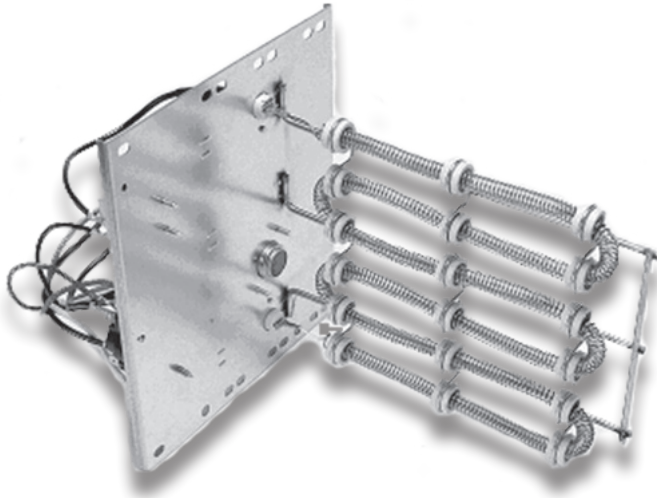




Air Conditioning & Heating

HKR / HKA / HKP / HKS

ELECTRIC HEAT KITS FOR AIR HANDLERS AND PACKAGED ELECTRIC UNITS



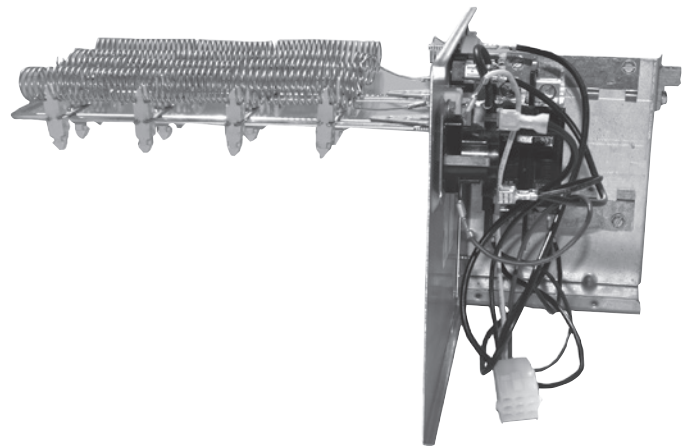
The Goodman® brand HKR electric heat kits are for use with Amana brand air handlers and modular blowers. The HKS heat kits are designed for use with packaged electric/heat pump units. These versatile heat kits are designed for easy installation in the field.

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.

NOMENCLATURE

| | | HKR | * | -05 | * | A | | | |
|-------------------------------------|---------|-----|-------------------|-----|-----|--|--|--|--|
| | | 1 | 2 | 3 | 4,5 | 11 | | | |
| Unit Type | | | | | | Revisions | | | |
| HKR Air Handlers & Packaged Units | | | | | | Engineering Revisions | | | |
| HKA Air Handlers | | | | | | | | | |
| HKP Packaged Units | | | | | | Circuit Breaker | | | |
| Phase | | | | | | None Single- or 3-Phase Kit; No Circuit Breaker | | | |
| None Single-Phase | | | | | | C Single-Phase Kit w/ Circuit Breaker | | | |
| 3 Three-Phase | | | | | | | | | |
| Heating Capacity @ 240 Volts | | | | | | | | | |
| 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 | | |
| Unit Type | | | | | | Revisions | | | |
| HKS Heat Kit for Air Handlers | | | | | | Engineering Revisions | | | |
| Phase | | | | | | Phase | | | |
| 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 | | | |
| Heating Capacity @ 240 Volts | | | | | | Cabinet Size (MAX) | | | |
| 03 | 3.0 kW | | | | | C C Cabinet | | | |
| 05 | 4.5 kW | | | | | D D Cabinet | | | |
| 06 | 6.0 kW | | | | | X All Cabinet Sizes | | | |
| 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 | | | | | | | | |

