



HG SERIES ELECTRIC HEATERS

# INSTALLATION, OPERATION & MAINTENANCE MANUAL

Part#: 97B0173N01 | Revised: August 18, 2025

Models: HGM and HGL  
60Hz – HFC-410A and R-454B



Models:  
HGM/L  
04-20kW

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Heat Controller works continually to improve its products. As a result, the design and specifications of each product at the time of order may be changed without notice and may not be as described herein. Please contact Heat Controller's Customer Service Department at 517-787-2100 for specific information on the current design and specifications. Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely Heat Controller's opinion or commendation of its products.

# Overview and Safety

## GENERAL INFORMATION

The HG Series Auxiliary Electric Heat modules are designed to be installed on both packaged heat pumps and air handlers.

- **Vertical Units:** Heater module installs internally on the ME and HZ series. (See figure, **Typical Air Handler Installation**)
- **Horizontal Units:** Heater module installs externally on ME and HZ series. (See figure, **Typical Horizontal Installation**)
- **Air Handlers:** Heater module installs internally on MA and WDG Series. (See figure, **Typical Vertical Unit Installation**)
- **Compact Units:** Heater module installs externally on all orientations of the MZ and HE Series. (See figure, **External Assembly Installation**)

For more information on HG Series compatibility, please reference **HG Compatibility** table. Additionally, please note that revision “B” (Digit 7 of the model number) HG Series heaters are not forwards compatible with R-454B products. However, revision “C” HG Series heaters are backwards compatible with legacy R-410A products.

**NOTE: Some MZ and HE units require additional mounting brackets. For more information on which units require additional mounting brackets, please consult the table, MZ and HE Mounting Brackets.**

For added safety, the HG Series now includes one non-resettable thermal cutout per circuit. The non-resettable thermal cutout has a higher trip limit of 208°F (97.8°C), compared to the resettable temperature switches, which have a trip limit of 155°F (68.3°C).

Horizontal units are rated for zero clearance at the unit and 1-inch clearance for the first three feet of duct. Vertical units are rated for zero clearance for both the unit and duct. Downflow units cannot be located directly over a discharge register. The discharge plenum must be constructed from non-combustible material. For all unit configurations, the minimum clearance for both the unit and the duct to combustible sources is zero feet.

## SAFETY

Danger, Warning, Caution, and Attention notices appear throughout this manual. Read these items carefully before attempting any installation, service, or troubleshooting of the equipment.

**DANGER:** Indicates an immediate hazardous situation which, if not avoided, will result in death or serious injury. DANGER labels on unit access panels must be observed.

**WARNING:** Indicates potentially hazardous situation which, if not avoided, could result in death or serious injury.

**CAUTION:** Indicates a potentially hazardous situation or an unsafe practice which, if not avoided, could result in minor or moderate injury or product or property damage.

**ATTENTION:** Notification of installed, operation or maintenance information which is important, but not hazard related.

**WARNING**



Disconnect power supply(ies) before servicing. Refer servicing to qualified service personnel. Electric shock hazard. May result in injury or death!

**WARNING**

The installation of water-source heat pumps and all associated components, parts, and accessories which make up the installation shall be in accordance with the regulations of ALL authorities having jurisdiction and MUST conform to all applicable codes. It is the responsibility of the installing contractor to determine and comply with ALL applicable codes and regulations.

**WARNING**

Only auxiliary electric heaters approved by the manufacturer shall be installed in connecting ductwork. The installation of any other auxiliary devices is beyond the manufacturer’s responsibility.

**CAUTION**

CUT HAZARD - Failure to follow this caution may result in personal injury. Sheet metal parts may have sharp edges or burrs. Use care and wear appropriate protective clothing, safety glasses and gloves when handling parts and servicing heat pumps.

Models:  
HGM/L  
04-20kW

## Model Nomenclature

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  
| H | G | M | 1 | 2 | A | C | G |

**MODEL**  
HG

**CABINET SIZE**  
M = Medium  
L = Large

**kW SIZE**

kW	Number of Elements	Cabinet Size		
		Small	Medium	Large
04	1	NO	YES	NO
05	1	NO	YES	NO
08	2	NO	YES	NO
10	2	NO	YES	YES
12	3	NO	YES	NO
15	3	NO	NO	YES
20	4	NO	NO	YES

**VOLTAGE**  
G = 208/230-1-60

**REVISION LEVEL**  
C = Available for R-410A and R-454B Products

**ELECTRIC HEAT TYPE**

Electric Heat Option	Powers Air Handler Motor	kW	Power Distr Block	Circuit Breaker
A	NO	04-10	YES	NO
		12-20	NO	YES
C	YES	04-10	NO	YES
		12-20		

# Installation

Models:  
HGM/L  
04-20kW

## INTERNAL INSTALLATION – VERTICAL SYSTEMS

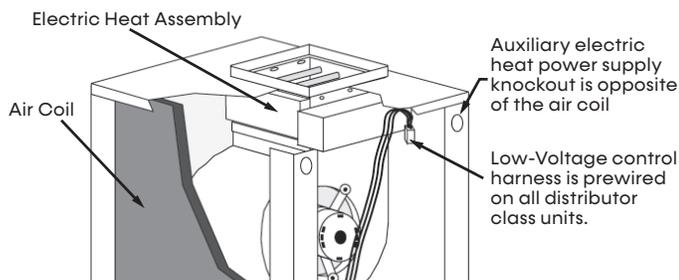
Use the following instruction for HG series installation on vertical ME and HZ systems. These instructions should also be used for installation on all orientations of WDG systems.

1. Disconnect power to the unit.
2. Remove the blower access panel(s) from the unit. From the electric heater, remove the control box and element covers.
3. Remove the blower mounting bolts and drop blower assembly as shown in the **Blower Removal** figure. Removal of electrical wiring should not be necessary.
4. Position the electric heater as illustrated in the **Mounting and Blower Reinstallation** figure with its control box facing the front access panel of the unit. Attach the heater to the unit using the support pins on the back and bolts on the front.

