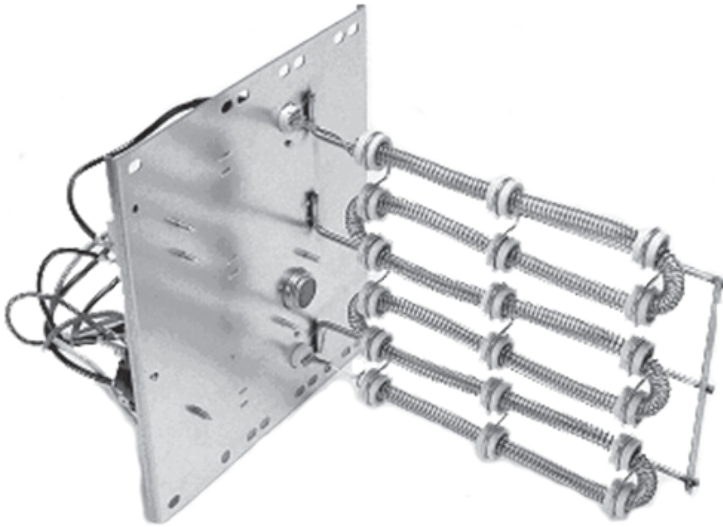




Air Conditioning & Heating

# HKR / HKA / HKP / HKS

## ELECTRIC HEAT KITS FOR AIR HANDLERS AND PACKAGED ELECTRIC UNITS



### Standard Features

- Sequencers for better temperature control
- Multiple branch circuit capability
- Completely assembled and tested
- Control circuitry arranged to readily permit staging
- Factory-installed circuit breakers available on specific models (See Electrical Data)
- Fuse link secondary high-temperature limit control
- Plug-in wiring harness for ease of installation into air handler
- Rust-resistant nickel chromium heat elements
- ETL Listed

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\*Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com).

NOMENCLATURE

|                                     |         | HKR | *                 | -05 | *   | A  |  |  |  |
|-------------------------------------|---------|-----|-------------------|-----|-----|----|--|--|--|
|                                     |         | 1   | 2                 | 3   | 4,5 | 11 |  |  |  |
| <b>Unit Type</b>                    |         |     |                   |     |     |    | <b>Revisions</b>                                   |  |  |
| HKR Air Handlers & Packaged Units   |         |     |                   |     |     |    | Engineering Revisions                              |  |  |
| HKA Air Handlers                    |         |     |                   |     |     |    |  |  |  |
| HKP Packaged Units                  |         |     |                   |     |     |    | <b>Circuit Breaker</b>                             |  |  |
|                                     |         |     |                   |     |     |    | None Single- or 3-Phase Kit;<br>No Circuit Breaker |  |  |
| <b>Phase</b>                        |         |     |                   |     |     |    | C Single-Phase Kit w/<br>Circuit Breaker           |  |  |
| None Single-Phase                   |         |     |                   |     |     |    |  |  |  |
| 3 Three-Phase                       |         |     |                   |     |     |    |  |  |  |
| <b>Heating Capacity @ 240 Volts</b> |         |     |                   |     |     |    |  |  |  |
| 5                                   | 4.75 kW | 15  | 14.25 to 15.00 kW |     |     |    |  |  |  |
| 8                                   | 7.00 kW | 20  | 19.00 to 19.60 kW |     |     |    |  |  |  |
| 10                                  | 9.50 kW |     |                   |     |     |    |  |  |  |

|                                     |                         | HKS | X | 03 | X | A | AA                        |  |  |
|-------------------------------------|-------------------------|-----|---|----|---|---|---------------------------|--|--|
|                                     |                         | 1   | 2 | 3  | 4 | 5 | 6,7                       |  |  |
| <b>Unit Type</b>                    |                         |     |   |    |   |   | <b>Revisions</b>          |  |  |
| HKS Heat Kit for Air Handlers       |                         |     |   |    |   |   | Engineering Revisions     |  |  |
| <b>Phase</b>                        |                         |     |   |    |   |   | <b>Phase</b>              |  |  |
| X No circuit breaker                |                         |     |   |    |   |   | A Single Phase 208 V      |  |  |
| C Circuit Breaker                   |                         |     |   |    |   |   | B Single Phase 240 V      |  |  |
|                                     |                         |     |   |    |   |   | C Single Phase 208/240 V  |  |  |
|                                     |                         |     |   |    |   |   | D Three Phase 208 V       |  |  |
|                                     |                         |     |   |    |   |   | E Three Phase 240 V       |  |  |
|                                     |                         |     |   |    |   |   | F Three Phase 208/240 V   |  |  |
|                                     |                         |     |   |    |   |   | G Three Phase 460 V       |  |  |
| <b>Heating Capacity @ 240 Volts</b> |                         |     |   |    |   |   | <b>Cabinet Size (MAX)</b> |  |  |
| 03                                  | 3.0 kW                  |     |   |    |   |   |                           |  |  |
| 05                                  | 4.5 kW                  |     |   |    |   |   |                           |  |  |
| 06                                  | 6.0 kW                  |     |   |    |   |   |                           |  |  |
| 08                                  | 8.0 kW                  |     |   |    |   |   |                           |  |  |
| 10                                  | 9.6 kW                  |     |   |    |   |   |                           |  |  |
| 15                                  | 14.4 kW                 |     |   |    |   |   |                           |  |  |
| 19                                  | 19.2 k@ wth 150F limit  |     |   |    |   |   |                           |  |  |
| 20                                  | 19.2 kW with 170F limit |     |   |    |   |   |                           |  |  |
| 25                                  | 25.0 kW                 |     |   |    |   |   |                           |  |  |
|                                     |                         |     |   |    |   |   | C C Cabinet               |  |  |
|                                     |                         |     |   |    |   |   | D D Cabinet               |  |  |
|                                     |                         |     |   |    |   |   | X All Cabinet Sizes       |  |  |

HEATING kW CORRECTION FACTOR

| SUPPLY VOLTAGE    | 240  | 230  | 220  | 210  | 208  |
|-------------------|------|------|------|------|------|
| CORRECTION FACTOR | 1.00 | 0.92 | 0.84 | 0.77 | 0.75 |

Multiply the 240-volt heating capacity by correction factors.



# AIR HANDLER ELECTRICAL DATA — AVPTC

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>AVPTC24B14A*</b>       |             | 4.9/4.9          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/21            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20.0   | 27/30            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25.0   | 32/36            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 41/47            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40.0   | 48/55            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| <b>AVPTC30C14A*</b>       | 0.0/0.0     | 4.9/4.9          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/21            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20.0   | 27/30            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25.0   | 32/36            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 41/47            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40.0   | 48/55            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| <b>AVPTC36C14A*</b>       | 0.0/0.0     | 6.5/6.5          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 20/22            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20.0   | 28/32            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25.0   | 34/38            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 43/48            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40.0   | 50/57            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40.0   | 50/57            | 50/60            | 17.3/20.0   | 22/25            | 25/25            | 72/82            | 80/90            |
| HKSC19C##                 | 34.7/40.0   | 50/57            | 50/60            | 34.7/40     | 43/50            | 45/50            | 93/107           | 100/110          |
| HKSC15XF*                 | 0.0/0.0     | 6.5/6.5          | 15/15            | 30.0/34.6   | 38/43            | 40/45            | ---              | ---              |
| <b>AVPTC42D14A*</b>       | 0.0/0.0     | 6.5/6.5          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 20/22            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20.0   | 28/32            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25.0   | 34/38            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 43/48            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40.0   | 50/57            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40.0   | 50/57            | 50/60            | 17.3/20.0   | 22/25            | 25/25            | 72/82            | 80/90            |
| HKSC20D##                 | 34.7/40.0   | 50/57            | 50/60            | 34.7/40     | 43/50            | 45/50            | 93/107           | 100/110          |
| HKSC15XF*                 | 0.0/0.0     | 6.5/6.5          | 15/15            | 30.0/34.6   | 38/43            | 40/45            | ---              | ---              |
| HKSC20XF*                 | 0.0/0.0     | 6.5/6.5          | 15/15            | 37.5/43.3   | 47/54            | 50/60            | ---              | ---              |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240V

^ Heat Kit requires three-phase power supply

\* Revision level that may or may not be designated

C Circuit breaker option --- indicates Not Required

**NOTES**

- All HKR ampacities noted above include air handler motor amps, excluding three-phase models.
- HKA meets the new UL1995 requirements for 15 and 20KW heaters; HKR-21C\* is Obsolete; no replacement

