Goodman®
Air Conditioning & Heating

# ASPT Series

## Multi-Position, Multi-Speed, ECM-Based Air Handler with Internal TXV 1½ to 5 Tons




***Contents***


Air Handler Nomenclature ..... 2
Heater Kit Nomenclature ..... 2
Product Specifications ..... 3
Dimensions ..... 4
Airflow Data ..... 6
Heat Kit Data ..... 7
Wiring Diagram ..... 9
Accessories ..... 12


***Product Features***

- Internal factory-installed thermal expansion valves for cooling and heat pump applications
- Direct drive, multi-speed ECM blower motor
- All-aluminum evaporator coil
- Coil mounting track for quick repositioning
- Optimized for use with R-410A refrigerant
- Cabinet air leakage less than 2.0% at 1.0 inch $H_2O$ when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch $H_2O$ when tested in accordance with ASHRAE standard 193
- 3 kW – 25 kW electric heater kits
- AHRI certified; ETL listed
- Rigid SmartFrame™ cabinet
- Horizontal or vertical configuration capabilities
- 21" depth for easier attic access
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- Screw-less sides and back helps to reduce condensation when installed in humid locations
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- Glue-less cabinet insulation retention
- Tool-less filter access

10 YEAR PARTS LIMITED WARRANTY*

ALL ALUMINUM COIL

AHRI CERTIFIED

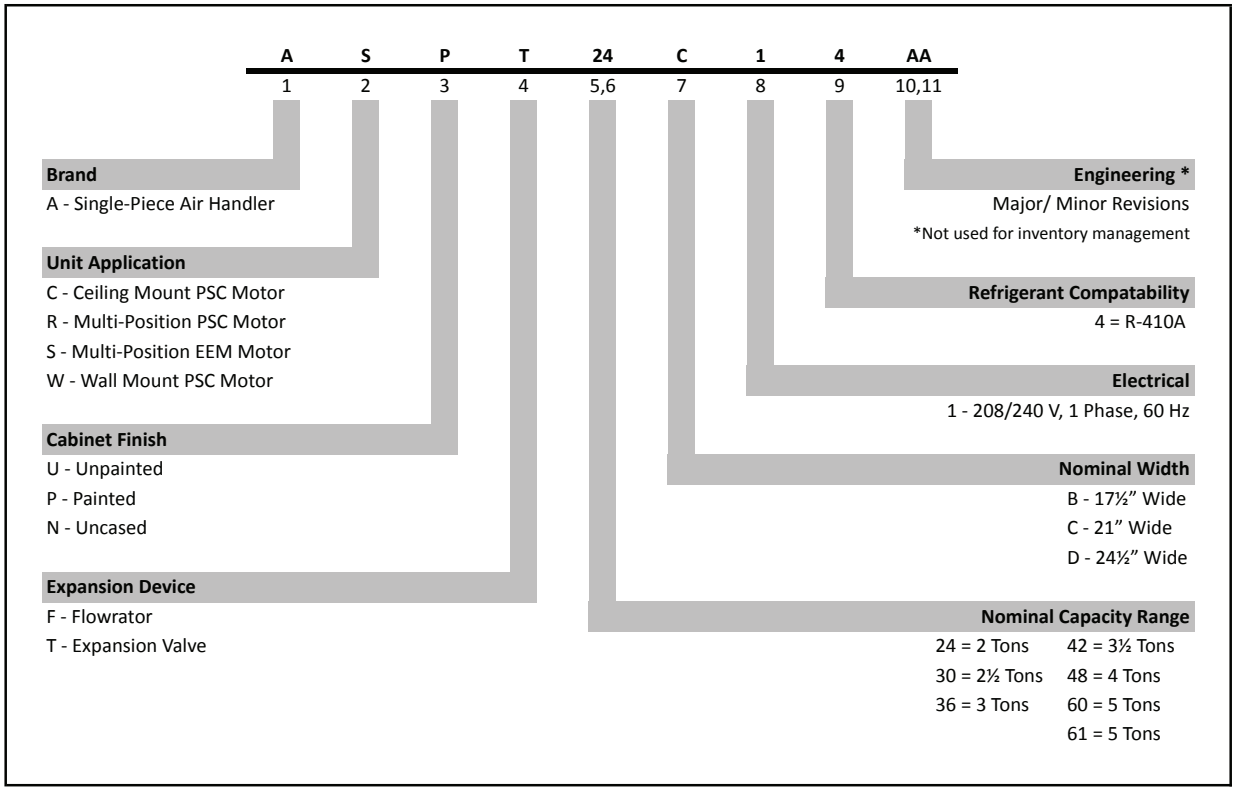
ETL LISTED c US Intertek

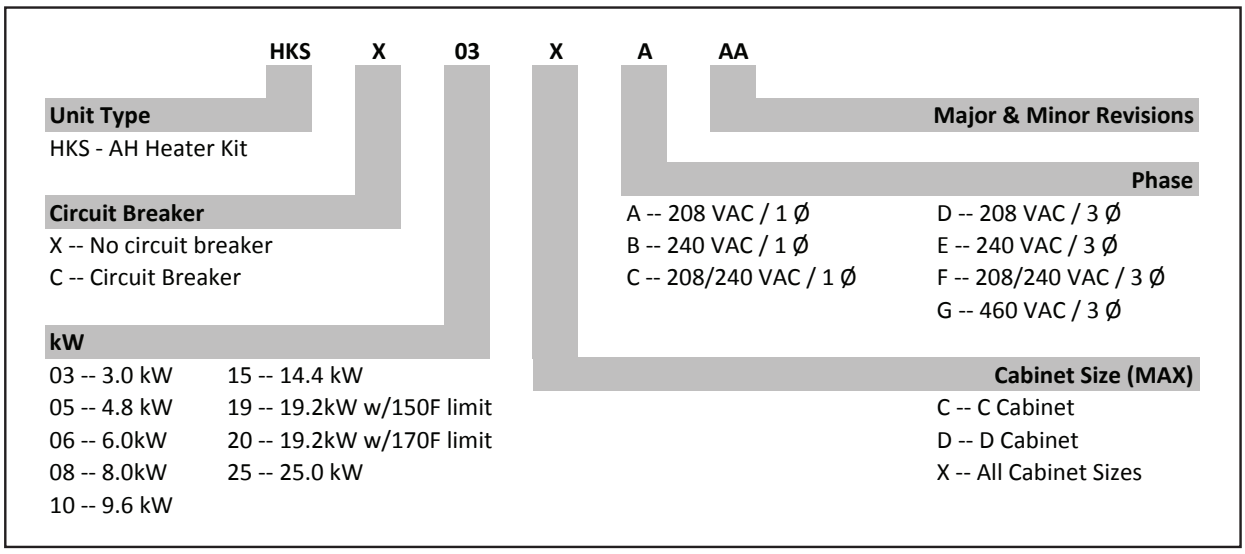
ISO 9001

ISO 14001 CERTIFIED

BBB ACCREDITED BUSINESS

* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

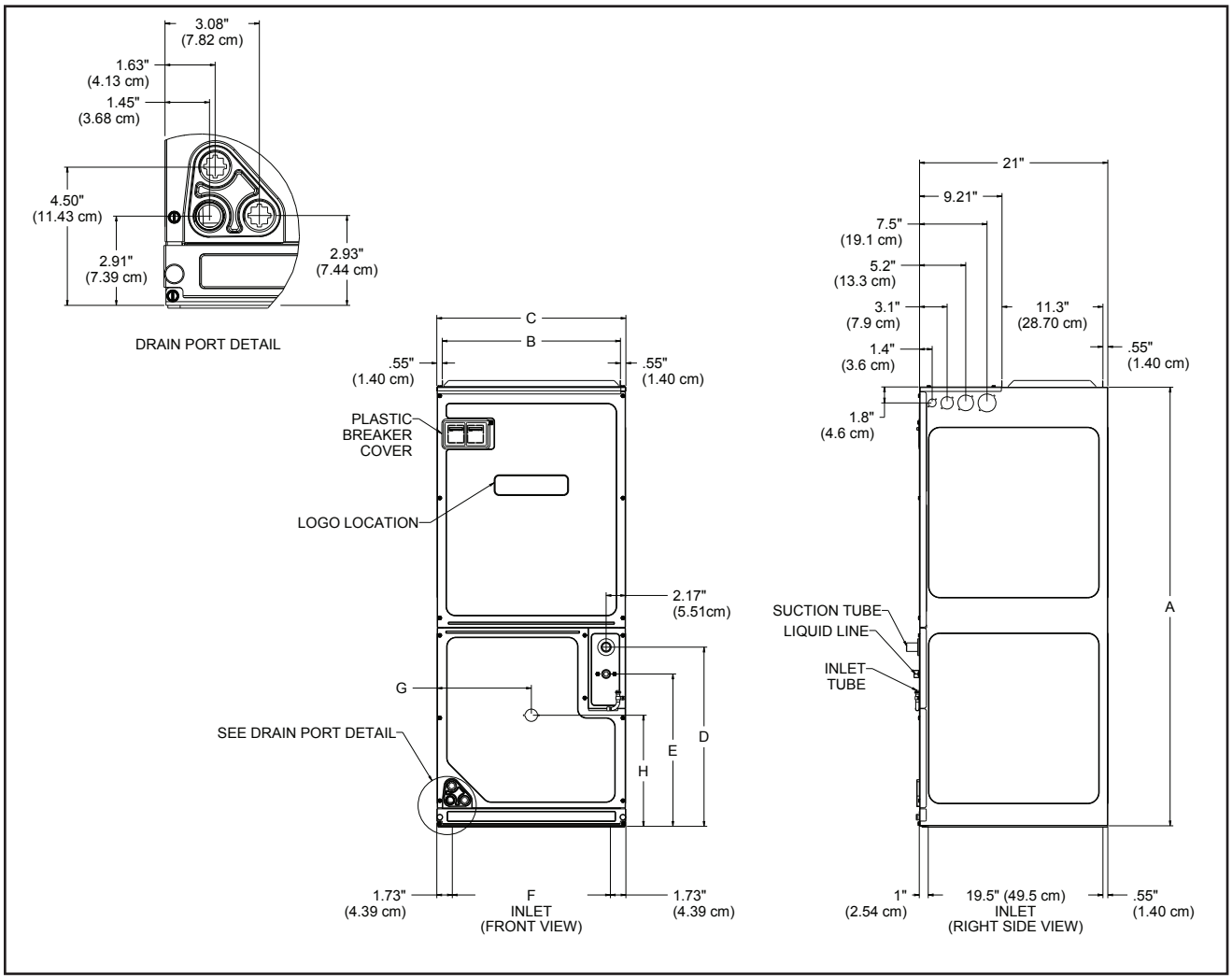

A S P T 24 C 1 4 AA
1 2 3 4 5,6 7 8 9 10,11
Brand
A - Single-Piece Air Handler
Unit Application
C - Ceiling Mount PSC Motor
R - Multi-Position PSC Motor
S - Multi-Position EEM Motor
W - Wall Mount PSC Motor
Cabinet Finish
U - Unpainted
P - Painted
N - Uncased
Expansion Device
F - Flowrator
T - Expansion Valve
Engineering *
Major/ Minor Revisions
*Not used for inventory management
Refrigerant Compatability
4 = R-410A
Electrical
1 - 208/240 V, 1 Phase, 60 Hz
Nominal Width
B - 17½" Wide
C - 21" Wide
D - 24½" Wide
Nominal Capacity Range
24 = 2 Tons
30 = 2½ Tons
36 = 3 Tons
42 = 3½ Tons
48 = 4 Tons
60 = 5 Tons
61 = 5 Tons