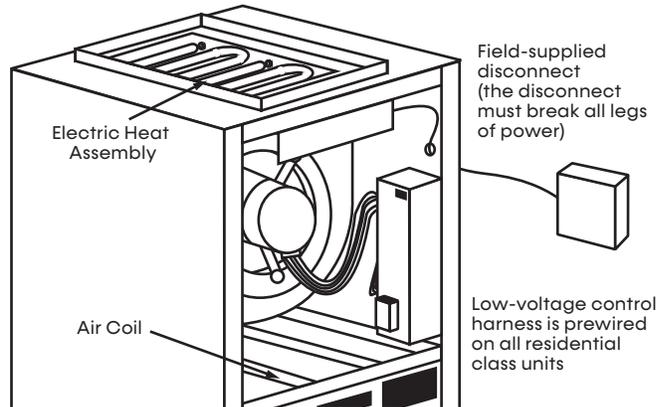
**NOTE: The electric heater air inlet dimensions must match the unit air outlet. The installer should refer to the HG Compatibility table or consult the factory if they do not match.**

5. Re-install the blower assembly on to electric heater using pins and bolts as before. Check the blower's electrical wiring for proper connection and remedy any pinched wire(s) or contact with sharp edges.
6. Route the low-voltage control harness through one of the 'pie' bushings in the heater control box and plug on to the P1 connector.
7. Install the power conduit through the unit cabinet as shown in the **External Assembly Installation** figure and attach directly to the electric heater control box. See the **Power Wiring** figures.
8. Replace all covers and panels. Electric heater installation is complete. Proceed to wiring and setup.

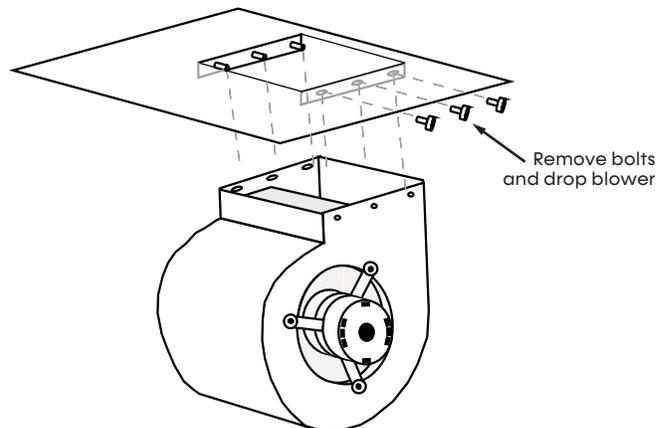
**Figure 1: Typical Vertical Installation**



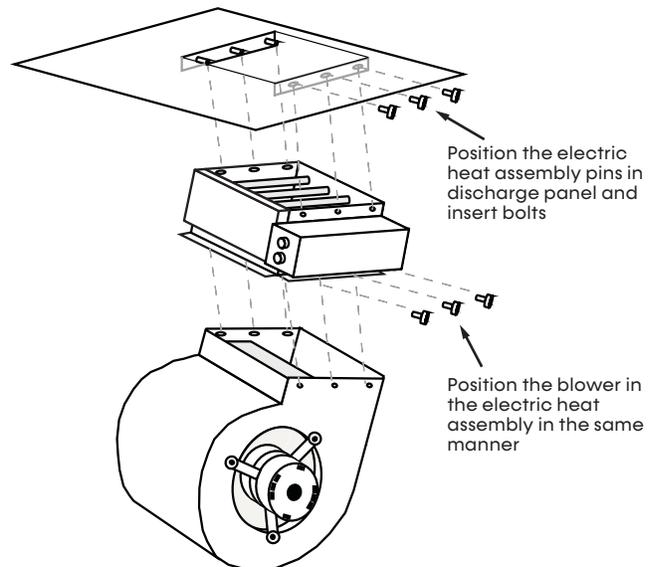
**Figure 2: Typical Air Handler Installation**



**Figure 3: Blower Removal**



**Figure 4: Mounting and Blower Reinstallation**



EXTERNAL INSTALLATION - VERTICAL SYSTEMS

Use the following instructions for HG Series installation on vertical MZ and HE systems.

1. Disconnect power to the unit.
2. Remove the blower access panel(s) from the unit. From the electric heater, remove the control box and element covers.
3. Locate, remove, and discard blower discharge flanges from the unit but **save the screws**. If this is a new installation, flanges are packaged inside the blower compartment of vertical upflow units.

**NOTE: MZ and HE sizes 036-042 vertical units require a transition bracket between the cabinet top and the electric heater. The transition bracket is ordered separately. See table, MZ and HE Mounting Brackets for bracket compatibility.**

4. Position the electric heater as illustrated in **Internal Assembly Installation** figure. The heater’s control box should be facing the front access panel of vertical units.

**NOTE: The electric heater air inlet dimensions must match the unit air outlet. The installer should refer to Table 1 or consult the factory if they do not match.**

5. Using the saved blower flange screws from step 3, attach the heater by its flanges to the unit panel. **Do not fasten the flange on control box side.**
6. Use field-supplied aluminum tape to seal all four heater flanges to the blower panel.
7. Locate and route the low-voltage control harness through the top panel knockout(s). Seal the penetration air tight. This harness is factory installed on all MZ and HE units and wire-tied to the fan housing.
8. Route the control harness through one of the ‘pie’ bushings in the heater control box and plug on to the P1 connector.
9. Install power conduit and attach directly to the electric heater control box. See the **Power Wiring** Figures.
10. Replace all covers and panels. Electric heater installation is complete. Proceed to wiring and setup.