## AIR HANDLER ELECTRICAL DATA — AVPTC (CONT.)

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>AVPTC48D14A*</b>       | 0.0/0.0     | 6.5/6.5          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 20/22            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20.0   | 28/32            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25.0   | 34/38            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 43/48            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40.0   | 50/57            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40.0   | 50/57            | 50/60            | 17.3/20.0   | 22/25            | 25/25            | 72/82            | 80/90            |
| HKSC20D#*                 | 34.7/40.0   | 50/57            | 50/60            | 34.7/40     | 43/50            | 45/50            | 93/107           | 100/110          |
| HKSC15XF*                 | 0.0/0.0     | 6.5/6.5          | 15/15            | 30.0/34.6   | 38/43            | 40/45            | ---              | ---              |
| HKSC20XF*                 | 0.0/0.0     | 6.5/6.5          | 15/15            | 37.5/43.3   | 47/54            | 50/60            | ---              | ---              |
| HKSC25DC*                 | 52.0/60.0   | 74/84            | 80/90            | 34.7/40.0   | 43/50            | 45/50            | 117/134          | 125/150          |
| <b>AVPTC60D14A*</b>       | 0.0/0.0     | 8.6/8.6          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 22/24            | 25/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20.0   | 30/34            | 35/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25.0   | 36/40            | 40/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 45/50            | 45/60            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40.0   | 52/59            | 60/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40.0   | 52/59            | 60/60            | 17.3/20     | 22/25            | 25/25            | 74/84            | 80/90            |
| HKSC20D#*                 | 34.7/40.0   | 52/59            | 60/60            | 34.7/40.0   | 43/50            | 45/50            | 95/109           | 100/110          |
| HKSC15XF*                 | 0.0/0.0     | 8.6/8.6          | 15/15            | 30.0/34.6   | 38/43            | 40/45            | ---              | ---              |
| HKSC20XF*                 | 0.0/0.0     | 8.6/8.6          | 15/15            | 37.5/43.3   | 47/54            | 50/60            | ---              | ---              |
| HKSC25DC*                 | 52.0/60.0   | 74/84            | 80/90            | 34.7/40.0   | 43/50            | 45/50            | 117/134          | 125/150          |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240V

^ Heat Kit requires three-phase power supply

\* Revision level that may or may not be designated

C Circuit breaker option --- indicates Not Required

**NOTES**

- All HKR ampacities noted above include air handler motor amps, excluding three-phase models.
- HKA meets the new UL1995 requirements for 15 and 20KW heaters; HKR-21C\* is Obsolete; no replacement

# AIR HANDLER ELECTRICAL DATA — ARPT

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>ARPT18B14AA</b>        | 0/0         | 2.4/2.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 16/18            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 24/27            | 25/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 29/34            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 34/39            | 40/45            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 45/52            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| <b>ARPT24B14AA</b>        | 0/0         | 2.4/2.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 16/18            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 24/28            | 25/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 30/34            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 39/44            | 40/45            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 46/53            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 46/53            | 50/60            | 17.3/20     | 22/25            | 25/30            | 68/78            | 70/80            |
| <b>ARPT30B14AA</b>        | 0/0         | 2.4/2.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 16/18            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 24/28            | 25/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 30/34            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 39/44            | 40/45            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 46/53            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 46/53            | 50/60            | 17.3/20     | 22/25            | 25/30            | 68/78            | 70/80            |
| <b>ARPT36C14AA</b>        | 0/0         | 3.8/3.8          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/29            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 32/36            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 41/46            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/54            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/54            | 50/60            | 17.3/20     | 22/25            | 25/30            | 70/80            | 70/80            |
| HKSC19C##                 | 34.7/40     | 48/54            | 50/60            | 34.7/40     | 44/50            | 45/60            | 91/105           | 100/110          |
| HKSC15XF*                 | 0/0         | 3.8/3.8          | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 3.8/3.8          | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| <b>ARPT36D14AA</b>        | 0/0         | 3.8/3.8          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/29            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 31/35            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 40/46            | 40/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/54            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/54            | 50/60            | 17.3/20     | 22/25            | 25/30            | 70/80            | 70/80            |
| HKSC20D##                 | 34.7/40     | 48/54            | 50/60            | 34.7/40     | 44/50            | 45/60            | 91/105           | 100/110          |
| HKSC15XF*                 | 0/0         | 3.8/3.8          | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 3.8/3.8          | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |

<sup>1</sup> Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

<sup>2</sup> Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

\* Revision level that may or may not be designated

--- indicates Not Required

**AIR HANDLER ELECTRICAL DATA — ARPT (CONT.)**

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>ARPT42D14AA</b>        | 0/0         | 4.4/4.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/30            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 32/36            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 41/46            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/55            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/55            | 50/60            | 17.3/20     | 22/25            | 25/30            | 71/81            | 80/90            |
| HKSC20D##                 | 34.7/40     | 48/55            | 50/60            | 34.7/40     | 44/50            | 45/60            | 92/106           | 100/110          |
| HKSC15XF*                 | 0/0         | 4.4/ 4.4         | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 4.4/ 4.4         | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| <b>ARPT48D14AA</b>        | 0/0         | 4.4/4.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/30            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 32/36            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 41/46            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/55            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/55            | 50/60            | 17.3/20     | 22/25            | 25/30            | 71/81            | 80/90            |
| HKSC20D##                 | 34.7/40     | 48/55            | 50/60            | 34.7/40     | 44/50            | 45/60            | 92/106           | 100/110          |
| HKSC15XF*                 | 0/0         | 4.4/ 4.4         | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 4.4/ 4.4         | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| <b>ARPT60D14AA</b>        | 0/0         | 5.8/5.8          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 20/22            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 28/31            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 33/37            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 42/48            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 50/56            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 50/56            | 50/60            | 17.3/20     | 22/25            | 25/30            | 72/82            | 80/90            |
| HKSC20D##                 | 34.7/40     | 50/56            | 50/60            | 34.7/40     | 44/50            | 45/60            | 94/107           | 100/110          |
| HKSC15XF*                 | 0/0         | 5.8/5.8          | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 5.8/5.8          | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| HKSC25DC*                 | 34.7/40     | 50/56            | 50/60            | 52/60       | 65/75            | 70/80            | 116/133          | 125/150          |

<sup>1</sup> Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

\* Revision level that may or may not be designated

<sup>2</sup> Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

--- indicates Not Required

## AIR HANDLER ELECTRICAL DATA — ARUF-SF WITH HKS ELECTRIC HEAT

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>ARUF18B14AA</b>        | 0/0         | 2.4/2.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 16/18            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 24/28            | 25/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 30/34            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 39/44            | 40/45            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 46/53            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| <b>ARUF24B14AA</b>        | 0/0         | 2.4/2.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 16/18            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 24/28            | 25/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 30/34            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 39/44            | 40/45            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 46/53            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| <b>ARUF30B14AA</b>        | 0/0         | 2.4/2.4          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 16/18            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 24/28            | 25/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 30/34            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 39/44            | 40/45            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 46/53            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 46/53            | 50/60            | 17.3/20     | 22/25            | 25/30            | 68/78            | 70/80            |
| <b>ARUF30C14BA</b>        | 0/0         | 3.8/3.8          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/29            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 31/35            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 40/46            | 40/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/54            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/54            | 50/60            | 17.3/20     | 22/25            | 25/30            | 70/80            | 70/80            |
| HKSC19C##                 | 34.7/40     | 48/54            | 50/60            | 34.7/40     | 44/50            | 45/60            | 91/105           | 100/110          |
| HKSC15XF*                 | 0/0         | 3.8/3.8          | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 3.8/3.8          | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| <b>ARUF36C14AA</b>        | 0/0         | 3.8/3.8          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/29            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 31/35            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 40/46            | 40/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/54            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/54            | 50/60            | 17.3/20     | 22/25            | 25/30            | 70/80            | 70/80            |
| HKSC19C##                 | 34.7/40     | 48/54            | 50/60            | 34.7/40     | 44/50            | 45/60            | 91/105           | 100/110          |
| HKSC15XF*                 | 0/0         | 3.8/3.8          | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 3.8/3.8          | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |

<sup>1</sup> Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

<sup>2</sup> Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

\* Revision level that may or may not be designated

--- indicates Not Required

**AIR HANDLER ELECTRICAL DATA — ARUF-SF WITH HKS ELECTRIC HEAT (CONT.)**

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>ARUF42C14AA</b>        | 0/0         | 3.8/3.8          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/20            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/29            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 32/36            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 41/46            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/54            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/54            | 50/60            | 17.3/20     | 22/25            | 25/30            | 70/80            | 70/80            |
| HKSC19C##                 | 34.7/40     | 48/54            | 50/60            | 34.7/40     | 44/50            | 45/60            | 92/105           | 100/110          |
| HKSC15XF*                 | 0/0         | 3.8/3.8          | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 3.8/3.8          | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| <b>ARUF48D14AA</b>        | 0/0         | 4.4/ 4.4         | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 18/20            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 26/30            | 30/30            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 32/36            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 41/46            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 48/55            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 48/55            | 50/60            | 17.3/20     | 22/25            | 25/30            | 71/81            | 80/90            |
| HKSC20D##                 | 34.7/40     | 48/55            | 50/60            | 34.7/40     | 44/50            | 45/60            | 92/106           | 100/110          |
| HKSC15XF*                 | 0/0         | 4.4/ 4.4         | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 4.4/ 4.4         | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| <b>ARUF60D14AA</b>        | 0/0         | 5.8/5.8          | 15/15            | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8/12.5   | 20/22            | 20/25            | ---         | ---              | ---              | ---              | ---              |
| HKS*05XC*                 | 17.3/20     | 28/31            | 30/35            | ---         | ---              | ---              | ---              | ---              |
| HKS*06XC*                 | 21.7/25     | 33/37            | 35/40            | ---         | ---              | ---              | ---              | ---              |
| HKS*08XC*                 | 28.9/33.3   | 42/48            | 45/50            | ---         | ---              | ---              | ---              | ---              |
| HKS*10XC*                 | 34.7/40     | 50/56            | 50/60            | ---         | ---              | ---              | ---              | ---              |
| HKSC15*##                 | 34.7/40     | 50/56            | 50/60            | 17.3/20     | 22/25            | 25/30            | 72/82            | 80/90            |
| HKSC20D##                 | 34.7/40     | 50/56            | 50/60            | 34.7/40     | 44/50            | 45/60            | 94/107           | 100/110          |
| HKSC15XF*                 | 0/0         | 5.8/5.8          | 15/15            | 30/34.6     | 38/44            | 40/50            | ---              | ---              |
| HKSC20XF*                 | 0/0         | 5.8/5.8          | 15/15            | 37/43       | 47/54            | 50/60            | ---              | ---              |
| HKSC25DC*                 | 34.7/40     | 50/56            | 50/60            | 52/60       | 65/75            | 70/80            | 116/133          | 125/150          |