HKS X 03 X A AA
Unit Type
HKS - AH Heater Kit
Circuit Breaker
X -- No circuit breaker
C -- Circuit Breaker
kW
03 -- 3.0 kW
05 -- 4.8 kW
06 -- 6.0kW
08 -- 8.0kW
10 -- 9.6 kW
15 -- 14.4 kW
19 -- 19.2kW w/150F limit
20 -- 19.2kW w/170F limit
25 -- 25.0 kW
Major & Minor Revisions
Phase
A -- 208 VAC / 1 Ø
B -- 240 VAC / 1 Ø
C -- 208/240 VAC / 1 Ø
D -- 208 VAC / 3 Ø
E -- 240 VAC / 3 Ø
F -- 208/240 VAC / 3 Ø
G -- 460 VAC / 3 Ø
Cabinet Size (MAX)
C -- C Cabinet
D -- D Cabinet
X -- All Cabinet Sizes

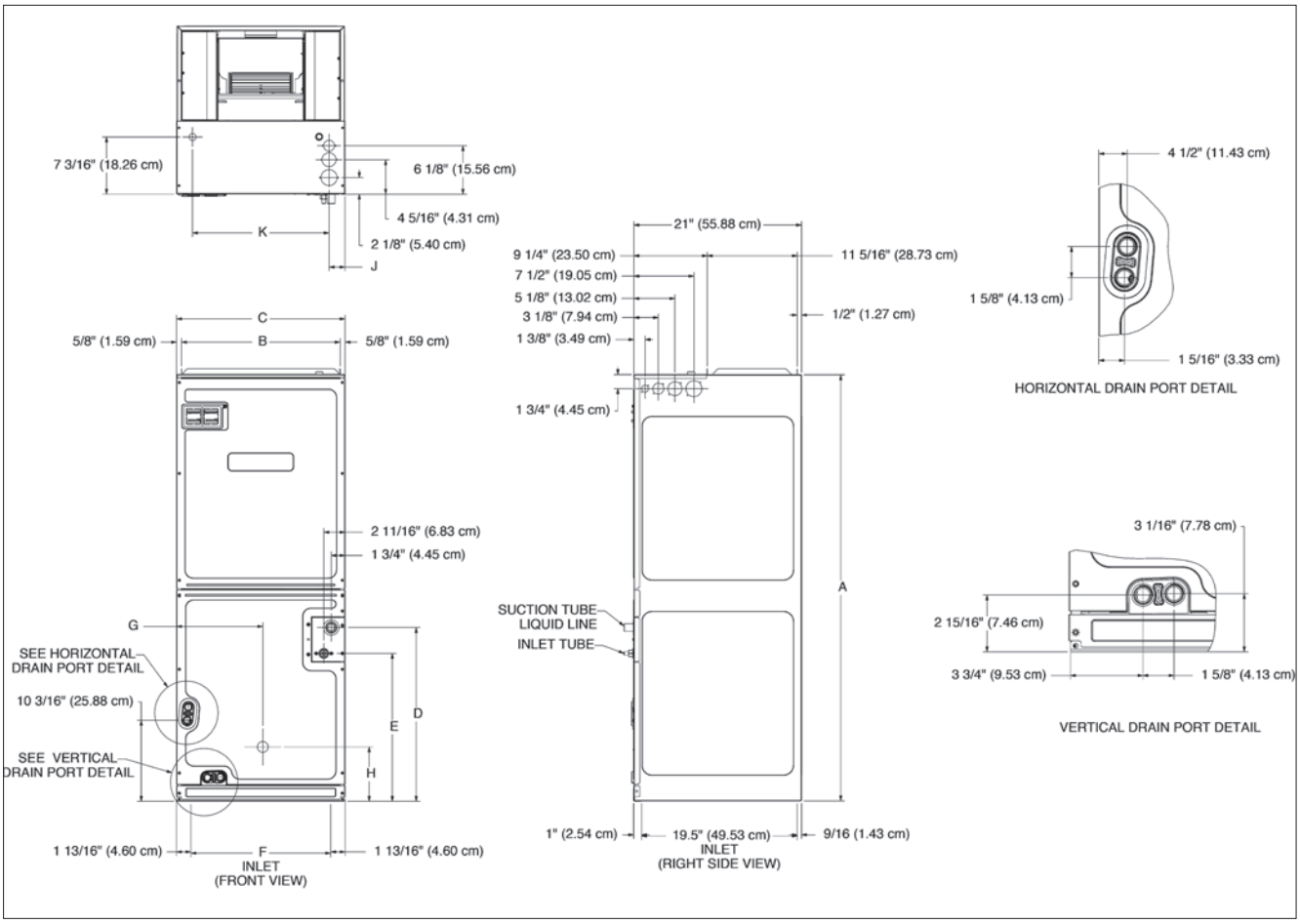
| | ASPT 25B14* | ASPT 29B14* | ASPT 37B14* | ASPT 37C14* | ASPT 47C14* | ASPT 59C14* | ASPT 47D14* | ASPT 49D14* | ASPT 61D14* |
|---|---|---|---|---|---|---|---|---|---|
| **NOMINAL RATINGS** | | | | | | | | | |
| Cooling (Btu/h) | 24,000 | 24,000 | 30,000 | 36,000 | 42,000 | 60,000 | 42,000 | 48,000 | 60,000 |
| **BLOWER** | | | | | | | | | |
| Diameter | 9½" | 9½" | 9½" | 10⅝" | 10⅝" | 10⅝" | 10⅝" | 11 15/16" | 11 15/16" |
| Width | 6" | 6" | 6" | 8" | 10⅝" | 10⅝" | 10⅝" | 10⅝" | 10⅝" |
| **COIL CONNECTIONS** | | | | | | | | | |
| Liquid | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction | ¾" | ⅞" | ⅞" | ⅞" | ⅞" | ⅞" | ⅞" | ⅞" | ⅞" |
| Coil Drain Connect (FPT) | ¾" | ¾" | ¾" | ¾" | ¾" | ¾" | ¾" | ¾" | ¾" |
| **ELECTRICAL DATA** | | | | | | | | | |
| Voltage | 208 / 230 | 208 / 230 | 208 / 230 | 208 / 230 | 208 / 230 | 208 / 230 | 208 / 230 | 208 / 230 | 208 / 230 |
| Minimum Circuit Ampacity | 5.8 / 5.8 | 5.8 / 5.8 | 5.6 / 5.6 | 5.6 / 5.6 | 5.6 / 5.6 | 7.9 / 7.9 | 5.6 / 5.6 | 8.6 / 8.6 | 8.6 / 8.6 |
| Max. Overcurrent Device (Amps) | 15 / 15 | 15 / 15 | 15 / 15 | 15 / 15 | 15 / 15 | 15/15 | 15 / 15 | 15 / 15 | 15 / 15 |
| Minimum VAC | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 |
| Maximum VAC | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 |
| **Blower Motor** | | | | | | | | | |
| Full Load Amps (FLA) | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 6.3 | 4.5 | 6.9 | 6.9 |
| Horsepower (HP) | ¾ | ¾ | ¾ | ¾ | ¾ | 1 | ¾ | 1 | 1 |
| **SHIP WEIGHT (LBS.)** | 116 | 129 | 129 | 144 | 144 | 144 | 155 | 167 | 167 |