Figure 5: Internal Assembly Installation

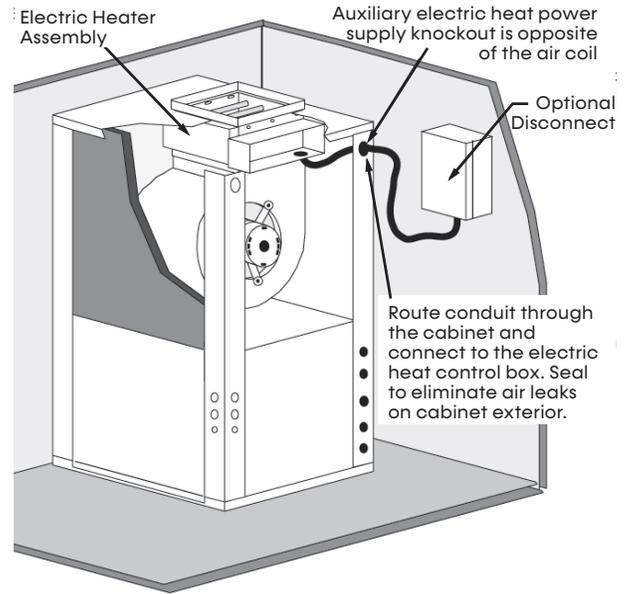
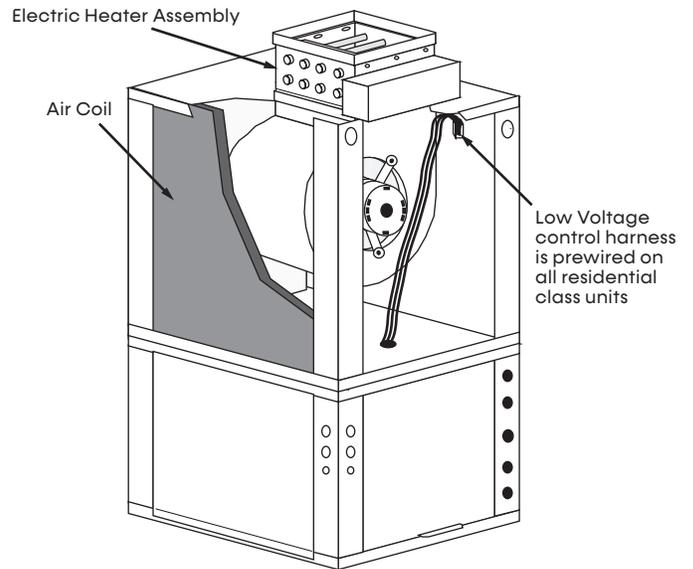


Figure 6: External Assembly Installation



## EXTERNAL INSTALLATION - HORIZONTAL

Use the following instructions for HG Series installation on horizontal ME, MZ, HZ, and HE systems.

1. Disconnect power to the unit.
2. Remove the blower access panel(s) from the unit. From the electric heater, remove the control box and element covers.
3. Remove and discard blower discharge flanges from the unit but **save the screws**.

**NOTE: All horizontal MZ and HE units require a transition bracket between the cabinet and electric heater. The transition bracket is ordered separately. See the MZ and HE Mounting Brackets table for bracket compatibility.**

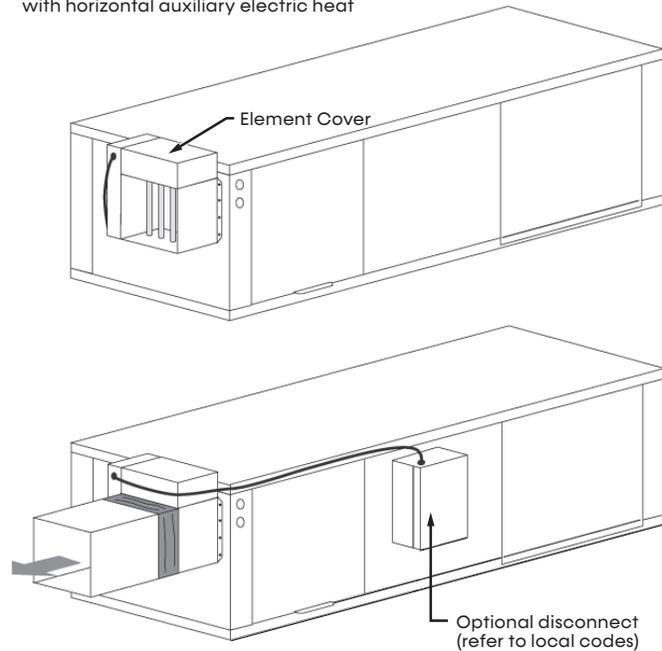
4. Position the electric heater as illustrated in **Typical Horizontal Installation** figure. Notice that the discharge air opening is off centered in the blower panel. The electric heater must be positioned so that its control box is located vertically over the wide side of this panel.

**NOTE: The electric heater air inlet dimensions must match the unit air outlet. The installer should stop and refer to the HG Compatibility table later in this document or consult the factory if they do not match.**

5. Using the saved blower flange screws from step 3, attach the heater by its flanges to the unit panel. **Do not fasten the flange on control box side.**
6. Use field-supplied aluminum tape to seal all four heater flanges to the blower panel.
7. Locate and route the low-voltage control harness through one of the unit corner post or blower panel knockout(s). Seal the penetration air tight. This harness is factory installed and wire-tied to the fan housing.
8. Route the control harness through one of the 'pie' bushings in the heater control box and plug on to the P1 connector.
9. Install power conduit and attach directly to the electric heater control box.
10. Replace all covers and panels. HG Series electric heater installation is complete. Proceed to wiring and setup.

**Figure 7: Typical Horizontal Installation**

Remove discharge flange and replace with horizontal auxiliary electric heat



Models:  
HGM/L  
04-20kW

## Wiring

### WIRING AND SETUP

1. Install power wiring and connect to the power block or circuit breakers. In 12, 15, or 20kW models, two power circuits may be used to reduce wiring and breaker costs as in the **Power Wiring - Dual Circuits - 12, 15, 20 kW** figure. If a single-circuit supply is desired, install the optional single-circuit accessory kit as shown in **Power Wiring - Single Circuit - 12, 15, 20 kW** figure. Purchase this accessory kit from your distributor.

Optional for MA/WDG: HG\*\*C kits only. Blower power may be supplied from T3 and T4 circuit breakers. Refer to wiring diagrams in the section, *Example Wiring Diagrams - Air Handlers*.

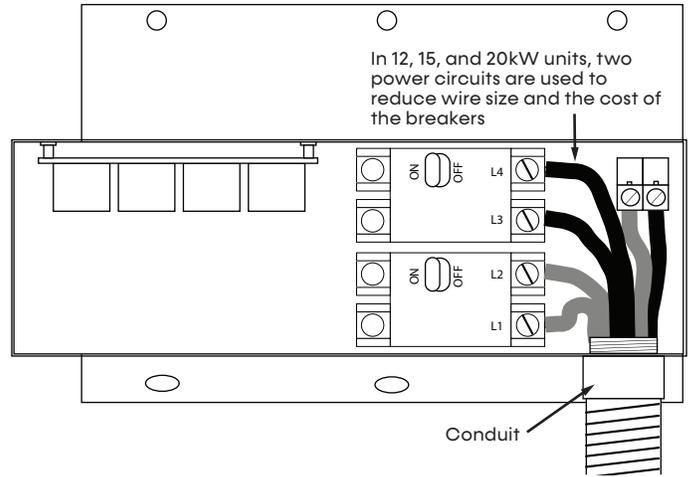
Ensure unit airflow setting is above minimum airflow rating for the electric heat model from Table 1.