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 & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| AVPTC24B14A* | | 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 | --- | --- | --- | --- | --- |
| AVPTC30C14A* | 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 | --- | --- | --- | --- | --- |
| AVPTC36C14A* | 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 | --- | --- |
| AVPTC42D14A* | 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 | --- | --- |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| AVPTC48D14A* | 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 |
| AVPTC60D14A* | 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 | 35/40 | 43/50 | 45/50 | 117/134 | 125/150 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 — ASPT

| MODEL & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| ASPT24B14AC | 0 / 0 | 3/3 | 15 / 15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8 / 12.5 | 17 / 19 | 20 / 20 | --- | --- | --- | -- | -- |
| HKS*05XC* | 17.3 / 20.0 | 25 / 28 | 25 / 30 | --- | --- | --- | -- | -- |
| HKS*06XC* | 21.6 / 25.0 | 30 / 34 | 35 / 35 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9 / 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 |
| ASPT30C14AB | 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* | 21.7 / 25.0 | 31 / 35 | 35 / 40 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9 / 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 |
| ASPT36C14AC | 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 | 40 / 40 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9 / 33.3 | 40 / 46 | 40 / 40 | --- | --- | --- | -- | -- |
| 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 / 39.6 | 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 | 40/50 | -- | -- |
| HKSC20XF* | 0/0 | 4/4 | 15/15 | 38/43 | 47/54 | 50/60 | -- | -- |
| ASPT42D14 | 0 / 0 | 6/6 | 15 / 15 | --- | --- | --- | -- | -- |
| HKS*03XC* | 10.8 / 12.5 | 20 / 22 | 20 / 25 | --- | --- | --- | -- | -- |
| HKS*05XC* | 17.3 / 20.0 | 28 / 31 | 30 / 35 | --- | --- | --- | -- | -- |
| HKS*06XC* | 21.7 / 25.0 | 33 / 37 | 35 / 40 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9 / 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 | 17.3 / 20 | 22 / 25 | 25 / 25 | 71 / 81 | 80 / 90 |
| HKSC20*## | 34.3 / 39.6 | 49 / 56 | 50 / 60 | 34.7 / 40 | 43 / 50 | 45 / 50 | 93 / 106 | 100 / 110 |
| HKSC15XF* | 0/0 | 6/6 | 15/15 | 30/34.6 | 38/44 | 40/50 | -- | -- |
| HKSC20XF* | 0/0 | 6/6 | 15/15 | 38/43 | 47/54 | 50/60 | -- | -- |

¹ Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

² Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

^ 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 & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| ASPT48D14AD | 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 |
| HKSC20*## | 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 | 38/44 | 40/50 | -- | -- |
| HKSC20XF* | 0/0 | 8/8 | 15/15 | 38/43 | 47/54 | 50/60 | -- | -- |
| HKSC25*## | 52 / 60 | 73 / 83 | 80 / 90 | 34.7 / 40 | 43 / 50 | 45 / 50 | 117 / 133 | 125 / 150 |
| ASPT60D14AC | 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* | 21.7 / 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 |
| HKSC20*## | 34.3 / 39.6 | 52 / 58 | 60 / 60 | 34.7 / 40 | 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 | 38/43 | 47/54 | 50/60 | -- | -- |
| HKSC25*## | 52 / 60 | 73 / 83 | 80 / 90 | 34.7 / 40 | 43 / 50 | 45 / 50 | 117 / 133 | 125 / 150 |