*Airflow rate @.3 static

**Note:** Assumes dry coil; SCFM correction for wet coil = 4% (208V / 240V)




| MODEL | A" | B" | C" | D" | E" | F" | G" | H" |
|---|---|---|---|---|---|---|---|---|
| ASPT25B14* | 45 | 16⅜ | 17½ | 15¼ | 12 | 14 3/16 | 9⅛ | 12⅝ |
| ASPT29B14* | 53 7/16 | 16⅜ | 17½ | 23 11/16 | 20½ | 14 3/16 | 9⅛ | 7⅝ |
| ASPT37B14* | 53 7/16 | 16⅜ | 17½ | 23 11/16 | 20½ | 14 3/16 | 9⅛ | 7⅝ |
| ASPT37C14* | 53 7/16 | 19⅞ | 21 | 21 13/16 | 18⅝ | 17 11/16 | 10 13/16 | 6⅞ |
| ASPT47C14* | 53 7/16 | 19⅞ | 21 | 21 13/16 | 18⅝ | 17 11/16 | 10 13/16 | 6⅞ |
| ASPT59C14* | 53 7/16 | 19⅞ | 21 | 21 13/16 | 18⅝ | 17 11/16 | 10 13/16 | 6⅞ |
| ASPT47D14* | 53 7/16 | 23 5/16 | 24½ | 21½ | 18 5/16 | 21 3/16 | 12⅝ | 6⅞ |
| ASPT49D14* | 58 | 23 5/16 | 24½ | 26⅛ | 22⅞ | 21 3/16 | 12⅝ | 25⅛ |
| ASPT61D14 | 58 | 23 5/16 | 24½ | 26⅛ | 22⅞ | 21 3/16 | 12⅝ | 25⅛ |




| MODEL | A" | B" | C" | D" | E" | F" | G" | H" |
|---|---|---|---|---|---|---|---|---|
| ASPT61D14 | 58 | 23 5/16 | 24½ | 26⅛ | 22⅞ | 21 3/16 | 12⅝ | 25⅛ |