2. Check heat staging for the application. The **Electrical Data - ME, MZ, HE, HZ, and HS** table shows the factory-default staging and the alternate field-selectable staging where applicable. Staging changes are made by dip-switch settings. See the **Staging Dip Switches (for HGM/L 4, 5, 8, and 10 kW)** figure. These are identified as either ER1, ER2, ER3 or ER4 depending on the heater size.
3. Mark the appropriate box of the electric heat model installed on the additional serial plate on the exterior of the unit.
4. Turn on the power to the unit and the auxiliary electric heat.

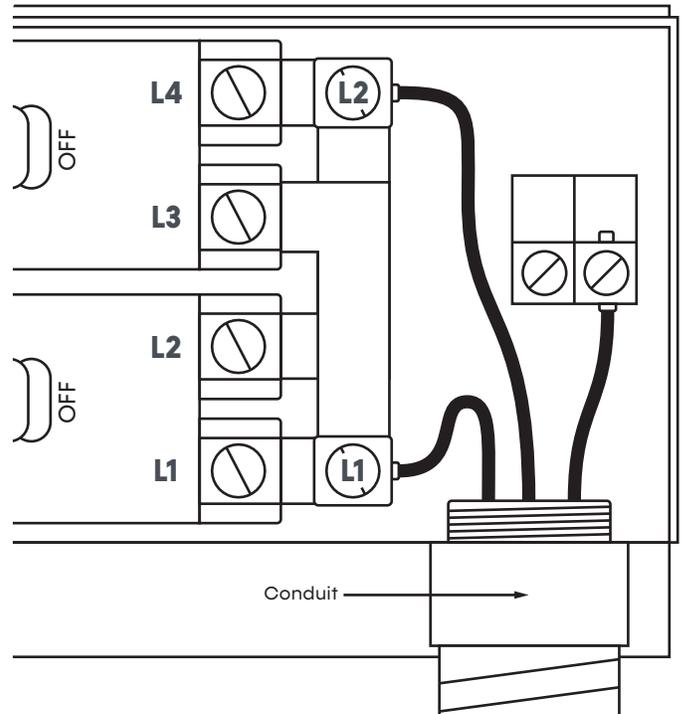
### AUXILIARY ELECTRIC HEAT STARTUP

Put the thermostat in emergency heat mode and increase the set point to engage the electric heater. If the thermostat is unavailable; jumper the thermostat input R to W. Stage 1 (EH1) will immediately be available in emergency heat mode. After running for 5 minutes continuously at EH1, Stage 2 (EH2) electric heat will engage. Verify proper electric heat operation.

**Figure 8: Power Wiring - Dual Circuits - 12, 15, 20 kW**



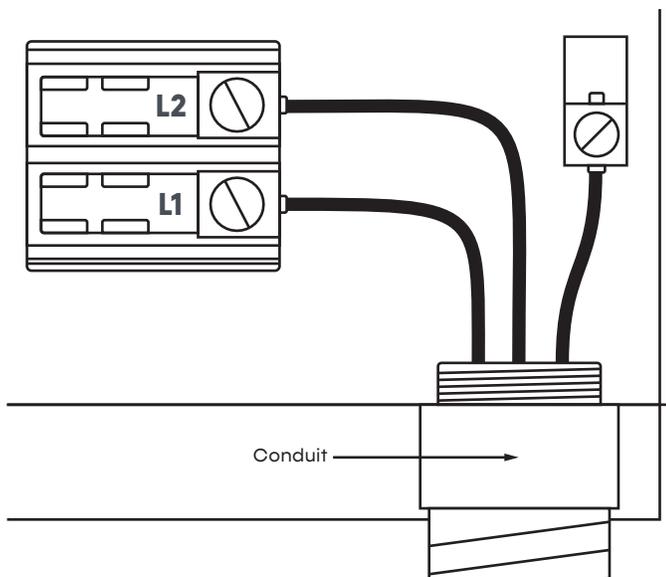
**Figure 9: Power Wiring - Single Circuit - 12, 15, 20 kW**



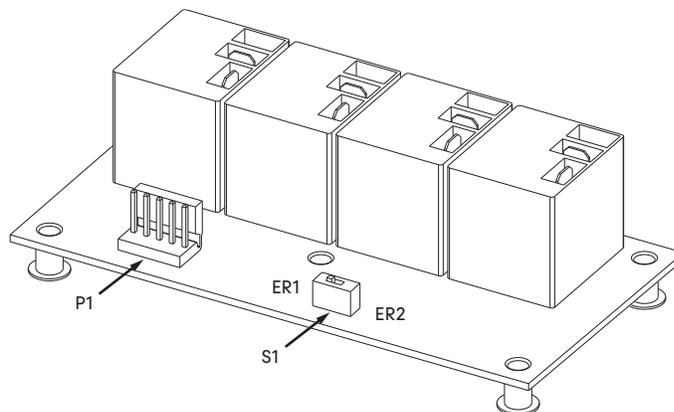
# Wiring

Models:  
HGM/L  
04-20kW

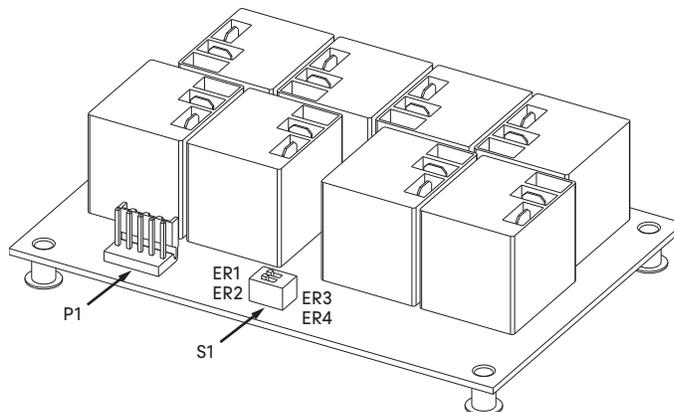
**Figure 10: Power Wiring - 4, 5, 8, and 10 kW**