<sup>1</sup> Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

<sup>2</sup> Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

\* Revision level that may or may not be designated

--- indicates Not Required



**AIR HANDLER ELECTRICAL DATA — ARUF WITH HKR ELECTRIC HEAT**

| AIR HANDLER MODEL            | MOTOR |     | VOLTS-HERTZ-PHASE | HEATER KIT    | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  |
|------------------------------|-------|-----|-------------------|---------------|-------------|------------------|------------------|-------------|------------------|------------------|
|                              | AMP+  | HP  |                   |               | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> |
| ARUF172916AA<br>ARUF172916BA | 1.7   | 1/3 | 208/240-60-1      | -----         | 0/0         | 2.1/2.1          | 15/15            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-03*       | 10.8/12.5   | 16/18            | 20/20            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 24/27            | 30/30            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-06*       | 21.6/25.0   | 30/34            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 34/39            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 45/52            | 60/60            | ----        | ----             | ----             |
| ARUF172916CA                 | 1.9   | 1/3 | 208/240-60-1      | -----         | 0/0         | 2.4/2.4          | 15/15            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-03*       | 10.8/12.5   | 16/18            | 20/20            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-05*/-05C* | 17.2/19.8   | 24/27            | 25/30            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-06*       | 21.7/25.0   | 29/34            | 30/35            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-08*/-08C* | 25.3/29.2   | 34/39            | 35/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 45/52            | 50/60            | ----        | ----             | ----             |
| ARUF182416AA<br>ARUF182416BA | 1.7   | 1/3 | 208/240-60-1      | -----         | 0/0         | 2.1/2.1          | 15/15            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-03*       | 10.8/12.5   | 16/18            | 20/20            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 24/27            | 30/30            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-06*       | 21.6/25.0   | 30/34            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 34/39            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 45/52            | 60/60            | ----        | ----             | ----             |
| ARUF182416CA                 | 1.9   | 1/3 | 208/240-60-1      | -----         | 0/0         | 2.4/2.4          | 15/15            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-03*       | 10.8/12.5   | 16/18            | 20/20            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-05*/-05C* | 17.2/19.8   | 24/27            | 25/30            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-06*       | 21.7/25.0   | 29/34            | 30/35            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-08*/-08C* | 25.3/29.2   | 34/39            | 35/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 45/52            | 50/60            | ----        | ----             | ----             |
| ARUF193116AA<br>ARUF193116BA | 1.48  | 1/4 | 208/240-60-1      | -----         | 0/0         | 1.9/1.9          | 15/15            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-03*       | 10.8/12.5   | 15/17            | 20/20            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 23/27            | 30/30            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-06*       | 21.6/25.0   | 29/33            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 33/38            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 45/51            | 60/60            | ----        | ----             | ----             |
| ARUF193116CA                 | 1.48  | 1/4 | 208/240-60-1      | -----         | 0/0         | 1.9/1.9          | 15/15            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-03*       | 10.8/12.5   | 15/17            | 20/20            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-05*/-05C* | 17.2/19.8   | 23/27            | 25/30            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-06*       | 21.7/25.0   | 29/33            | 30/35            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-08*/-08C* | 25.3/29.2   | 33/38            | 35/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 45/51            | 45/60            | ----        | ----             | ----             |
| ARUF303016AA<br>ARUF303016BA | 2.64  | 1/3 | 208/240-60-1      | -----         | 0/0         | 3.3/3.3          | 15/15            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-03*       | 10.8/12.5   | 17/19            | 20/20            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 25/28            | 30/30            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-06*       | 21.6/25.0   | 30/35            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 35/40            | 40/40            | ----        | ----             | ----             |
|                              |       |     |                   | HKR-15C*      | 34.3/39.6   | 45/51            | 45/60            | 17.2/19.8   | 21/25            | 25/25            |

See Notes on Page 11.

AIR HANDLER ELECTRICAL DATA — ARUF WITH HKR ELECTRIC HEAT (CONT.)

| AIR HANDLER MODEL                            | MOTOR     |       | VOLTS-HERTZ-PHASE | HEATER KIT    | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  |
|--|-----------|-------|-------------------|---------------|-------------|------------------|------------------|-------------|------------------|------------------|
|  | AMP+      | HP    |                   |               | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> |
| ARUF303016AA<br>ARUF303016BA                 | 2.64      | 1/3   | 208/240-60-1      | HKR-10*/-10C* | 34.3/39.6   | 46/53            | 60/60            | ----        | ----             | ----             |
|  |           |       |                   | HKR-15C*      | 34.3/39.6   | 46/53            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
|  |           |       |                   | HKR-20C*      | 34.3/39.6   | 46/53            | 60/60            | 34.3/39.6   | 43/49            | 60/60            |
|  |           |       |                   | HKR-21C*      | 37.9/43.8   | 51/58            | 60/60            | 37.9/43.8   | 48/55            | 60/60            |
|  |           |       |                   | ^HKR3-15*     | 0/0         | 3.3/3.3          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
|  |           |       |                   | ^HKR3-20*     | 0/0         | 3.3/3.3          | 15/15            | 40.6/46.9   | 51/59            | 60/60            |
| ARUF303016CA                                 | 2.64      | 1/3   | 208/240-60-1      | -----         | 0/0         | 3.3/3.3          | 15/15            | ----        | ----             | ----             |
|  |           |       |                   | HKR-03*       | 10.8/12.5   | 17/19            | 20/20            | ----        | ----             | ----             |
|  |           |       |                   | HKR-05*/-05C* | 17.2/19.8   | 25/28            | 25/30            | ----        | ----             | ----             |
|  |           |       |                   | HKR-06*       | 21.7/25.0   | 30/35            | 35/35            | ----        | ----             | ----             |
|  |           |       |                   | HKR-08*/-08C* | 25.3/29.2   | 35/40            | 35/40            | ----        | ----             | ----             |
|  |           |       |                   | HKR-10*/-10C* | 34.3/39.6   | 46/53            | 50/60            | ----        | ----             | ----             |
|  |           |       |                   | HKR-15C*      | 34.3/39.6   | 46/53            | 50/60            | 17.2/19.8   | 21/25            | 25/25            |
|  |           |       |                   | HKR-20C*      | 34.3/39.6   | 46/53            | 50/60            | 34.3/39.6   | 43/49            | 45/50            |
|  |           |       |                   | HKR-21C*      | 37.9/43.8   | 51/58            | 60/60            | 37.9/43.8   | 47/55            | 50/60            |
|  |           |       |                   | ^HKR3-15*     | 0/0         | 3.3/3.3          | 15/15            | 31.3/36.1   | 39/45            | 40/50            |
| ARUF363616AA                                 | 2.64      | 1/3   | 208/240-60-1      | -----         | 0/0         | 3.3/3.3          | 15/15            | ----        | ----             | ----             |
|  |           |       |                   | HKR-03*       | 10.8/12.5   | 17/19            | 20/20            | ----        | ----             | ----             |
|  |           |       |                   | HKR-05*/-05C* | 17.1/19.8   | 25/28            | 30/30            | ----        | ----             | ----             |
|  |           |       |                   | HKR-06*       | 21.6/25.0   | 30/35            | 40/40            | ----        | ----             | ----             |
|  |           |       |                   | HKR-08*/-08C* | 25.2/29.1   | 35/40            | 40/40            | ----        | ----             | ----             |
|  |           |       |                   | HKR-10*/-10C* | 34.3/39.6   | 46/53            | 60/60            | ----        | ----             | ----             |
|  |           |       |                   | HKR-15C*      | 34.3/39.6   | 46/53            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
|  |           |       |                   | ^HKR3-15*     | 0/0         | 3.3/3.3          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
| ARUF363616BA                                 | 2.64      | 1/3   | 208/240-60-1      | -----         | 0/0         | 3.3/3.3          | 15/15            | ----        | ----             | ----             |
|  |           |       |                   | HKR-03*       | 10.8/12.5   | 17/19            | 20/20            | ----        | ----             | ----             |
|  |           |       |                   | HKR-05*/-05C* | 17.1/19.8   | 25/28            | 30/30            | ----        | ----             | ----             |
|  |           |       |                   | HKR-06*       | 21.6/25.0   | 30/35            | 40/40            | ----        | ----             | ----             |
|  |           |       |                   | HKR-08*/-08C* | 25.2/29.1   | 35/40            | 40/40            | ----        | ----             | ----             |
|  |           |       |                   | HKR-10*/-10C* | 34.3/39.6   | 46/53            | 60/60            | ----        | ----             | ----             |
|  |           |       |                   | HKR-15C*      | 34.3/39.6   | 46/53            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
|  |           |       |                   | ^HKR3-15*     | 0/0         | 3.3/3.3          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
| ARUF363616CA                                 | 2.64      | 1/3   | 208/240-60-1      | -----         | 0/0         | 3.3/3.3          | 15/15            | ----        | ----             | ----             |
|  |           |       |                   | HKR-03*       | 10.8/12.5   | 17/19            | 20/20            | ----        | ----             | ----             |
|  |           |       |                   | HKR-05*/-05C* | 17.2/19.8   | 25/28            | 25/30            | ----        | ----             | ----             |
|  |           |       |                   | HKR-06*       | 21.7/25.0   | 30/35            | 35/35            | ----        | ----             | ----             |
|  |           |       |                   | HKR-08*/-08C* | 25.3/29.2   | 35/40            | 35/40            | ----        | ----             | ----             |
|  |           |       |                   | HKR-10*/-10C* | 34.3/39.6   | 46/53            | 50/60            | ----        | ----             | ----             |
|  |           |       |                   | HKR-15C*      | 34.3/39.6   | 46/53            | 50/60            | 17.2/19.8   | 21/25            | 25/25            |
|  |           |       |                   | ^HKR3-15*     | 0/0         | 3.3/3.3          | 15/15            | 31.3/36.1   | 39/45            | 40/50            |
| ARUF364216AA<br>ARUF364216AB<br>ARUF364216AC | 2.95      | 1/2   | 208/240-60-1      | -----         | 0/0         | 3.7/3.7          | 15/15            | ----        | ----             | ----             |
|  |           |       |                   | HKR-03*       | 10.8/12.5   | 17/19            | 20/20            | ----        | ----             | ----             |
|  |           |       |                   | HKR-05*/-05C* | 17.1/19.8   | 25/28            | 30/30            | ----        | ----             | ----             |
|  |           |       |                   | HKR-06*       | 21.6/25.0   | 31/35            | 40/40            | ----        | ----             | ----             |
|  |           |       |                   | HKR-08*/-08C* | 25.2/29.1   | 35/40            | 40/40            | ----        | ----             | ----             |
| HKR-10*/-10C*                                | 34.3/39.6 | 47/53 | 60/60             | ----          | ----        | ----             |                  |             |                  |                  |