| MODEL | SPEED TAP | STATIC PRESSURE (IN W.C) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| ASPT 25B14AA | 1 | 640 | 585 | 580 | 545 | 510 | 490 | 410 | 340 | 280 | |
| | 2 | 800 | 765 | 725 | 700 | 670 | 645 | 595 | 565 | 490 | |
| | 3 | 840 | 805 | 800 | 760 | 740 | 700 | 670 | 625 | 580 | |
| | 4 | 985 | 950 | 920 | 885 | 850 | 815 | 800 | 760 | 725 | |
| | 5 | 1,475 | 1,440 | 1,400 | 1,375 | 1,335 | 1,305 | 1,270 | 1,240 | 1,150 | |
| ASPT 29B14AA | 1 | 595 | 590 | 565 | 530 | 505 | 455 | 380 | 305 | 260 | |
| | 2 | 790 | 775 | 745 | 705 | 665 | 625 | 585 | 515 | 445 | |
| | 3 | 865 | 820 | 790 | 770 | 735 | 695 | 645 | 595 | 530 | |
| | 4 | 1,015 | 980 | 955 | 925 | 880 | 840 | 795 | 770 | 720 | |
| | 5 | 1,505 | 1,465 | 1,430 | 1,410 | 1,385 | 1,350 | 1,315 | 1,285 | 1,220 | |
| ASPT 37B14AA | 1 | 1,025 | 985 | 945 | 910 | 875 | 830 | 795 | 735 | 690 | |
| | 2 | 1,150 | 1,105 | 1,065 | 1,025 | 995 | 950 | 915 | 870 | 825 | |
| | 3 | 1,240 | 1,200 | 1,160 | 1,120 | 1,085 | 1,050 | 1,010 | 970 | 925 | |
| | 4 | 1,425 | 1,400 | 1,355 | 1,320 | 1,290 | 1,250 | 1,215 | 1,180 | 1,145 | |
| | 5 | 1,490 | 1,455 | 1,415 | 1,390 | 1,355 | 1,320 | 1,285 | 1,250 | 1,205 | |
| ASPT 37C14AA | 1 | 980 | 935 | 895 | 860 | 825 | 800 | 755 | 710 | 665 | |
| | 2 | 1,125 | 1,075 | 1,045 | 1,000 | 965 | 930 | 880 | 845 | 820 | |
| | 3 | 1,235 | 1,190 | 1,155 | 1,120 | 1,085 | 1,045 | 1,005 | 965 | 920 | |
| | 4 | 1,485 | 1,450 | 1,425 | 1,390 | 1,355 | 1,315 | 1,275 | 1,230 | 1,190 | |
| | 5 | 1,565 | 1,535 | 1,510 | 1,480 | 1,240 | 1,390 | 1,365 | 1,320 | 1,280 | |
| ASPT 47C14AA | 1 | 955 | 895 | 855 | 840 | 780 | 735 | 675 | 615 | 560 | |
| | 2 | 1,100 | 1,050 | 1,005 | 965 | 925 | 870 | 815 | 770 | 705 | |
| | 3 | 1,205 | 1,160 | 1,120 | 1,075 | 1,035 | 990 | 940 | 885 | 830 | |
| | 4 | 1,445 | 1,410 | 1,365 | 1,320 | 1,275 | 1,235 | 1,190 | 1,140 | 1,095 | |
| | 5 | 1,525 | 1,480 | 1,435 | 1,400 | 1,360 | 1,320 | 1,275 | 1,230 | 1,180 | |
| ASPT 47D14AA | 1 | 1,055 | 1,015 | 950 | 895 | 830 | 785 | 730 | 680 | 620 | |
| | 2 | 1,210 | 1,165 | 1,110 | 1,070 | 1,015 | 960 | 900 | 840 | 785 | |
| | 3 | 1,335 | 1,290 | 1,250 | 1,205 | 1,145 | 1,100 | 1,050 | 980 | 910 | |
| | 4 | 1,625 | 1,580 | 1,530 | 1,495 | 1,455 | 1,405 | 1,350 | 1,295 | 1,230 | |
| | 5 | 1,720 | 1,670 | 1,625 | 1,580 | 1,540 | 1,490 | 1,435 | 1,390 | 1,325 | |
| ASPT 49D14AA | 1 | 1,485 | 1,435 | 1,380 | 1,320 | 1,265 | 1,200 | 1,230 | 1,015 | 930 | |
| | 2 | 1,570 | 1,525 | 1,480 | 1,430 | 1,370 | 1,315 | 1,235 | 1,155 | 1,035 | |
| | 3 | 1,680 | 1,600 | 1,570 | 1,555 | 1,475 | 1,430 | 1,360 | 1,280 | 1,185 | |
| | 4 | 1,800 | 1,765 | 1,715 | 1,670 | 1,625 | 1,590 | 1,510 | 1,465 | 1,390 | |
| | 5 | 2,215 | 2,160 | 2,120 | 2,085 | 2,040 | 2,000 | 1,970 | 1,930 | 1,865 | |
| ASPT 59C14AA | 1 | 1,370 | 1,330 | 1,295 | 1,255 | 1,215 | 1,180 | 1,140 | 1,100 | 1,060 | |
| | 2 | 1,535 | 1,500 | 1,465 | 1,430 | 1,405 | 1,370 | 1,335 | 1,300 | 1,210 | |
| | 3 | 1,680 | 1,645 | 1,615 | 1,575 | 1,545 | 1,510 | 1,440 | 1,330 | 1,205 | |
| | 4 | 1,905 | 1,855 | 1,780 | 1,690 | 1,605 | 1,515 | 1,425 | 1,330 | 1,205 | |
| | 5 | 1,940 | 1,855 | 1,775 | 1,700 | 1,605 | 1,505 | 1,420 | 1,320 | 1,205 | |
| ASPT 61D14AA | 1 | 1,545 | 1,495 | 1,440 | 1,390 | 1,335 | 1,260 | 1,180 | 1,080 | 1,030 | |
| | 2 | 1,745 | 1,695 | 1,625 | 1,575 | 1,525 | 1,475 | 1,400 | 1,360 | 1,275 | |
| | 3 | 1,905 | 1,855 | 1,815 | 1,770 | 1,725 | 1,670 | 1,635 | 1,575 | 1,500 | |
| | 4 | 2,155 | 2,105 | 2,090 | 2,045 | 2,000 | 1,970 | 1,935 | 1,890 | 1,830 | |
| | 5 | 2,340 | 2,310 | 2,265 | 2,220 | 2,185 | 2,165 | 2,120 | 2,080 | 2,030 | |

**NOTES**

- The chart is for information only. For satisfactory operation, external static pressure must not exceed value shown on rating plate.
- Use the CFM adjustment factors of .98 for horizontal left, .95 for horizontal right & .96 for downflow orientations.
- Assumes dry coil with filter in place.
- All models are shipped from the factory with the speed tap set on T4.
- Assumes dry coil; SCFM correction for wet coil = 4%
- All ASPT models are shipped from the factory with the speed tap set on T4.

| Model | Circuit 1 | | | Circuit 2 | | | Single-Point Kit | |
|---|---|---|---|---|---|---|---|---|
| | Amps | MCA[1] | MOP[2] | Amps | MCA[1] | MOP[2] | MCA[1] | MOP[2] |
| **ASPT25B14AA** | 0/0 | 5.8/5.8 | 15/15 | --- | --- | --- | --- | --- |
| HKS*03XC* | 10.8/12.5 | 19/21 | 20/25 | --- | --- | --- | -- | -- |
| HKS*05XC* | 17.3/20.0 | 27/31 | 30/35 | --- | --- | --- | -- | -- |
| HKS*06XC* | 21.6/25.0 | 33/37 | 35/40 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.8/33.3 | 42/47 | 45/50 | --- | --- | --- | -- | -- |
| HKS*10XC* | 34.6/40.0 | 49/56 | 50/60 | --- | --- | --- | -- | -- |
| **ASPT29B14AA** | 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 | 42/47 | 45/50 | --- | --- | --- | -- | -- |
| HKS*10XC* | 34.7/40 | 49/56 | 50/60 | --- | --- | --- | -- | -- |
| HKS*15*#* | 34.7/40 | 49/56 | 50/60 | 17/20 | 22/25 | 25/25 | 71/81 | 80/90 |
| **ASPT37B14AA** | 0/0 | 5.6/5.6 | 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 | --- | --- | --- | -- | -- |
| HKS*15*#* | 34.7/40 | 49/56 | 50/60 | 17.3/20 | 22/25 | 25/25 | 71/81 | 80/90 |
| **ASPT37C14AA** | 0/0 | 5.6/5.6 | 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 | --- | --- | --- | -- | -- |
| HKS*15*#* | 34.7/40 | 49/56 | 50/60 | 17.3/20 | 22/25 | 25/25 | 71/81 | 80/90 |
| HKSC19C*#* | 34.7/40 | 49/56 | 50/60 | 34.7/40 | 43/50 | 45/50 | 92/106 | 100/110 |
| HKSC*15XF* | 0/0 | 5.6/5.6 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| **ASPT47C14AA** | 0/0 | 5.6/5.6 | 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 | --- | --- | --- | -- | -- |
| HKS*15*#* | 34.7/40 | 49/56 | 50/60 | 17.3/20 | 22/25 | 25/25 | 71/81 | 80/90 |
| HKSC19C*#* | 34.7/40 | 49/56 | 50/60 | 34.7/40 | 43/50 | 45/50 | 92/106 | 100/110 |
| HKSC*15XF* | 0/0 | 5.6/5.6 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |

[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

## *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.

| MODEL | CIRCUIT 1 | | | CIRCUIT 2 | | | SINGLE-POINT KIT | |
|---|---|---|---|---|---|---|---|---|
| | AMPS | MCA[1] | MOP[2] | AMPS | MCA[1] | MOP[2] | MCA[1] | MOP[2] |
| **ASPT59C14AA** | 0.0/.0.0 | 7.9/7.9 | 15/15 | --- | --- | --- | -- | -- |
| HKS*03XC* | 10.8/12.5 | 21/24 | 25/25 | --- | --- | --- | -- | -- |
| HKS*05XC* | 17.3/20 | 30/33 | 30/35 | --- | --- | --- | -- | -- |
| HKS*06XC* | 21.7/25 | 35/39 | 35/40 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9/33.3 | 44/50 | 45/50 | --- | --- | --- | -- | -- |
| HKS*10XC* | 34.7/40 | 51/58 | 60/60 | --- | --- | --- | -- | -- |
| HKS*15*#* | 34.7/40 | 51/58 | 60/60 | 17.3/20 | 22/25 | 25/25 | 73/83 | 80/90 |
| HKSC19C*#* | 34.7/40 | 51/58 | 60/60 | 34.7/40 | 43/50 | 45/50 | 95/108 | 100/110 |
| HKSC*15XF* | 0.0/0.0 | 7.9/7.9 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| **ASPT47D14AA** | 0/0 | 5.6/5.6 | 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 | --- | --- | --- | -- | -- |
| HKS*15*#* | 34.7/40 | 49/56 | 50/60 | 17.3/20 | 22/25 | 25/25 | 71/81 | 80/90 |
| HKSC20D#C* | 34.7/40 | 49/56 | 50/60 | 34.7/40 | 43/50 | 45/50 | 92/106 | 100/110 |
| HKSC*15XF* | 0/0 | 5.6/5.6 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKS*20XF* | 0/0 | 5.6/5.6 | 15/15 | 37.5/43.3 | 47/54 | 50/60 | --- | --- |
| **ASPT49D14AA** | 0/0 | 8.6/8.6 | 15/15 | --- | --- | --- | -- | -- |
| HKS*03XC* | 10.8/12.5 | 22/24 | 25/25 | --- | --- | --- | -- | -- |
| HKS*05XC* | 17.3/20 | 30.3/34 | 35/35 | --- | --- | --- | -- | -- |
| HKS*06XC* | 21.7/25 | 36/40 | 40/40 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9/33.3 | 45/50.3 | 45/60 | --- | --- | --- | -- | -- |
| HKS*10XC* | 34.7/40 | 52/59 | 60/60 | --- | --- | --- | -- | -- |
| HKSC15*#* | 34.7/40 | 52/59 | 60/60 | 17.3/20.0 | 22/25 | 25/25 | 74/84 | 80/90 |
| HKSC20D#* | 34.7/40 | 52/59 | 60/60 | 34.7/40.0 | 43/50 | 45/50 | 95/109 | 100/110 |
| HKS*15XF* | 0/0 | 8.6/8.6 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKS*20XF* | 0/0 | 8.6/8.6 | 15/15 | 37.5/43.3 | 47/54 | 50/60 | --- | --- |
| HKSC25DC* | 52/60 | 74/84 | 80/90 | 35/40 | 43/50 | 45/50 | 117/134 | 125/150 |
| **ASPT61D14AA** | 0/0 | 8.6/8.6 | 15/15 | --- | --- | --- | -- | -- |
| HKS*03XC* | 10.8/12.5 | 22/24 | 25/25 | --- | --- | --- | -- | -- |
| HKS*05XC* | 17.3/20 | 30.3/34 | 35/35 | --- | --- | --- | -- | -- |
| HKS*06XC* | 21.7/25 | 36/40 | 40/40 | --- | --- | --- | -- | -- |
| HKS*08XC* | 28.9/33.3 | 45/50.3 | 45/60 | --- | --- | --- | -- | -- |
| HKS*10XC* | 34.7/40 | 52/59 | 60/60 | --- | --- | --- | -- | -- |
| HKSC15*#* | 34.7/40 | 52/59 | 60/60 | 17.3/20.0 | 22/25 | 25/25 | 74/84 | 80/90 |
| HKSC20D#* | 34.7/40 | 52/59 | 60/60 | 34.7/40.0 | 43/50 | 45/50 | 95/109 | 100/110 |
| HKS*15XF* | 0/0 | 8.6/8.6 | 15/15 | 30/34.6 | 38/43 | 40/45 | --- | --- |
| HKS*20XF* | 0/0 | 8.6/8.6 | 15/15 | 37.5/43.3 | 47/54 | 50/60 | --- | --- |
| HKSC25DC* | 52/60 | 74/84 | 80/90 | 35/40 | 43/50 | 45/50 | 117/134 | 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