¹ Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

² Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

^ 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 — ASUF

| MODEL & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| ASUF29B14AB | 0 / 0 | 3 / 3 | 15 / 15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8 / 12.5 | 17/19 | 20 / 20 | --- | --- | --- | -- | -- |
| HKS*05XC* | 17.3 / 20.0 | 25/28 | 25 / 30 | --- | --- | --- | -- | -- |
| HKS*06XC* | 21.7 / 25.0 | 30 / 34 | 35 / 35 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9 / 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 | 17.3 / 20 | 22 / 25 | 25 / 25 | 68 / 78 | 70 / 80 |
| ASUF39C14AB | 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 | 40/ 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 | 47/54 | 50/60 | -- | -- |
| ASUF49C14AC | 0 / 0 | 7 / 7 | 15 / 15 | --- | --- | --- | -- | -- |
| HKS*03XC* | 10.8 / 12.5 | 20 / 22 | 25 / 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 | 47/54 | 50/60 | -- | -- |
| ASUF59D14AD | 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 / 45 | -- | -- |
| HKSC20XF* | 0/0 | 8 / 8 | 15/15 | 38/43 | 47/54 | 50 / 60 | -- | -- |
| HKSC25DC* | 52/60 | 73/83 | 80/90 | 34.7/40 | 43/50 | 45/50 | 117 / 133 | 125 / 150 |

¹ Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

² Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

[^] 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 — ARPT

| MODEL & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| ARPT18B14AC | 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 | 38/44 | 40/45 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 46/52 | 50/60 | --- | --- | --- | --- | --- |
| ARPT24B14AC | 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 | 30/34 | 30/35 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 39/44 | 40/45 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 46/52 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 46/52 | 50/60 | 17.3/20 | 22/25 | 25/25 | 67/77 | 70/80 |
| ARPT30B14AC | 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 | 30/34 | 30/35 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 39/44 | 40/45 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 46/52 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 46/52 | 50/60 | 17.3/20 | 22/25 | 25/25 | 67/77 | 70/80 |
| ARPT36C14AC | 0/0 | 4/4 | 15/15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8/12.5 | 17/20 | 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 | 40/46 | 45/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 47/54 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 47/54 | 50/60 | 17.3/20 | 22/25 | 25/25 | 69/79 | 70/80 |
| HKSC19C## | 34.7/40 | 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 | 38/43 | 47/54 | 50/60 | --- | --- |
| ARPT36D14AC | 0/0 | 4/4 | 15/15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8/12.5 | 17/19 | 20/20 | --- | --- | --- | --- | --- |
| HKS*05XC* | 17.3/20 | 25/29 | 30/30 | --- | --- | --- | --- | --- |
| HKS*06XC* | 21.7/25 | 31/35 | 35/40 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 40/45 | 40/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 47/54 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 47/54 | 50/60 | 17.3/20 | 22/25 | 25/25 | 69/79 | 70/80 |
| HKSC20D## | 34.7/40 | 47/54 | 50/60 | 34.7/40 | 44/50 | 45/50 | 90/104 | 100/110 |
| HKSC15XF* | 0/0 | 4/4 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKSC20XF* | 0/0 | 4/4 | 15/15 | 38/43 | 47/54 | 50/60 | --- | --- |

¹ Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25
² 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 & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| ARPT42D14AC | 0/0 | 4/4 | 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 | 31/36 | 35/40 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 40/46 | 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 | 69/79 | 70/80 |
| HKSC20D## | 34.7/40 | 48/54 | 50/60 | 34.7/40 | 44/50 | 45/60 | 91/104 | 100/110 |
| HKSC15XF* | 0/0 | 4/4 | 15/15 | 30/34.6 | 38/44 | 40/50 | --- | --- |
| HKSC20XF* | 0/0 | 4/4 | 15/15 | 38/43 | 47/54 | 50/60 | --- | --- |
| ARPT48D14AC | 0/0 | 4/4 | 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 | 31/36 | 35/40 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 40/46 | 45/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 48/54 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 48/54 | 50/60 | 17.3/20 | 22/25 | 25/25 | 69/79 | 70/80 |
| HKSC20D## | 34.7/40 | 48/54 | 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 | 38/43 | 47/54 | 50/60 | --- | --- |
| ARPT60D14AC | 0/0 | 6/6 | 15/15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8/12.5 | 19/21 | 20/25 | --- | --- | --- | --- | --- |
| HKS*05XC* | 17.3/20 | 27/31 | 30/35 | --- | --- | --- | --- | --- |
| HKS*06XC* | 21.7/25 | 33/37 | 35/40 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 42/47 | 45/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 49/56 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 49/56 | 50/60 | 17.3/20 | 22/25 | 25/25 | 71/81 | 80/90 |
| HKSC20D## | 34.7/40 | 49/56 | 50/60 | 34.7/40 | 43/50 | 45/50 | 92/106 | 100/110 |
| HKSC15XF* | 0/0 | 6/6 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKSC20XF* | 0/0 | 6/6 | 15/15 | 38/43 | 47/54 | 50/60 | --- | --- |
| HKSC25DC* | 52/60 | 71/81 | 80/90 | 35/40 | 43/50 | 45/50 | 114/131 | 125/150 |