See Notes on Page 11.

## AIR HANDLER ELECTRICAL DATA — ARUF WITH HKR ELECTRIC HEAT (CONT.)

| AIR HANDLER MODEL | MOTOR |     | VOLTS-HERTZ-PHASE | HEATER KIT    | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  |
|-------------------|-------|-----|-------------------|---------------|-------------|------------------|------------------|-------------|------------------|------------------|
|                   | AMP+  | HP  |                   |               | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> |
| ARUF364216AA      | 2.95  | 1/2 | 208/240-60-1      | HKR-15C*      | 34.3/39.6   | 47/53            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
| ARUF364216AB      |       |     |                   | HKR-20C*      | 34.3/39.6   | 47/53            | 60/60            | 34.3/39.6   | 43/49            | 60/60            |
| ARUF364216AC      |       |     |                   | HKR-21C*      | 37.9/43.8   | 51/58            | 60/60            | 37.9/43.8   | 48/55            | 60/60            |
|                   |       |     |                   | ^HKR3-15*     | 0/0         | 3.7/3.7          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
|                   |       |     |                   | ^HKR3-20*     | 0/0         | 3.7/3.7          | 15/15            | 40.6/46.9   | 51/59            | 60/60            |
| ARUF364216BA      | 2.95  | 1/2 | 208/240-60-1      | -----         | 0/0         | 3.7/3.7          | 15/15            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-03*       | 10.8/12.5   | 17/19            | 20/20            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 25/28            | 30/30            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-06*       | 21.6/25.0   | 31/35            | 40/40            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 35/40            | 40/40            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 47/53            | 60/60            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-15C*      | 34.3/39.6   | 47/53            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
|                   |       |     |                   | HKR-20C*      | 34.3/39.6   | 47/53            | 60/60            | 34.3/39.6   | 43/49            | 60/60            |
|                   |       |     |                   | HKR-21C*      | 37.9/43.8   | 51/58            | 60/60            | 37.9/43.8   | 48/55            | 60/60            |
|                   |       |     |                   | ^HKR3-15*     | 0/0         | 3.7/3.7          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
|                   |       |     |                   | ^HKR3-20*     | 0/0         | 3.7/3.7          | 15/15            | 40.6/46.9   | 51/59            | 60/60            |
| ARUF364216CA      | 3.12  | 1/2 | 208/240-60-1      | -----         | 0/0         | 3.7/3.9          | 15/15            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-03*       | 10.8/12.5   | 17/20            | 20/20            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-05*/-05C* | 17.2/19.8   | 25/29            | 30/30            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-06*       | 21.7/25.0   | 31/35            | 35/40            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-08*/-08C* | 25.3/29.2   | 35/40            | 40/45            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 47/53            | 50/60            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-15C*      | 34.3/39.6   | 47/53            | 50/60            | 17.1/19.8   | 21/25            | 25/25            |
|                   |       |     |                   | HKR-20C*      | 34.3/39.6   | 47/53            | 50/60            | 34.3/39.6   | 43/49            | 45/50            |
|                   |       |     |                   | HKR-21C*      | 37.9/43.8   | 51/59            | 60/60            | 37.9/43.8   | 47/55            | 50/60            |
|                   |       |     |                   | ^HKR3-15*     | 0/0         | 3.7/3.9          | 15/15            | 31.3/36.1   | 39/45            | 40/50            |
|                   |       |     |                   | ^HKR3-20*     | 0/0         | 3.7/3.9          | 15/15            | 40.7/46.9   | 51/59            | 60/60            |
| ARUF374316AA      | 3.39  | 1/2 | 208/240-60-1      | -----         | 0/0         | 4.2/4.2          | 15/15            | -----       | -----            | -----            |
| ARUF374316BA      |       |     |                   | HKR-03*       | 10.8/12.5   | 18/20            | 20/20            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 26/29            | 30/30            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-06*       | 21.6/25.0   | 31/35            | 40/40            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 36/41            | 40/40            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 47/54            | 60/60            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-15C*      | 34.3/39.6   | 47/54            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
|                   |       |     |                   | HKR-20C*      | 34.3/39.6   | 47/54            | 60/60            | 34.3/39.6   | 43/49            | 60/60            |
|                   |       |     |                   | HKR-21C*      | 37.9/43.8   | 52/59            | 60/60            | 37.9/43.8   | 48/55            | 60/60            |
|                   |       |     |                   | ^HKR3-15*     | 0/0         | 4.2/4.2          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
|                   |       |     |                   | ^HKR3-20*     | 0/0         | 4.2/4.2          | 15/15            | 40.6/46.9   | 51/59            | 60/60            |
| ARUF374316CA      | 3.39  | 1/2 | 208/240-60-1      | -----         | 0/0         | 4.2/4.2          | 15/15            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-03*       | 10.8/12.5   | 18/20            | 20/20            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-05*/-05C* | 17.2/19.8   | 26/29            | 30/30            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-06*       | 21.7/25.0   | 31/35            | 35/40            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-08*/-08C* | 25.3/29.2   | 36/41            | 40/45            | -----       | -----            | -----            |
|                   |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 47/54            | 50/60            | -----       | -----            | -----            |

See Notes on Page 16.