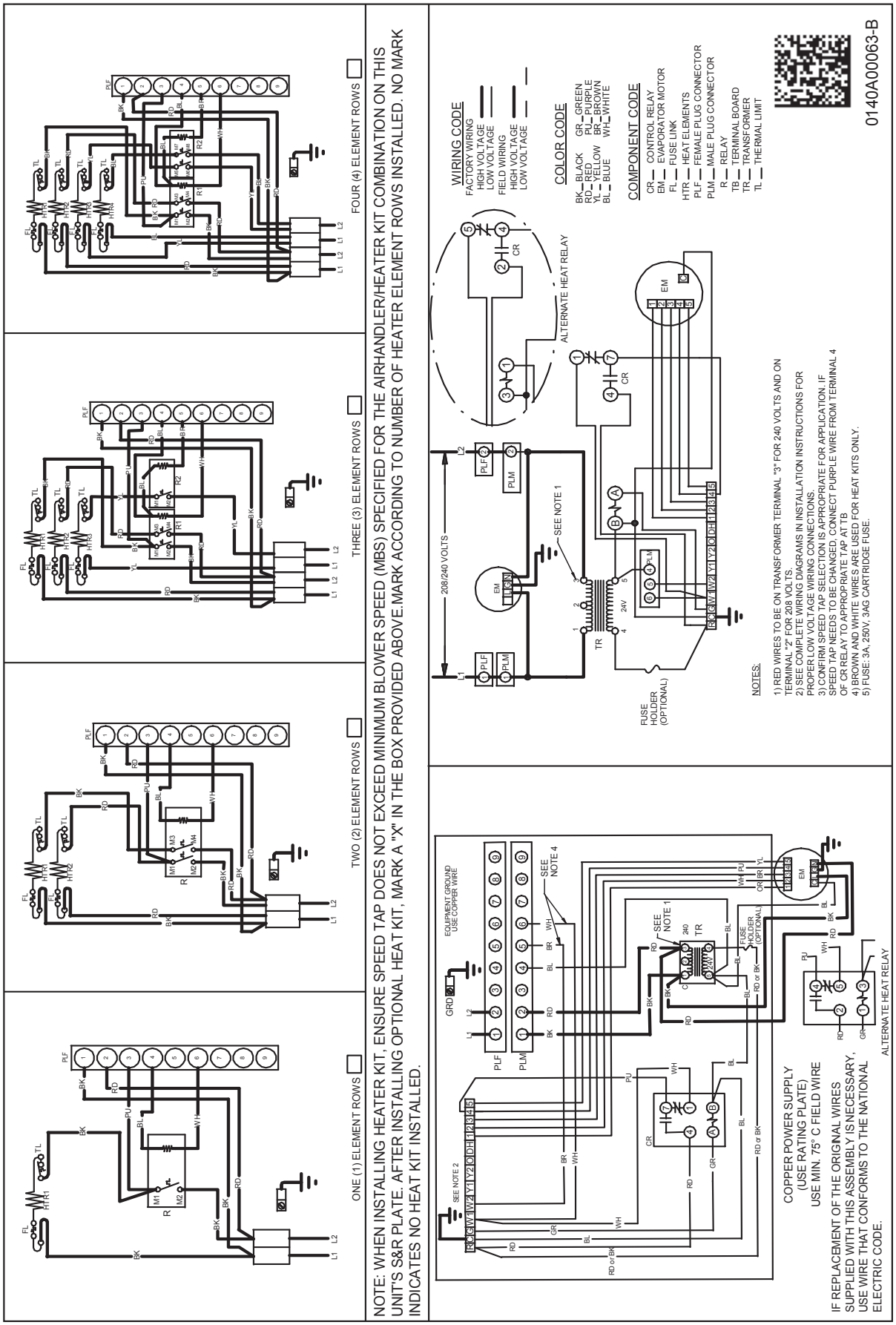
C = Circuit Breaker Option

--- indicates Not Required

## *HEATING KW CORRECTION FACTOR*

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

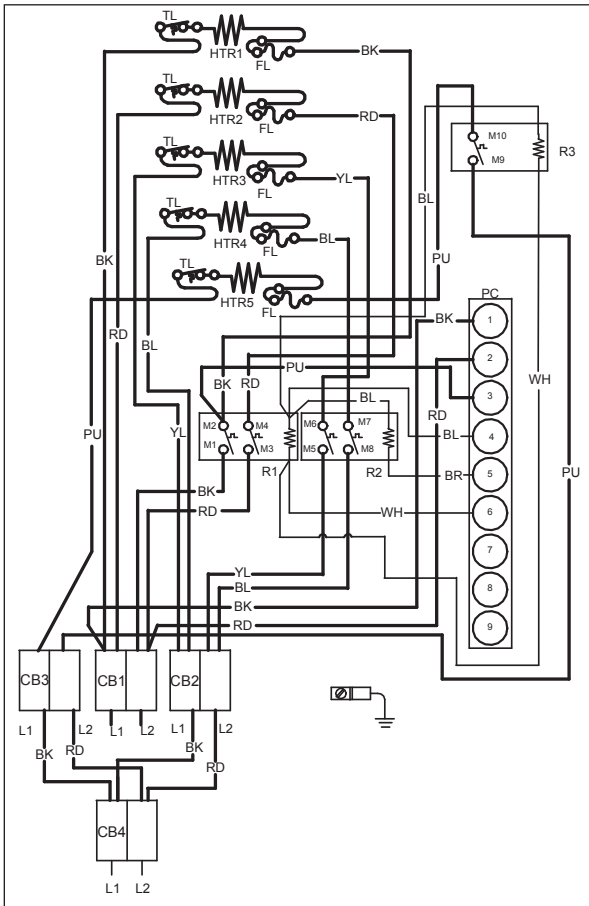
Multiply the 240-volt heating capacity by correction factors.




**NOTE:** The five element, 25 kW heater kit is not SHOWN ABOVE.

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**WARNING** — ***High Voltage:*** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.