**Figure 11: Staging Dip Switches (for HGM/L 4, 5, 8, and 10 kW)**



**Figure 12: Staging Dip Switches (for HGM/L 12, 15, and 20 kW)**



Models:  
HGM/L  
04-20kW

# Compatibility, Mounting Brackets, and Staging

**Table 1: HG Compatibility**

Auxiliary Electric Heat Model	ME and HZ Models			MZ and HE Models <sup>1</sup>			MA and WDG Models			kW Rating		Btuh Rating		Minimum CFM Required <sup>2</sup>	
	024-036	36	048-072	24	030-042	048-060	Auxiliary Electric Heat Model	24	36	048-060	208V	230V	208V		230V
HGM04ACG	•			•	•		HGM04CCG	•			2.8	3.5	9600	12000	500
HGM05ACG	•			•	•		HGM05CCG	•			3.6	4.4	12300	15000	500
HGM08ACG	•			•	•		HGM08CCG	•			5.7	7.0	19400	24000	650
HGM10ACG	•			•	•		HGM10CCG	•			7.2	8.8	24600	30000	650
HGM12ACG					•						8.5	10.4	29000	35400	750
HGL10ACG		•	•			•	HGL10CCG		•	•	7.2	8.8	24600	30000	1300
HGL15ACG		•	•			•	HGL15CCG		•	•	10.8	13.2	36900	45000	1350
HGL20ACG			•			•	HGL20CCG			•	14.4	17.6	49100	60000	1350

Notes:

- Auxiliary Electric Heaters used with MZ and HE models may require an additional bracket for proper installation. Consult MZ and HE Mounting Brackets Table.
  - Absolute minimum CFM for this heater size. Minimum unit CFM may differ. Check product catalog for more information.
- Denotes compatibility

**Table 2: MZ and HE Mounting Brackets**

Configuration	Size		
	024-030	036-042	048-060
Vertical		S18S0010N20	
Horizontal	S18S0010N11	S18S0010N15	S18S0010N25

**Table 3: HG Series Electric Heaters - Staging Options**

Heater Model	Staging	Factory Setting			Alternate Setting		
	kW	Dip Position	Stage 1 kW	Stage 2 kW	Dip Position	Stage 1 kW	Stage 2 kW
HGM04ACG	4	ER1	4				
HGM05ACG	5	ER1	5				
HGM08ACG	4 or 8	ER1	4	4	ER2	8	
HGM10ACG, HGL10ACG	5 or 10	ER1	5	5	ER2	10	
HGM12ACG	4, 8, or 12	ER1, ER4	4	8	ER3, ER4	8	4
HGL15ACG	5,10 or 15	ER1, ER4	5	10	ER3, ER2	10	5
HGL20ACG	10 or 20	ER3, ER4	10	10			

# Electrical Data

Models:  
HGM/L  
04-20kW

**Table 4: HG Series Electric Heaters - Electrical Data - ME, MZ, HZ, and HE**

Auxiliary Electric Heat Model	Supply Circuit	Heater Amps		Minimum Circuit Amps		Maximum Fuse/Breaker Size	
		208V	230V	208V	230V	208V	230V
HG*04ACG	Single	13.7	15.1	17.1	18.9	20	20
HG*05ACG	Single	17.3	19.2	21.6	24.0	25	25
HG*08ACG	Single	27.4	30.3	34.3	37.9	35	40
HG*10ACG	Single	34.7	38.3	43.4	47.9	45	50
HG*12ACG	Single	41.1	45.4	51.4	56.8	60	60
	Dual - L1/L2	27.4	30.3	34.3	37.9	35	40
	Dual - L3/L4	13.7	15.1	17.1	18.9	20	20
HG*15ACG	Single	52.0	57.5	65.0	71.9	70	80
	Dual - L1/L2	34.7	38.3	43.4	47.9	45	50
	Dual - L3/L4	17.3	19.2	21.6	24.0	25	25
HG*20ACG	Single	69.3	76.6	86.6	95.8	90	100
	Dual - L1/L2	34.7	38.3	43.4	47.9	45	50
	Dual - L3/L4	34.7	38.3	43.4	47.9	45	50

- Notes:
- All heaters rated single phase 208/230V 60Hz
  - All Fuses UL Class K general purpose
  - All models 12kW or larger feature internal circuit breakers