**AIR HANDLER ELECTRICAL DATA — ARUF WITH HKR ELECTRIC HEAT (CONT.)**

| AIR HANDLER MODEL                            | MOTOR |     | VOLTS-HERTZ-PHASE | HEATER KIT    | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  |
|--|-------|-----|-------------------|---------------|-------------|------------------|------------------|-------------|------------------|------------------|
|  | AMP+  | HP  |                   |               | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> |
| ARUF374316CA                                 | 3.39  | 1/2 | 208/240-60-1      | HKR-15C*      | 34.3/39.6   | 47/54            | 50/60            | 17.2/19.8   | 21/25            | 25/25            |
|  |       |     |                   | HKR-20C*      | 34.3/39.6   | 47/54            | 50/60            | 34.3/39.6   | 43/49            | 45/50            |
|  |       |     |                   | HKR-21C*      | 37.9/43.8   | 52/59            | 60/60            | 37.9/43.8   | 47/55            | 50/60            |
|  |       |     |                   | ^HKR3-15*     | 0/0         | 4.2/4.2          | 15/15            | 31.3/36.1   | 39/45            | 40/50            |
|  |       |     |                   | ^HKR3-20*     | 0/0         | 4.2/4.2          | 15/15            | 40.7/46.9   | 51/59            | 60/60            |
| ARUF486016AA<br>ARUF486016AB<br>ARUF486016BA | 4.3   | 3/4 | 208/240-60-1      | -----         | 0/0         | 5.4/5.4          | 15/15            | -----       | -----            | -----            |
|  |       |     |                   | HKR-03*       | 10.8/12.5   | 19/21            | 20/20            | -----       | -----            | -----            |
|  |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 27/30            | 30/30            | -----       | -----            | -----            |
|  |       |     |                   | HKR-06*       | 21.6/25.0   | 32/37            | 40/40            | -----       | -----            | -----            |
|  |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 37/39            | 40/40            | -----       | -----            | -----            |
|  |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 48/55            | 60/60            | -----       | -----            | -----            |
|  |       |     |                   | HKR-15C*      | 34.3/39.6   | 48/55            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
|  |       |     |                   | HKR-20C*      | 34.3/39.6   | 48/55            | 60/60            | 34.3/39.6   | 43/49            | 60/60            |
|  |       |     |                   | HKR-21C*      | 37.9/43.8   | 53/59            | 60/60            | 37.9/43.8   | 48/55            | 60/60            |
|  |       |     |                   | ^HKR3-15*     | 0/0         | 5.4/5.4          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
|  |       |     |                   | ^HKR3-20*     | 0/0         | 5.4/5.4          | 15/15            | 40.6/46.9   | 51/59            | 60/60            |
| ARUF486016CA                                 | 4.06  | 3/4 | 208/240-60-1      | -----         | 0/0         | 5.1/5.1          | 15/15            | -----       | -----            | -----            |
|  |       |     |                   | HKR-03*       | 10.8/12.5   | 19/21            | 20/25            | -----       | -----            | -----            |
|  |       |     |                   | HKR-05*/-05C* | 17.2/19.8   | 27/30            | 30/30            | -----       | -----            | -----            |
|  |       |     |                   | HKR-06*       | 21.7/25     | 32/36            | 35/40            | -----       | -----            | -----            |
|  |       |     |                   | HKR-08*/-08C* | 25.3/29.2   | 37/42            | 40/45            | -----       | -----            | -----            |
|  |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 48/55            | 50/60            | -----       | -----            | -----            |
|  |       |     |                   | HKR-15C*      | 34.3/39.6   | 48/55            | 50/60            | 17.2/19.8   | 21/25            | 25/25            |
|  |       |     |                   | HKR-20C*      | 34.3/39.6   | 48/55            | 50/60            | 34.3/39.6   | 43/49            | 45/50            |
|  |       |     |                   | HKR-21C*      | 37.9/43.8   | 52/60            | 60/60            | 37.9/43.8   | 47/55            | 50/60            |
|  |       |     |                   | ^HKR3-15*     | 0/0         | 5.1/5.1          | 15/15            | 31.3/36.1   | 39/45            | 40/50            |
|  |       |     |                   | ^HKR3-20*     | 0/0         | 5.1/5.1          | 15/15            | 40.7/46.9   | 51/59            | 60/60            |
| ARUF496116AA                                 | 4.3   | 3/4 | 208/240-60-1      | -----         | 0/0         | 5.4/5.4          | 15/15            | -----       | -----            | -----            |
|  |       |     |                   | HKR-03*       | 10.8/12.5   | 19/21            | 20/20            | -----       | -----            | -----            |
|  |       |     |                   | HKR-05*/-05C* | 17.1/19.8   | 27/30            | 30/30            | -----       | -----            | -----            |
|  |       |     |                   | HKR-06*       | 21.6/25.0   | 32/37            | 40/40            | -----       | -----            | -----            |
|  |       |     |                   | HKR-08*/-08C* | 25.2/29.1   | 37/39            | 40/40            | -----       | -----            | -----            |
|  |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 48/55            | 60/60            | -----       | -----            | -----            |
|  |       |     |                   | HKR-15C*      | 34.3/39.6   | 48/55            | 60/60            | 17.1/19.8   | 22/25            | 30/30            |
|  |       |     |                   | HKR-20C*      | 34.3/39.6   | 48/55            | 60/60            | 34.3/39.6   | 43/49            | 60/60            |
|  |       |     |                   | HKR-21C*      | 37.9/43.8   | 53/59            | 60/60            | 37.9/43.8   | 48/55            | 60/60            |
|  |       |     |                   | HKR3-15*      | 0/0         | 5.4/5.4          | 15/15            | 31.2/36.1   | 39/45            | 60/60            |
|  |       |     |                   | HKR3-20*      | 0/0         | 5.4/5.4          | 15/15            | 40.6/46.9   | 51/59            | 60/60            |
| ARUF496116CA                                 | 4.06  | 3/4 | 208/240-60-1      | -----         | 0/0         | 5.1/5.1          | 15/15            | -----       | -----            | -----            |
|  |       |     |                   | HKR-03*       | 10.8/12.5   | 19/21            | 20/25            | -----       | -----            | -----            |
|  |       |     |                   | HKR-05*/-05C* | 17.2/19.8   | 27/30            | 30/30            | -----       | -----            | -----            |
|  |       |     |                   | HKR-06*       | 21.7/25.0   | 32/36            | 35/40            | -----       | -----            | -----            |
|  |       |     |                   | HKR-08*/-08C* | 25.3/29.2   | 37/42            | 40/45            | -----       | -----            | -----            |
|  |       |     |                   | HKR-10*/-10C* | 34.3/39.6   | 48/55            | 50/60            | -----       | -----            | -----            |
|  |       |     |                   | HKR-15C*      | 34.3/39.6   | 48/55            | 50/60            | 17.2/19.8   | 21/25            | 25/25            |
|  |       |     |                   | HKR-20C*      | 34.3/39.6   | 48/55            | 50/60            | 34.3/39.6   | 43/49            | 45/50            |
|  |       |     |                   | HKR-21C*      | 37.9/43.8   | 52/60            | 60/60            | 37.9/43.8   | 47/55            | 50/60            |
|  |       |     |                   | ^HKR3-15*     | 0/0         | 5.1/5.1          | 15/15            | 31.3/36.1   | 39/45            | 40/50            |
|  |       |     |                   | ^HKR3-20*     | 0/0         | 5.1/5.1          | 15/15            | 40.7/46.9   | 51/59            | 60/60            |

See Notes on the following page.

# AIR HANDLER ELECTRICAL DATA — ASUF

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>ASUF29B14</b>          | 0 / 0       | 3 / 3            | 15 / 15          | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8 / 12.5 | 16 / 18          | 20 / 20          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 24 / 28          | 25 / 30          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.7 / 25.0 | 30 / 34          | 30 / 35          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 28.9 / 33.3 | 39 / 44          | 40 / 45          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 46 / 53          | 50 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 46 / 53          | 50 / 60          | 17.3 / 20   | 22 / 25          | 25 / 25          | 68 / 78          | 70 / 80          |
| <b>ASUF39C14</b>          | 0 / 0       | 4 / 4            | 15 / 15          | ---         | ---              | ---              | --               | --               |
| HKS*03XC*                 | 10.8 / 12.5 | 17 / 20          | 20 / 20          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 26 / 29          | 30 / 30          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.7 / 25.0 | 31 / 35          | 35 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 28.9 / 33.3 | 40 / 46          | 45 / 50          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 47 / 54          | 50 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 47 / 54          | 50 / 60          | 17.3 / 20   | 22 / 25          | 25 / 25          | 69 / 79          | 70 / 80          |
| HKSC19*##                 | 34.3 / 40.0 | 47 / 54          | 50 / 60          | 34.7 / 40   | 43 / 50          | 45 / 50          | 91 / 104         | 100 / 110        |
| HKSC15XF*                 | 0/0         | 4 / 4            | 15/15            | 30/34.6     | 38/43            | 40/45            | --               | --               |
| HKSC20XF*                 | 0/0         | 4 / 4            | 15/15            | 37/43       | 46/54            | 50/60            | --               | --               |
| <b>ASUF49C14</b>          | 0 / 0       | 7 / 7            | 15 / 15          | ---         | ---              | ---              | --               | --               |
| HKS*03XC*                 | 10.8 / 12.5 | 20 / 22          | 20 / 25          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 28 / 32          | 30 / 35          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.7 / 25.0 | 34 / 38          | 35 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 28.9 / 33.3 | 43 / 48          | 45 / 50          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 50 / 57          | 60 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 50 / 57          | 60 / 60          | 17.3 / 20   | 22 / 25          | 25 / 25          | 72 / 82          | 80 / 90          |
| HKSC19C##                 | 34.3 / 40.0 | 50 / 57          | 60 / 60          | 34.7 / 40   | 43 / 50          | 45 / 50          | 93 / 107         | 100 / 110        |
| HKSC15XF*                 | 0/0         | 7 / 7            | 15/15            | 30/34.6     | 38/43            | 40/50            | --               | --               |
| HKSC20XF*                 | 0/0         | 7 / 7            | 15/15            | 37/43       | 46/54            | 50/60            | --               | --               |
| <b>ASUF59D14</b>          | 0 / 0       | 8 / 8            | 15 / 15          | ---         | ---              | ---              | --               | --               |
| HKS*03XC*                 | 10.8 / 12.5 | 22 / 24          | 25 / 25          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 30 / 33          | 30 / 35          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.7 / 25.0 | 35 / 40          | 40 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 28.9 / 33.3 | 44 / 50          | 45 / 50          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 52 / 58          | 60 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 52 / 58          | 60 / 60          | 17.3 / 20   | 22 / 25          | 25 / 25          | 73 / 83          | 80 / 90          |
| HKSC20D##                 | 34.3 / 39.6 | 52 / 58          | 60 / 60          | 34.7 / 40   | 43 / 50          | 45 / 50          | 95 / 108         | 100 / 110        |
| HKSC15XF*                 | 0/0         | 8 / 8            | 15/15            | 30/34.6     | 38 / 43          | 40 / 50          | --               | --               |
| HKSC20XF*                 | 0/0         | 8 / 8            | 15/15            | 37/43       | 46 / 54          | 50 / 60          | --               | --               |
| HKSC25DC*                 | 34.7 40     | 52 / 58          | 60 / 60          | 52 / 60     | 69 / 75          | 70 / 80          | 117 / 133        | 125 / 150        |

<sup>1</sup> Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

<sup>2</sup> Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

<sup>^</sup> Circuit 1: Single-phase for Air Handlers Circuit 2: Three-phase for HKR3 Heater Kits