COMPONENT CODE

PC = 9 PIN CONNECTOR
HTR = HEATER ELEMENT
TL = THERMAL LMT
RS = RELAY/SEQUENCER
TB = TERMINAL BLOCK
CB = CIRCUIT BREAKER
CC = CONTACTOR
FL = FUSE LINK
EM = EVAPORATOR MOTOR
EBTDR = ELEC. BLOWER TIME DELAY
RC = RUN CAPACITOR
TR = TRANSFORMER
SR = STRAIN RELIEF

WIRING CODE:

HIGH VOLTAGE ——————
LOW VOLTAGE ——————

COLOR CODE

BK = BLACK
BL = BLUE
BR = BROWN
GR = GREEN
OR = ORANGE
PK = PINK
PU = PURPLE
RD = RED
WH = WHITE
YL = YELLOW

NOTE: WHEN INSTALLING HEATER KIT, ENSURE SPEED TAP MUST EXCEED OR EQUAL THE MINIMUM BLOWER SPEED (MBS) SPECIFIED FOR THE AIRHANDLER / HEATER KIT COMBINATION ON THIS UNIT'S SERIAL PLATE. AFTER INSTALLING OPTIONAL HEAT KIT, MARK AN "X" IN THE ☐ PROVIDED BELOW. NO MARK INDICATES NO HEAT KIT INSTALLED.

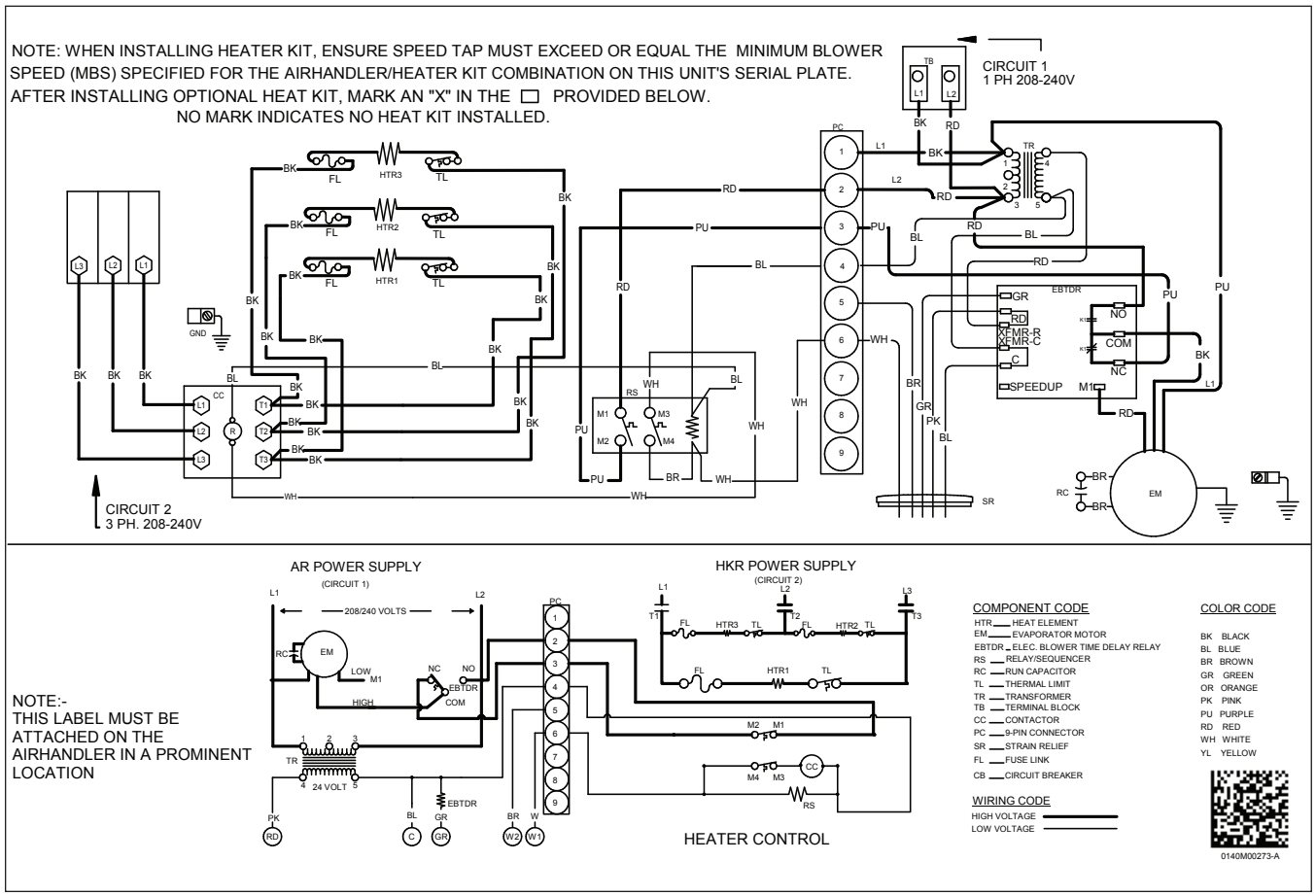
FIVE (5) ELEMENT ROWS ☐

NOTE:-
THIS LABEL MUST BE ATTACHED ON THE AIRHANDLER IN A PROMINENT LOCATION

0140M00274-A

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**⚠ *Warning*** | ***High Voltage:*** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death. ⚡




Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

| ⚠ ***Warning*** | ***High Voltage:*** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death. ⚡ |
|---|---|

## *Downflow Insulation Kit*

| DFK-B | DFK-C | DFK-D |
|---|---|---|
| ASPT24B14** | ASPT30C14** | ASPT42D14** |
| | ASPT36C14** | ASPT48D14** |
| | ASPT42C14** | ASPT60D14** |
| | ASPT48C14** | ASPT61D14** |

## *Filters*

| Chassis | Part # | Size |
|---|---|---|
| B | ALFH16201E | 16.0” x 20.0” |
| C | ALFH1912201E | 19.5” x 20.0” |
| D | ALFH20231E | 23.0” x 20.0” |

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