**Table 5: HG Series Electric Heaters - Electrical Data - MA and WDG**

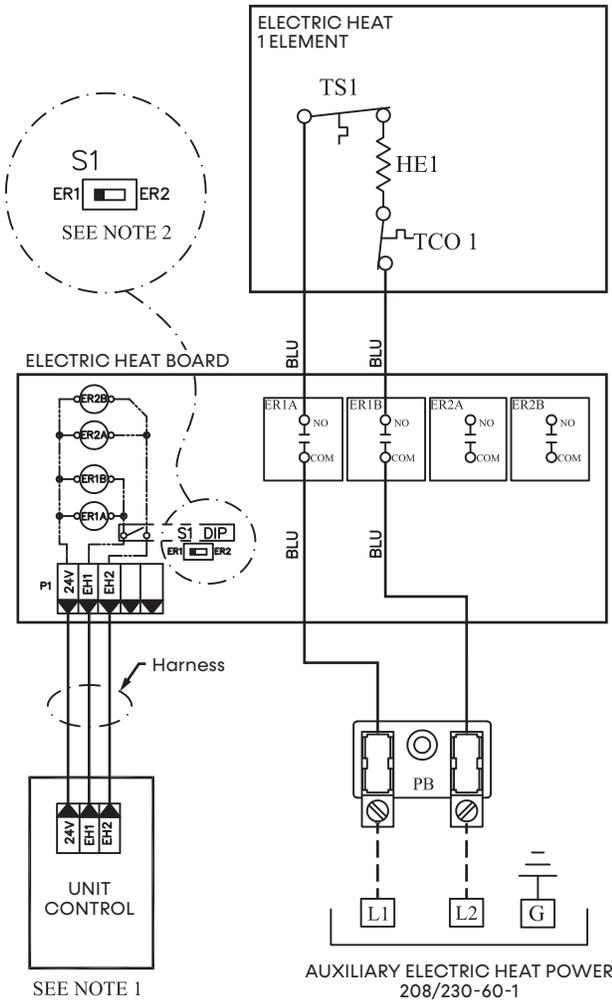
Unit Model	Head Kit Model	Supply Circuit	Heater Amps		Blower FLA	Minimum Circuit Amps		Maximum Fuse/Breaker Size	
			208V	230V		208V	230V	208V	230V
MA 024 WDG 024	HGM04CCG	Single	13.7	15.1	4.2	22.4	24.1	25	25
	HGM05CCG	Single	17.3	19.2	4.2	26.9	29.3	30	30
	HGM08CCG	Single	27.4	30.3	4.2	39.5	43.1	40	45
	HGM10CCG	Single	34.7	38.3	4.2	48.6	53.1	50	60
MA036 WDG 036	HGL10CCG	Single	34.7	38.3	4.2	48.6	53.1	50	60
	HGL15CCG	Single	52.0	57.5	4.2	70.3	77.1	80	80
		Dual- L1/L2	34.7	38.3		43.4	47.9	45	50
		Dual- L3/L4	17.3	19.2	4.2	26.9	29.3	30	30
MA 048-060 WDG 048-060	HGL10CCG	Single	34.7	38.3	7.5	52.8	57.3	60	60
	HGL15CCG	Single	52.0	57.5	7.5	74.4	81.3	80	90
		Dual- L1/L2	34.7	38.3		43.4	47.9	45	50
		Dual- L3/L4	17.3	19.2	7.5	31.0	33.4	35	35
	HGL20CCG	Single	69.3	76.6	7.5	96.0	105.1	100	110
		Dual- L1/L2	34.7	38.3		43.4	47.9	45	50
		Dual- L3/L4	34.7	38.3	7.5	52.8	57.3	60	60

- Notes:
- All heaters rated single phase 208/230V 60Hz
  - All Fuses UL Class K general purpose
  - All models feature internal circuit breakers