\* Revision level that may or may not be designated

C = Circuit Breaker Option

--- indicates Not Required

**AIR HANDLER ELECTRICAL DATA — ASPT**

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>ASPT24B14</b>          | 0 / 0       | 3.1 / 3.1        | 15 / 15          | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8 / 12.5 | 17 / 19          | 20 / 20          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 25 / 28          | 30 / 30          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.6 / 25.0 | 30 / 34          | 35 / 35          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 25.3 / 33.3 | 39 / 45          | 40 / 45          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 46 / 53          | 50 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 46 / 53          | 50 / 60          | 17.2 / 19.8 | 22 / 25          | 25 / 25          | 68 / 78          | 70 / 80          |
| <b>ASPT30C14</b>          | 0 / 0       | 3.9 / 3.9        | 15 / 15          | ---         | ---              | ---              | ---              | ---              |
| HKS*03XC*                 | 10.8 / 12.5 | 17 / 20          | 20 / 20          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 26 / 29          | 30 / 30          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.6 / 25.0 | 31 / 35          | 35 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 25.3 / 33.3 | 40 / 46          | 40 / 50          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 47 / 54          | 50 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 47 / 54          | 50 / 60          | 17.2 / 19.8 | 22 / 25          | 25 / 25          | 69 / 79          | 70 / 80          |
| <b>ASPT36C14</b>          | 0 / 0       | 3.9 / 3.9        | 15 / 15          | ---         | ---              | ---              | --               | --               |
| HKS*03XC*                 | 10.8 / 12.5 | 17 / 20          | 20 / 20          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 26 / 29          | 30 / 30          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.6 / 25.0 | 31 / 35          | 40 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 25.3 / 33.3 | 40 / 46          | 40 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 47 / 54          | 60 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 47 / 54          | 60 / 60          | 17.2 / 19.8 | 22 / 25          | 25 / 25          | 69 / 79          | 70 / 80          |
| HKSC19*##                 | 34.3 / 39.6 | 47 / 54          | 60 / 60          | 34.3 / 39.6 | 43 / 50          | 45 / 50          | 91 / 104         | 100 / 110        |
| HKSC15XF*                 | 0/0         | 3.9 / 3.9        | 15/15            | 30/34.6     | 38/44            | 40/50            | --               | --               |
| HKSC20XF*                 | 0/0         | 3.9 / 3.9        | 15/15            | 37/43       | 47/54            | 50/60            | --               | --               |
| <b>ASPT42D14</b>          | 0 / 0       | 6.1 / 6.1        | 15 / 15          | ---         | ---              | ---              | --               | --               |
| HKS*03XC*                 | 10.8 / 12.5 | 20 / 22          | 20 / 25          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 28 / 31          | 30 / 35          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.6 / 25.0 | 33 / 37          | 35 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 25.3 / 33.3 | 42 / 48          | 45 / 50          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 49 / 56          | 50 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 49 / 56          | 50 / 60          | 17.2 / 19.8 | 22 / 25          | 25 / 25          | 71 / 81          | 80 / 90          |
| HKSC20*##                 | 34.3 / 39.6 | 49 / 56          | 50 / 60          | 34.3 / 39.6 | 43 / 50          | 45 / 50          | 93 / 106         | 100 / 110        |
| HKSC15XF*                 | 0/0         | 6.1 / 6.1        | 15/15            | 30/34.6     | 38/44            | 40/50            | --               | --               |
| HKSC20XF*                 | 0/0         | 6.1 / 6.1        | 15/15            | 37/43       | 47/54            | 50/60            | --               | --               |

<sup>1</sup> Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25  
<sup>2</sup> Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps  
<sup>^</sup> Circuit 1: Single-phase for Air Handlers    Circuit 2: Three-phase for HKR3 Heater Kits  
\* Revision level that may or may not be designated  
C = Circuit Breaker Option  
--- indicates Not Required

## AIR HANDLER ELECTRICAL DATA — ASPT (CONT.)

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>ASPT48D14</b>          | 0 / 0       | 8.3 / 8.3        | 15 / 15          | ---         | ---              | ---              | --               | --               |
| HKS*03XC*                 | 10.8 / 12.5 | 22 / 24          | 25 / 25          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 30 / 33          | 30 / 35          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.6 / 25.0 | 35 / 40          | 40 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 25.3 / 33.3 | 44 / 50          | 45 / 50          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 52 / 58          | 60 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 52 / 58          | 60 / 60          | 17.2 / 19.8 | 22 / 25          | 25 / 25          | 73 / 83          | 80 / 90          |
| HKSC20*##                 | 34.3 / 39.6 | 52 / 58          | 60 / 60          | 34.3 / 39.6 | 43 / 50          | 45 / 50          | 95 / 108         | 100 / 110        |
| HKSC15XF*                 | 0/0         | 8.3 / 8.3        | 15/15            | 30/34.6     | 38/44            | 40/50            | --               | --               |
| HKSC20XF*                 | 0/0         | 8.3 / 8.3        | 15/15            | 37/43       | 47/54            | 50/60            | --               | --               |
| HKSC25*##                 | 52 / 60     | 73 / 83          | 80 / 90          | 34.7 / 40   | 43 / 50          | 45 / 50          | 117 / 133        | 125 / 150        |
| <b>ASPT60D14</b>          | 0 / 0       | 8.3 / 8.3        | 15 / 15          | ---         | ---              | ---              | --               | --               |
| HKS*03XC*                 | 10.8 / 12.5 | 22 / 24          | 25 / 25          | ---         | ---              | ---              | --               | --               |
| HKS*05XC*                 | 17.3 / 20.0 | 30 / 33          | 30 / 35          | ---         | ---              | ---              | --               | --               |
| HKS*06XC*                 | 21.6 / 25.0 | 35 / 40          | 40 / 40          | ---         | ---              | ---              | --               | --               |
| HKS*08XC*                 | 25.3 / 33.3 | 44 / 50          | 45 / 50          | ---         | ---              | ---              | --               | --               |
| HKS*10XC*                 | 34.7 / 40.0 | 52 / 58          | 60 / 60          | ---         | ---              | ---              | --               | --               |
| HKSC15*##                 | 34.7 / 40.0 | 52 / 58          | 60 / 60          | 17.2 / 19.8 | 22 / 25          | 25 / 25          | 73 / 83          | 80 / 90          |
| HKSC20*##                 | 34.3 / 39.6 | 52 / 58          | 60 / 60          | 34.3 / 39.6 | 43 / 50          | 45 / 50          | 95 / 108         | 100 / 110        |
| HKSC15XF*                 | 0/0         | 8.3 / 8.3        | 15/15            | 30/34.6     | 38/44            | 40/50            | --               | --               |
| HKSC20XF*                 | 0/0         | 8.3 / 8.3        | 15/15            | 37/43       | 47/54            | 50/60            | --               | --               |
| HKSC25*##                 | 52 / 60     | 73 / 83          | 80 / 90          | 34.7 / 40   | 43 / 50          | 45 / 50          | 117 / 133        | 125 / 150        |

<sup>1</sup> Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

<sup>2</sup> Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

<sup>^</sup> Circuit 1: Single-phase for Air Handlers Circuit 2: Three-phase for HKR3 Heater Kits

\* Revision level that may or may not be designated

C = Circuit Breaker Option

--- indicates Not Required

## AIR HANDLER ELECTRICAL DATA — MBVC

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2   |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>MBVC1200AA-1A*</b>     | 0 / 0       | 4.3 / 4.3        | 15 / 15          | ---         | ---              | ---              | ---              | ---              |
| HKR-03*                   | 10.8 / 12.5 | 17.8 / 19.9      | 20 / 20          | ---         | ---              | ---              | ---              | ---              |
| HKR-05* / 05C*            | 17.2 / 19.8 | 25.7 / 29.0      | 30 / 30          | ---         | ---              | ---              | ---              | ---              |
| HKR-06*                   | 21.7 / 25.0 | 31.3 / 35.5      | 35 / 40          | ---         | ---              | ---              | ---              | ---              |
| HKR-08* / -08C*           | 25.3 / 29.2 | 35.8 / 40.7      | 40 / 45          | ---         | ---              | ---              | ---              | ---              |
| HKR-10* / -10C*           | 34.3 / 39.6 | 47.1 / 53.7      | 50 / 60          | ---         | ---              | ---              | ---              | ---              |
| HKA-15C*                  | 34.3 / 39.6 | 47.1 / 53.7      | 50 / 60          | 17.2 / 19.8 | 21.4 / 24.7      | 25 / 25          | 69/79            | 70 / 80          |
| <b>MBVC1600AA-1A*</b>     | 0 / 0       | 6.3 / 6.3        | 15 / 15          | ---         | ---              | ---              | ---              | ---              |
| HKR-03*                   | 10.8 / 12.5 | 19.8 / 21.9      | 20 / 25          | ---         | ---              | ---              | ---              | ---              |
| HKR-05* / 05C*            | 17.2 / 19.8 | 27.7 / 31.0      | 30 / 35          | ---         | ---              | ---              | ---              | ---              |
| HKR-06*                   | 21.7 / 25.0 | 33.3 / 37.5      | 35 / 40          | ---         | ---              | ---              | ---              | ---              |
| HKR-08* / -08C*           | 25.3 / 29.2 | 37.8 / 42.7      | 40 / 45          | ---         | ---              | ---              | ---              | ---              |
| HKR-10* / -10C*           | 34.3 / 39.6 | 49.1 / 55.7      | 50 / 60          | ---         | ---              | ---              | ---              | ---              |
| HKA-15C*                  | 34.3 / 39.6 | 49.1 / 55.7      | 50 / 60          | 17.2 / 19.8 | 21.4 / 24.7      | 25 / 25          | 71/81            | 80 / 90          |
| <b>MBVC2000AA-1A*</b>     | 0 / 0       | 5.8 / 5.8        | 15 / 15          | ---         | ---              | ---              | ---              | ---              |
| HKR-03*                   | 10.8 / 12.5 | 19.3 / 21.4      | 20 / 25          | ---         | ---              | ---              | ---              | ---              |
| HKR-05* / 05C*            | 17.2 / 19.8 | 27.2 / 30.5      | 30 / 35          | ---         | ---              | ---              | ---              | ---              |
| HKR-06*                   | 21.7 / 25.0 | 32.8 / 37.0      | 35 / 40          | ---         | ---              | ---              | ---              | ---              |
| HKR-08* / -08C*           | 25.3 / 29.2 | 37.3 / 42.2      | 40 / 45          | ---         | ---              | ---              | ---              | ---              |
| HKR-10* / -10C*           | 34.3 / 39.6 | 48.6 / 55.2      | 50 / 60          | ---         | ---              | ---              | ---              | ---              |
| HKA-15C*                  | 34.3 / 39.6 | 48.6 / 55.2      | 50 / 60          | 17.2 / 19.8 | 21.4 / 24.7      | 25 / 25          | 70/80            | 80 / 90          |
| HKA-20C*                  | 34.3 / 39.6 | 48.6 / 55.2      | 50 / 60          | 34.3 / 39.6 | 42.9 / 49.5      | 45 / 50          | 92/105           | 100 / 110        |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C = Circuit Breaker Option      CA is for 208V and CB is for 240V