¹ Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

² 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

| MODEL & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| ARUF18B14AB | 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 | 30/34 | 30/35 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 39/44 | 40/45 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 46/52 | 50/60 | --- | --- | --- | --- | --- |
| ARUF24B14BA | 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 | 46/52 | 50/60 | --- | --- | --- | --- | --- |
| ARUF30B14AC | 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 | 30/34 | 30/35 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 39/44 | 40/45 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 46/52 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 46/53 | 50/60 | 17.3/20 | 22/25 | 25/25 | 67/79 | 70/80 |
| ARUF30C14BB | 0/0 | 4/4 | 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 | 40/45 | 40/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 47/54 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 47/54 | 50/60 | 17.3/20 | 22/25 | 25/25 | 69/79 | 70/80 |
| HKSC19C#* | 34.7/40 | 47/54 | 50/60 | 34.7/40 | 43/50 | 45/50 | 90/104 | 100/110 |
| HKSC15XF* | 0/0 | 4/4 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKSC20XF* | 0/0 | 4/4 | 15/15 | 38/43 | 47/54 | 50/60 | --- | --- |
| ARUF36C14BC | 0/0 | 4/4 | 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 | 40/45 | 40/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 47/54 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 47/54 | 50/60 | 17.3/20 | 22/25 | 25/25 | 69/79 | 70/80 |
| HKSC19C#* | 34.7/40 | 47/54 | 50/60 | 34.7/40 | 43/50 | 45/50 | 90/104 | 100/110 |
| HKSC15XF* | 0/0 | 4/4 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKSC20XF* | 0/0 | 4/4 | 15/15 | 38/43 | 47/54 | 50/60 | --- | --- |

¹ Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25
² Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps
* Revision level that may or may not be designated
C = Circuit Breaker Option (CA is for 208V and CB is for 240V)
--- indicates Not Required

AIR HANDLER ELECTRICAL DATA — ARUF (CONT.)

| MODEL & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| ARUF42C14AD | 0/0 | 3.8/3.8 | 15/15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8/12.5 | 17/20 | 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 | 45/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 47/54 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 47/54 | 50/60 | 17.3/20 | 22/25 | 25/25 | 69/79 | 70/80 |
| HKSC19C#* | 34.7/40 | 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 | 38/43 | 47/54 | 50/60 | --- | --- |
| ARUF48D14AC | 0/0 | 4/4 | 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 | 31/36 | 35/40 | --- | --- | --- | --- | --- |
| HKS*08XC* | 28.9/33.3 | 40/46 | 45/50 | --- | --- | --- | --- | --- |
| HKS*10XC* | 34.7/40 | 48/54 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 48/54 | 50/60 | 17.3/20 | 22/25 | 25/25 | 69/79 | 70/80 |
| HKSC20D#* | 34.7/40 | 48/54 | 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 | 38/43 | 47/54 | 50/60 | --- | --- |
| ARUF60D14AA | 0/0 | 5.8/5.8 | 15/15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8/12.5 | 19/21 | 20/25 | --- | --- | --- | --- | --- |
| HKS*05XC* | 17.3/20 | 27/31 | 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 | 49/56 | 50/60 | --- | --- | --- | --- | --- |
| HKSC15*## | 34.7/40 | 49/56 | 50/60 | 17.3/20 | 22/25 | 25/25 | 71/81 | 80/90 |
| HKSC20D#* | 34.7/40 | 49/56 | 50/60 | 34.7/40 | 44/50 | 45/50 | 92/106 | 100/110 |
| HKSC15XF* | 0/0 | 5.8/5.8 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKSC20XF* | 0/0 | 5.8/5.8 | 15/15 | 38/43 | 47/54 | 50/60 | --- | --- |
| HKSC25DC* | 52/60 | 71/81 | 80/90 | 35/40 | 43/50 | 45/50 | 114/131 | 125/150 |