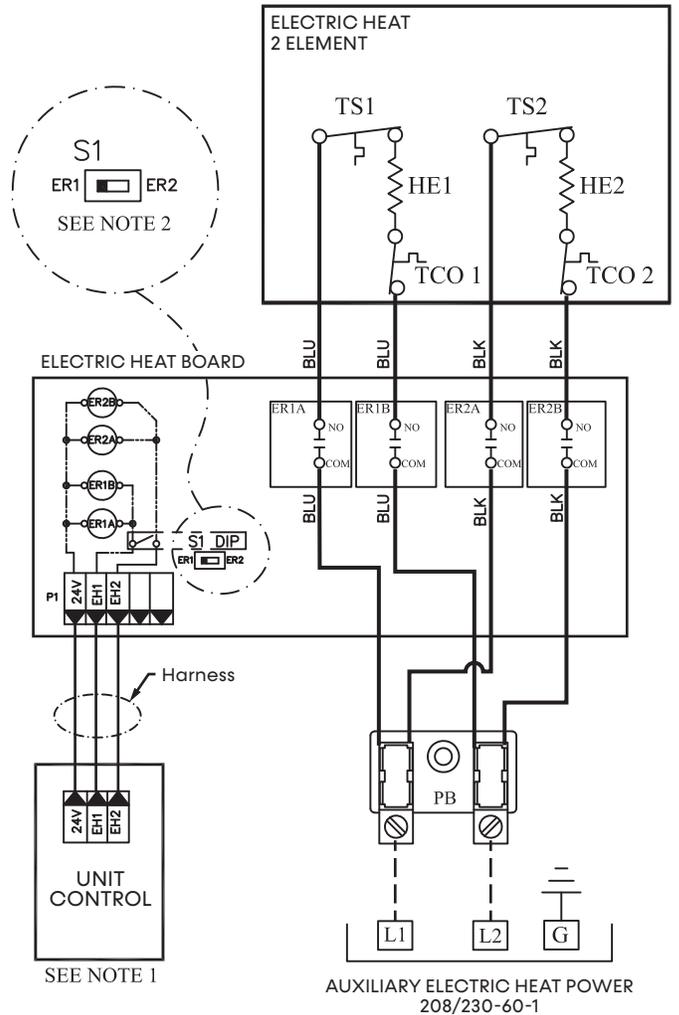
Models:  
HGM/L  
04-20kW

# Example Wiring Diagrams Packaged Units

## 4 and 5 kW - Single Element



## 8 and 10 kW - Two Element



### NOTES

1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

### NOTES

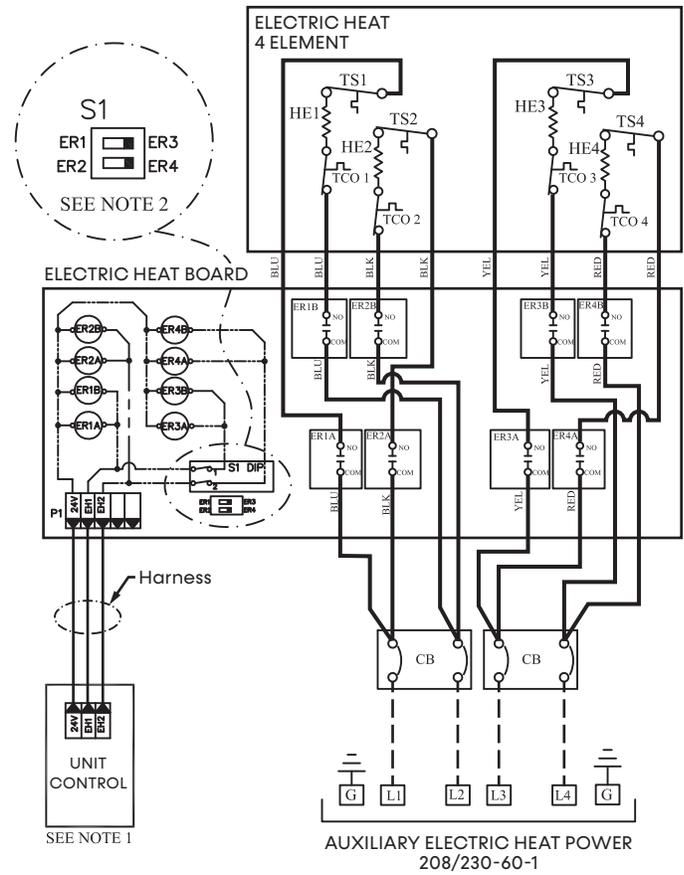
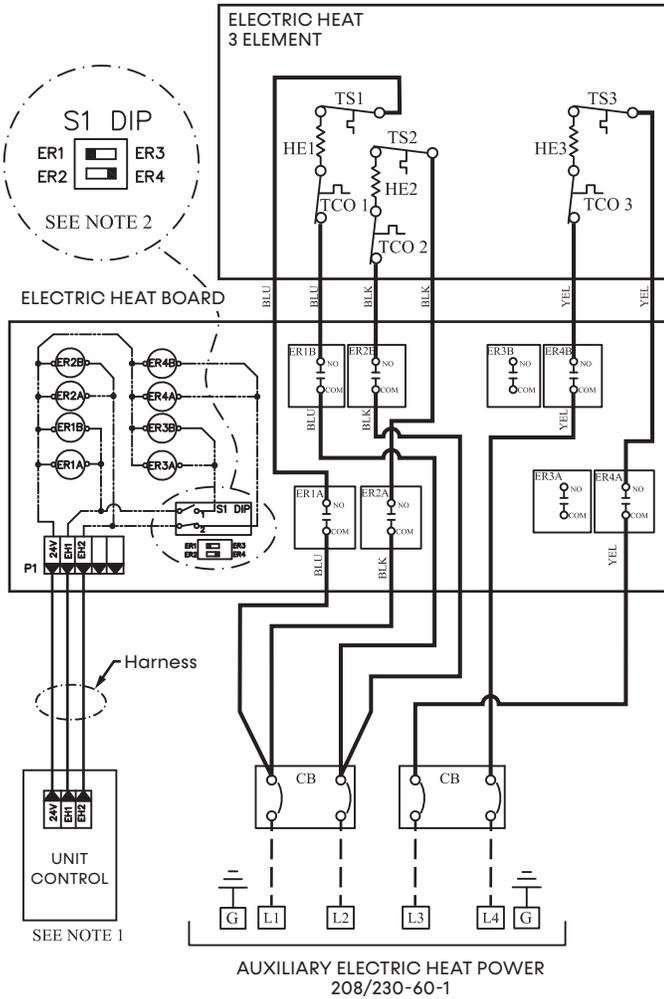
1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