^ Heat Kit requires three-phase power supply

--- indicates Not Required

Note: All HKR ampacities noted above include air handler motor amps, excluding three-phase models.



## AIR HANDLER ELECTRICAL DATA — MBR

| MODEL &<br>HEAT KIT USAGE | CIRCUIT 1   |                  |                  | CIRCUIT 2    |                  |                  | SINGLE-POINT KIT |                  |
|---------------------------|-------------|------------------|------------------|--------------|------------------|------------------|------------------|------------------|
|                           | HEATER AMPS | MCA <sup>1</sup> | MOP <sup>2</sup> | HEATER AMPS  | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |
| <b>MBR0800AA-1 **</b>     | 0 / 0       | 1.9 / 1.9        | 15 / 15          | ---          | ---              | ---              | ---              | ---              |
| HKR-03*                   | 10.8 / 12.5 | 15 / 17          | 20 / 20          | ---          | ---              | ---              | ---              | ---              |
| HKR-05* / 05C*            | 17.1 / 19.8 | 23 / 26          | 30 / 30          | ---          | ---              | ---              | ---              | ---              |
| HKR-06*                   | 21.6 / 25.0 | 29 / 33          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-08* / -08C*           | 25.3 / 29.2 | 33 / 38          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-10* / -10C*           | 34.3 / 39.6 | 44 / 51          | 60 / 60          | ---          | ---              | ---              | ---              | ---              |
| <b>MBR1200AA-1 **</b>     | 0 / 0       | 3.0 / 3.0        | 15 / 15          | ---          | ---              | ---              | ---              | ---              |
| HKR-03*                   | 10.8 / 12.5 | 16 / 18          | 20 / 20          | ---          | ---              | ---              | ---              | ---              |
| HKR-05* / 05C*            | 17.1 / 19.8 | 24 / 27          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-06*                   | 21.6 / 25.0 | 29 / 34          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-08* / -08C*           | 25.3 / 29.2 | 34 / 39          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-10* / -10C*           | 34.3 / 39.6 | 45 / 52          | 60 / 60          | ---          | ---              | ---              | ---              | ---              |
| HKA-15C*                  | 34.3 / 39.6 | 45 / 52          | 60 / 60          | 17.2 / 19.8  | 22 / 25          | 30 / 30          | 67/77            | 70 / 80          |
| HKA-20C*                  | 34.3 / 39.6 | 45 / 52          | 60 / 60          | 34.3 / 39.6  | 43 / 50          | 60 / 60          | 89/102           | 90 / 110         |
| ^HKR3-15*                 | 0 / 0       | 3.0 / 3.0        | 15 / 15          | 31.2 / 36.1  | 39 / 45          | 60 / 60          | ---              | ---              |
| ^HKR3-20*                 | 0 / 0       | 3.0 / 3.0        | 15 / 15          | 40.6 / 46.9  | 51 / 59          | 60 / 60          | ---              | ---              |
| <b>MBR1600AA-1 **</b>     | 0 / 0       | 3.8 / 3.8        | 15 / 15          | ---          | ---              | ---              | ---              | ---              |
| HKR-03*                   | 10.8 / 12.5 | 17 / 19          | 20 / 20          | ---          | ---              | ---              | ---              | ---              |
| HKR-05* / 05C*            | 17.1 / 19.8 | 24 / 28          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-06*                   | 21.6 / 25.0 | 30 / 34          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-08* / -08C*           | 25.3 / 29.2 | 35 / 39          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-10* / -10C*           | 34.3 / 39.6 | 46 / 53          | 60 / 60          | ---          | ---              | ---              | ---              | ---              |
| HKA-15C*                  | 34.3 / 39.6 | 46 / 53          | 60 / 60          | 17.2 / 19.8  | 22 / 25          | 30 / 30          | 68/78            | 70 / 80          |
| HKA-20C*                  | 34.3 / 39.6 | 46 / 53          | 60 / 60          | 34.3 / 39.6  | 43 / 50          | 60 / 60          | 90/103           | 90 / 110         |
| ^HKR3-15*                 | 0 / 0       | 3.8 / 3.8        | 15 / 15          | 31.26 / 36.1 | 39 / 45          | 60 / 60          | ---              | ---              |
| ^HKR3-20*                 | 0 / 0       | 3.8 / 3.8        | 15 / 15          | 40.6 / 46.9  | 51 / 59          | 60 / 60          | ---              | ---              |
| <b>MBR2000AA-1 **</b>     | 0 / 0       | 4.9 / 4.9        | 15 / 15          | ---          | ---              | ---              | ---              | ---              |
| HKR-03*                   | 10.8 / 12.5 | 17 / 20          | 20 / 20          | ---          | ---              | ---              | ---              | ---              |
| HKR-05* / 05C*            | 17.1 / 19.8 | 25 / 29          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-06*                   | 21.6 / 25.0 | 31 / 35          | 40 / 40          | ---          | ---              | ---              | ---              | ---              |
| HKR-08* / -08C*           | 25.3 / 29.2 | 36 / 40          | 60 / 60          | ---          | ---              | ---              | ---              | ---              |
| HKR-10* / -10C*           | 34.3 / 39.6 | 47 / 53          | 60 / 60          | ---          | ---              | ---              | ---              | ---              |
| HKA-15C*                  | 34.3 / 39.6 | 47 / 53          | 60 / 60          | 17.2 / 19.8  | 22 / 25          | 30 / 30          | 69/79            | 70 / 80          |
| HKA-20C*                  | 34.3 / 39.6 | 47 / 53          | 60 / 60          | 34.3 / 39.6  | 43 / 50          | 60 / 60          | 91/104           | 100 / 110        |
| ^HKR3-15*                 | 0 / 0       | 4.9 / 4.9        | 15 / 15          | 31.2 / 36.1  | 39 / 45          | 60 / 60          | ---              | ---              |
| ^HKR3-20*                 | 0 / 0       | 4.9 / 4.9        | 15 / 15          | 40.6 / 46.9  | 51 / 59          | 60 / 60          | ---              | ---              |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C = Circuit Breaker Option      CA is for 208V and CB is for 240V

^ Heat Kit requires three-phase power supply

--- indicates Not Required

Note: All HKR ampacities noted above include air handler motor amps, excluding three-phase models.

**ELECTRICAL DATA FOR GPC15M PACKAGED UNITS (BLOWER ONLY, HEAT MODE)**

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | ACTUAL KW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>GPC1524M41</b>        | 2.4              | ---              | ---              | ---              | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 7.00 / 23,800         |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 9.50 / 32,400         |
| <b>GPC1530M41</b>        | 2.4              | ---              | ---              | ---              | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 14.25 / 48,600        |
| <b>GPC1536M41</b>        | 2.4              | ---              | ---              | ---              | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 7.00 / 23,800         |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 9.50 / 32,400         |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 14.25 / 48,600        |
| <b>GPC1542M41</b>        | 3.6              | ---              | ---              | ---              | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 14.25 / 48,600        |
| <b>GPC1548M41</b>        | 3.6              | ---              | ---              | ---              | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 7.00 / 23,800         |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 9.50 / 32,400         |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 19.0 / 64,800         |

**ELECTRICAL DATA FOR GPC13M PACKAGED UNITS (BLOWER ONLY, HEAT MODE)**

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | SINGLE-POINT KIT |                  | ACTUAL KW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>GPC1336M41**</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 25               | 40               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 39          | 40 / 40          | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 45 / 52          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 66 / 76          | 70 / 80          | 14.25 / 48,600        |
| <b>GPC1348M41**</b>      | 7.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 32               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 38 / 40          | 50               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 49 / 56          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 70 / 80          | 80 / 90          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 92 / 105         | 100 / 110        | 19.0 / 64,800         |
| <b>GPC1360M41**</b>      | 9.5              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 42               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 42               | 60               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 51 / 58          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 72 / 82          | 80 / 90          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 93 / 107         | 100 / 110        | 19.0 / 64,800         |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C Circuit breaker option