¹ Minimum Circuit Ampacity (Heater Amps + Motor Amps) X 1.25

² Maximum Overcurrent Protection = 2.25 X Motor Amps + Heater Amps

* Revision level that may or may not be designated

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

--- indicates Not Required

AIR HANDLER ELECTRICAL DATA — MBVC

| MODEL & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| MBVC1200AA-1A* | 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 |
| MBVC1600AA-1A* | 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 |
| MBVC2000AA-1A* | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 & HEAT KIT USAGE | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---------------------------|-------------|------------------|------------------|--------------|------------------|------------------|------------------|------------------|
| | HEATER AMPS | MCA ¹ | MOP ² | HEATER AMPS | MCA ¹ | MOP ² | MCA ¹ | MOP ² |
| MBR0800AA-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 / 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 | --- | --- | --- | --- | --- |
| MBR1200AA-1 ** | 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 | --- | --- |
| MBR1600AA-1 ** | 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 | --- | --- |
| MBR2000AA-1 ** | 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 | --- | --- |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPC1524M41 | 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 |
| GPC1530M41 | 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 |
| GPC1536M41 | 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 |
| GPC1542M41 | 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 |
| GPC1548M41 | 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 ¹ | MOP ² | MCA ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPC1336M41** | 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 |
| GPC1348M41** | 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 |
| GPC1360M41** | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 ¹ | MOP ² | MCA ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPC1424H41** | 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 |
| GPC1430H41** | 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 |
| GPC1436H41** | 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 |
| GPC1442H41** | 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 |
| GPC1448H41** | 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 |
| GPC1460H41** | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 ¹ | MOP ² | MCA ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPC1324H41** | 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 |
| GPC1330H41** | 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 |
| GPC1336H41** | 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 |
| GPC1342H41** | 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 |
| GPC1349H41** | 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 |
| GPC1360H41** | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 ¹ | MOP ² | MCA ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPH1524M41A* | 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 |
| GPH1530M41A* | 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 |
| GPH1536M41A* | 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 |
| GPH1543M41A* | 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 |
| GPH1549M41A* | 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 |
| GPH1560M41A* | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 ¹ | MOP ² | MCA ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPH1424H41A* | 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 |
| GPH1430H41A* | 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 |
| GPH1436H41A* | 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 |
| GPH1442H41A* | 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 |
| GPH1448H41A* | 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 |
| GPH1460H41A* | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 ¹ | MOP ² | MCA ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPH1324M41** | 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 |
| GPH1330M41** | 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 |
| GPH1336M41** | 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 |
| GPH1342M41** | 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 |
| GPH1348M41** | 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 |
| GPH1360M41** | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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 ¹ | MOP ² | MCA ¹ | MOP ² | MCA ¹ | MOP ² | |
| GPH1324H41** | 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 |
| GPH1330H41** | 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 |
| GPH1336H41** | 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 |
| GPH1342H41** | 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 |
| GPH1348H41** | 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 |
| GPH1360H41** | 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 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² 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.