comfort Products, LLC  
 Lewisburg, Tennessee 37091 USA  
[www.GoTempstar.com](http://www.GoTempstar.com)