^ Heat Kit requires three-phase power supply

**NOTE:** HKP-15C\* and HKP-20C\* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

## ELECTRICAL DATA FOR GPC14H PACKAGED UNITS (BLOWER ONLY, HEAT MODE)

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | SINGLE-POINT KIT |                  | ACTUAL kW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>GPC1424H41**</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 24 / 27          | 30 / 30          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 33 / 38          | 40 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 45 / 51          | 60 / 60          | 9.5 / 32,400          |
| <b>GPC1430H41**</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 24 / 27          | 30 / 30          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 39          | 40 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 45 / 52          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 67 / 77          | 70 / 80          | 14.25 / 48,600        |
| <b>GPC1436H41**</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 24 / 27          | 40 / 40          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 39          | 40 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 45 / 52          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 67 / 77          | 70 / 80          | 14.25 / 48,600        |
| <b>GPC1442H41**</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 27               | 40 / 40          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 39          | 40 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 46 / 52          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 68 / 78          | 70 / 80          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 90 / 103         | 90 / 110         | 19.0 / 64,800         |
| <b>GPC1448H41**</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 29               | 45               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 40          | 45               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 46 / 53          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 68 / 78          | 70 / 80          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 90 / 103         | 90 / 110         | 19.0 / 64,800         |
| <b>GPC1460H41**</b>      | 7.5              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 37.3             | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 37/40            | 60               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 48 / 54          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 70 / 80          | 80 / 90          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 92 / 105         | 100 / 110        | 19.0 / 64,800         |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C Circuit breaker option

^ Heat Kit requires three-phase power supply

**NOTE:** HKP-15C\* and HKP-20C\* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

**ELECTRICAL DATA FOR GPC13H PACKAGED UNITS (BLOWER ONLY, HEAT MODE)**

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | SINGLE-POINT KIT |                  | ACTUAL KW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>GPC1324H41**</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 24 / 27          | 25 / 30          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 33 / 38          | 35 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 45 / 51          | 50 / 60          | 9.5 / 32,400          |
| <b>GPC1330H41**</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 24 / 27          | 30 / 30          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 39          | 40 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 45 / 52          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 67 / 77          | 70 / 80          | 14.25 / 48,600        |
| <b>GPC1336H41**</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 24 / 27          | 40 / 40          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 39          | 40 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 45 / 52          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 67 / 77          | 70 / 80          | 14.25 / 48,600        |
| <b>GPC1342H41**</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 27               | 40 / 40          | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 39          | 40 / 40          | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 46 / 52          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 68 / 78          | 70 / 80          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 90 / 103         | 90 / 110         | 19.0 / 64,800         |
| <b>GPC1349H41**</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 29               | 45               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 34 / 40          | 45               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 46 / 53          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C                  | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 68 / 78          | 70 / 80          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 90 / 103         | 90 / 110         | 19.0 / 64,800         |
| <b>GPC1360H41**</b>      | 7.5              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 40               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 40               | 60               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 48 / 54          | 60 / 60          | 9.5 / 32,400          |
| HKP-15C                  | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 70 / 80          | 80 / 90          | 14.25 / 48,600        |
| HKP-20C                  | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 92 / 105         | 100 / 110        | 19.0 / 64,800         |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C Circuit breaker option

^ Heat Kit requires three-phase power supply

**NOTE:** HKP-15C\* and HKP-20C\* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

## ELECTRICAL DATA FOR GPH15M PACKAGED UNITS (BLOWER ONLY, HEAT MODE)

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | SINGLE-POINT KIT |                  | ACTUAL kW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>APH1524M41A*</b>      | 5.4              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 46               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 58               | 60               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 71               | 80               | 9.5 / 32,400          |
| <b>APH1530M41A*</b>      | 5.4              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 48               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 60               | 60               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 73               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 97               | 100              | 14.25 / 48,600        |
| <b>APH1536M41A*</b>      | 5.4              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 51               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 63               | 70               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 76               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 101              | 110              | 14.25 / 48,600        |
| <b>APH1543M41A*</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 51               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 63               | 70               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 76               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 101              | 110              | 14.25 / 48,600        |
| <b>APH1549M41A*</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 56               | 70               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 67               | 80               | 7.00 / 23,800         |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 80               | 90               | 9.50 / 32,400         |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 105              | 110              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 132              | 150              | 19.0 / 64,800         |
| <b>APH1560M41A*</b>      | 8.8              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 67               | 80               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 79               | 90               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 92               | 100              | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 116              | 125              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 144              | 150              | 19.0 / 64,800         |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C Circuit breaker option

^ Heat Kit requires three-phase power supply

**NOTE:** HKP-15C\* and HKP-20C\* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

**ELECTRICAL DATA FOR GPH14H PACKAGED UNITS (BLOWER ONLY, HEAT MODE)**

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | SINGLE-POINT KIT |                  | ACTUAL kW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>GPH1424H41A*</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 43               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 55               | 60               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 68               | 70               | 9.5 / 32,400          |
| <b>GPH1430H41A*</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 45               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 57               | 60               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 70               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 95               | 100              | 14.25 / 48,600        |
| <b>GPH1436H41A*</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 49               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 61               | 70               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 74               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 98               | 100              | 14.25 / 48,600        |
| <b>GPH1442H41A*</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 51               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 63               | 70               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 76               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 101              | 110              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 128              | 150              | 19.0 / 64,800         |
| <b>GPH1348H41A*</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 54               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 66               | 70               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 79               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 103              | 110              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 131              | 150              | 19.0 / 64,800         |
| <b>GPH1460H41A*</b>      | 7.5              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 62               | 80               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 74               | 90               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 87               | 100              | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 112              | 125              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 139              | 150              | 19.0 / 64,800         |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C Circuit breaker option

^ Heat Kit requires three-phase power supply

**NOTE:** HKP-15C\* and HKP-20C\* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

## ELECTRICAL DATA FOR GPH13M PACKAGED UNITS (BLOWER ONLY, HEAT MODE)

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | SINGLE-POINT KIT |                  | ACTUAL kW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>GPH1324M41**</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 44               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 55               | 60               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 68               | 70               | 9.5 / 32,400          |
| <b>GPH1330M41**</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 48               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 59               | 60               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 72               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 97               | 100              | 14.25 / 48,600        |
| <b>GPH1336M41**</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 50               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 62               | 70               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 75               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 100              | 100              | 14.25 / 48,600        |
| <b>GPH1342M41**</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 52               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 63               | 70               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 76               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 101              | 110              | 14.25 / 48,600        |
| <b>GPH1348M41**</b>      | 7.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 59               | 70               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 71               | 80               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 84               | 90               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 109              | 110              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 136              | 150              | 19.0 / 64,800         |
| <b>GPH1360M41**</b>      | 9.5              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 67               | 80               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 78               | 90               | 7.0 / 23,800          |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 91               | 100              | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 116              | 125              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 144              | 150              | 19.0 / 64,800         |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C Circuit breaker option

^ Heat Kit requires three-phase power supply

**NOTE:** HKP-15C\* and HKP-20C\* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

**ELECTRICAL DATA FOR GPH13H PACKAGED UNITS (BLOWER ONLY, HEAT MODE)**

| MODEL AND HEAT KIT USAGE | CIRCUIT #1       |                  | CIRCUIT #2       |                  | SINGLE-POINT KIT |                  | ACTUAL kW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
|                          | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> | MCA <sup>1</sup> | MOP <sup>2</sup> |                       |
| <b>GPH1324H41**</b>      | 1.9              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 43               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 55               | 60               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 68               | 70               | 9.5 / 32,400          |
| <b>GPH1330H41**</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | --               | --               | 45               | 50               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | --               | --               | 57               | 60               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | --               | --               | 70               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 95               | 100              | 14.25 / 48,600        |
| <b>GPH1336H41**</b>      | 2.3              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 49               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 61               | 70               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 74               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 98               | 100              | 14.25 / 48,600        |
| <b>GPH1342H41**</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | --               | --               | 51               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | --               | --               | 63               | 70               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | --               | --               | 76               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 101              | 110              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 128              | 150              | 19.0 / 64,800         |
| <b>GPH1348H41**</b>      | 3.6              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 54               | 60               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 66               | 70               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 79               | 80               | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 103              | 110              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 131              | 150              | 19.0 / 64,800         |
| <b>GPH1360H41**</b>      | 7.5              | ---              | ---              | ---              | --               | --               | ---                   |
| HKR-05*, HKR-05C*        | 21 / 25          | 25 / 25          | ---              | ---              | 65               | 80               | 4.75 / 16,200         |
| HKR-08*, HKR-08C*        | 32 / 36          | 35 / 40          | ---              | ---              | 77               | 90               | 7 / 23,800            |
| HKR-10*, HKR-10C*        | 43 / 49          | 45 / 50          | ---              | ---              | 90               | 100              | 9.5 / 32,400          |
| HKP-15C*                 | 43 / 49          | 45 / 50          | 21 / 25          | 25 / 25          | 114              | 125              | 14.25 / 48,600        |
| HKP-20C*                 | 43 / 49          | 45 / 50          | 43 / 49          | 45 / 50          | 142              | 150              | 19.0 / 64,800         |

<sup>1</sup> Minimum Circuit Ampacity @ 208 / 240 V

<sup>2</sup> Maximum Overcurrent Protection Device @ 208 / 240 V

\* Revision level that may or may not be designated

C Circuit breaker option

^ Heat Kit requires three-phase power supply

**NOTE:** HKP-15C\* and HKP-20C\* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.