# Example Wiring Diagrams Packaged Units

Models:  
HGM/L  
04-20kW

## 12 and 15 kW - Three Element

## 20 kW - Four Element



### NOTES

1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

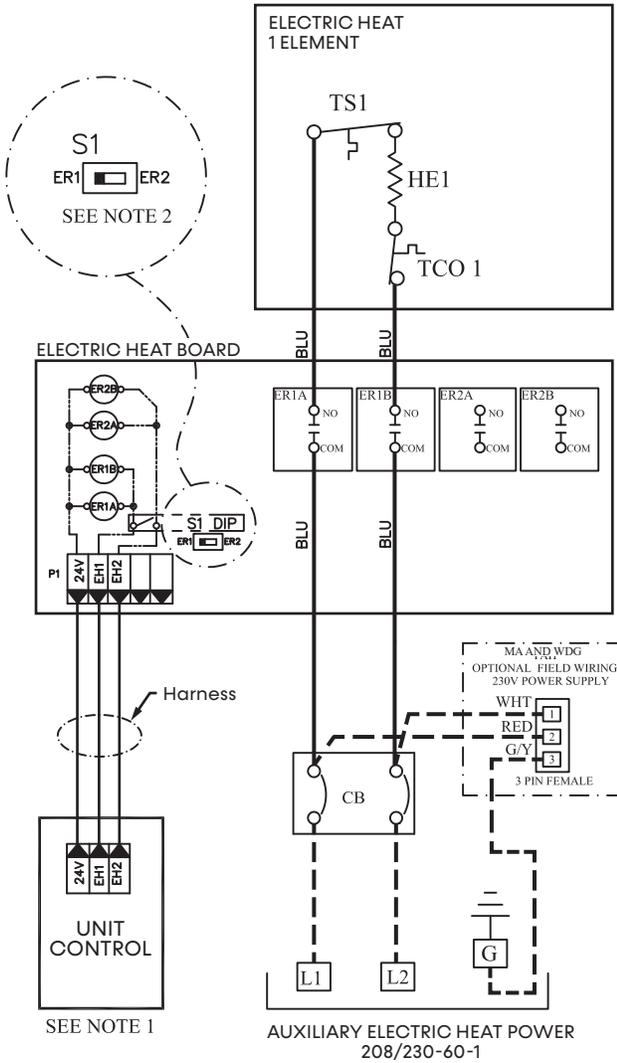
### NOTES

1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

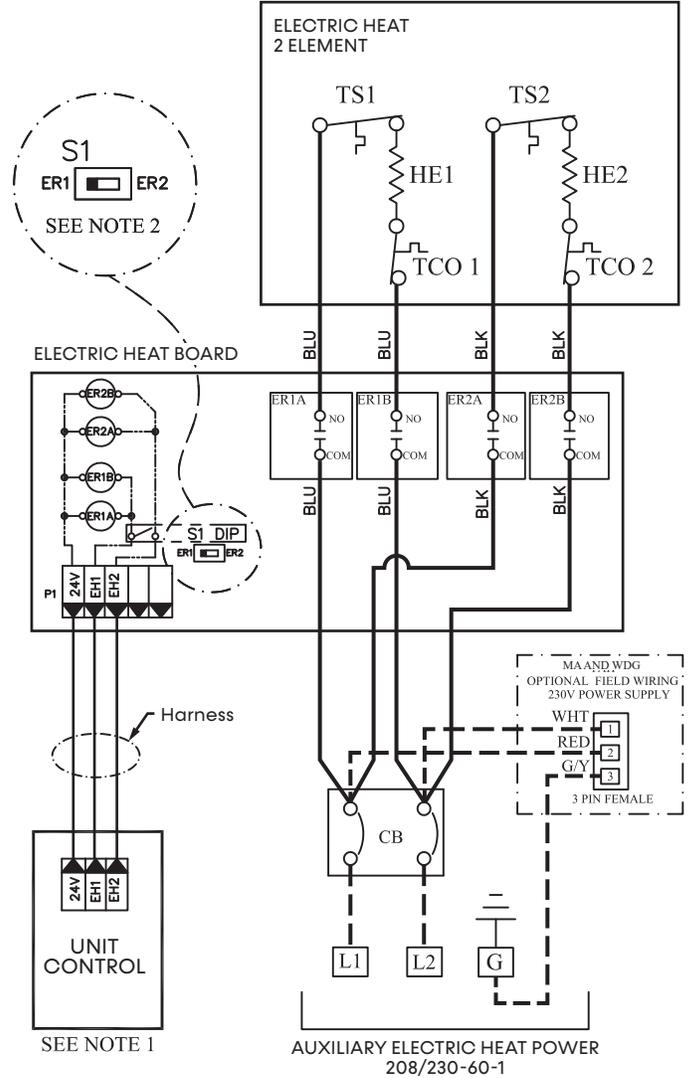
Models:  
HGM/L  
04-20kW

# Example Wiring Diagrams Air Handlers

## 4 and 5 kW - Single Element



## 8 and 10 kW - Two Element



### NOTES

1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

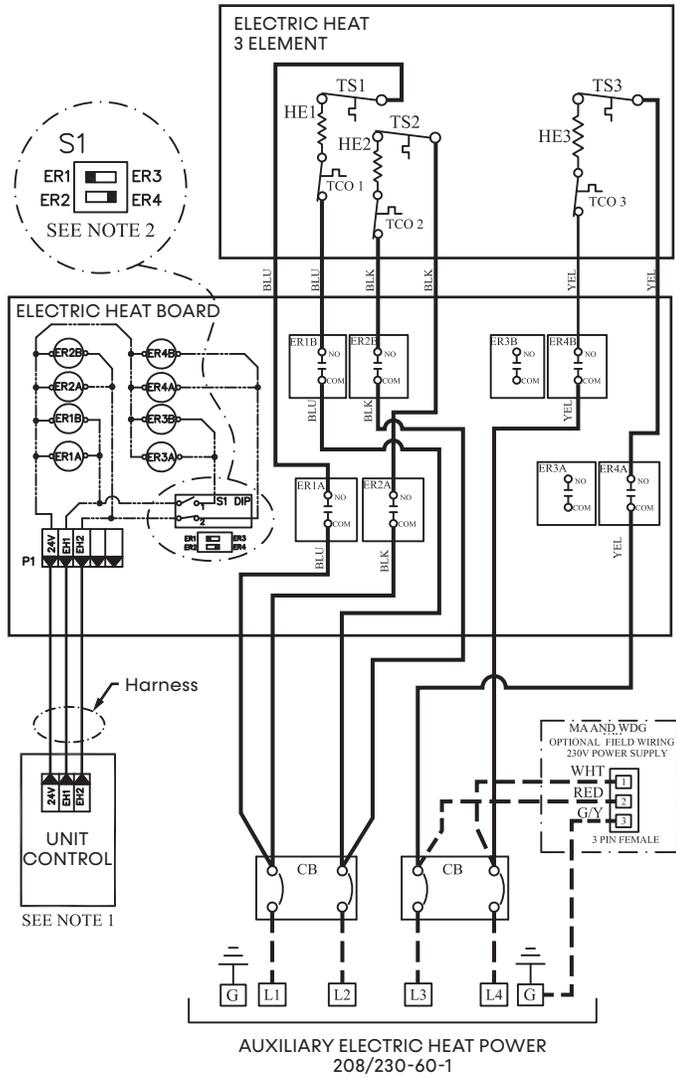
### NOTES

1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

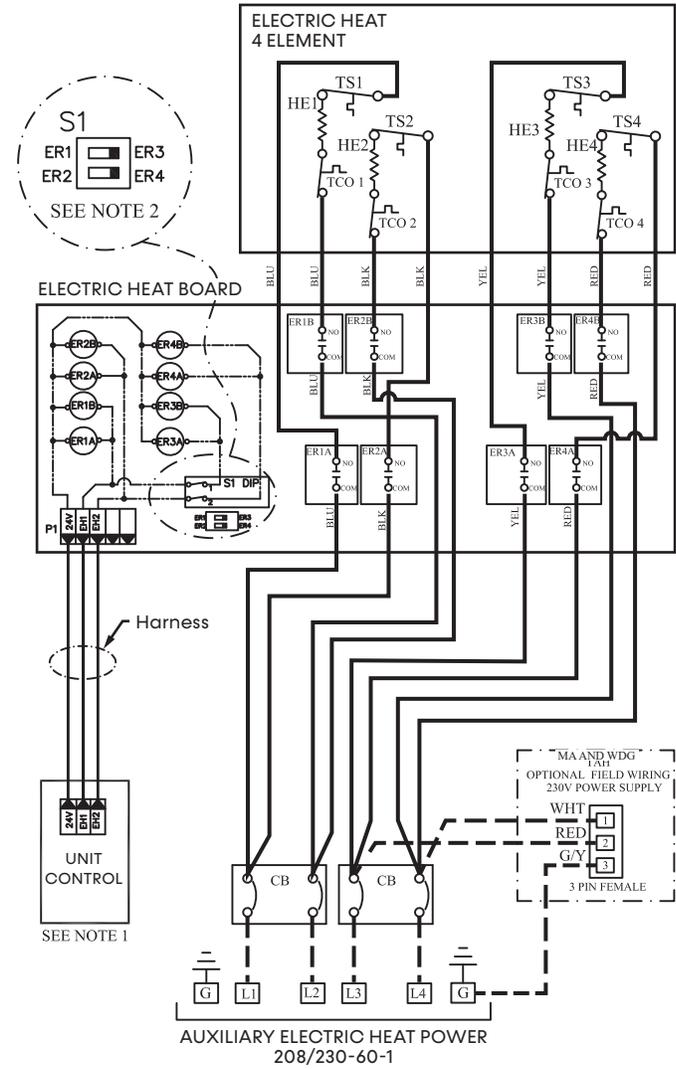
# Example Wiring Diagrams Air Handlers

Models:  
HGM/L  
04-20kW

## 12 and 15 kW - Three Element



## 20 kW - Four Element



**NOTES**

1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

**NOTES**

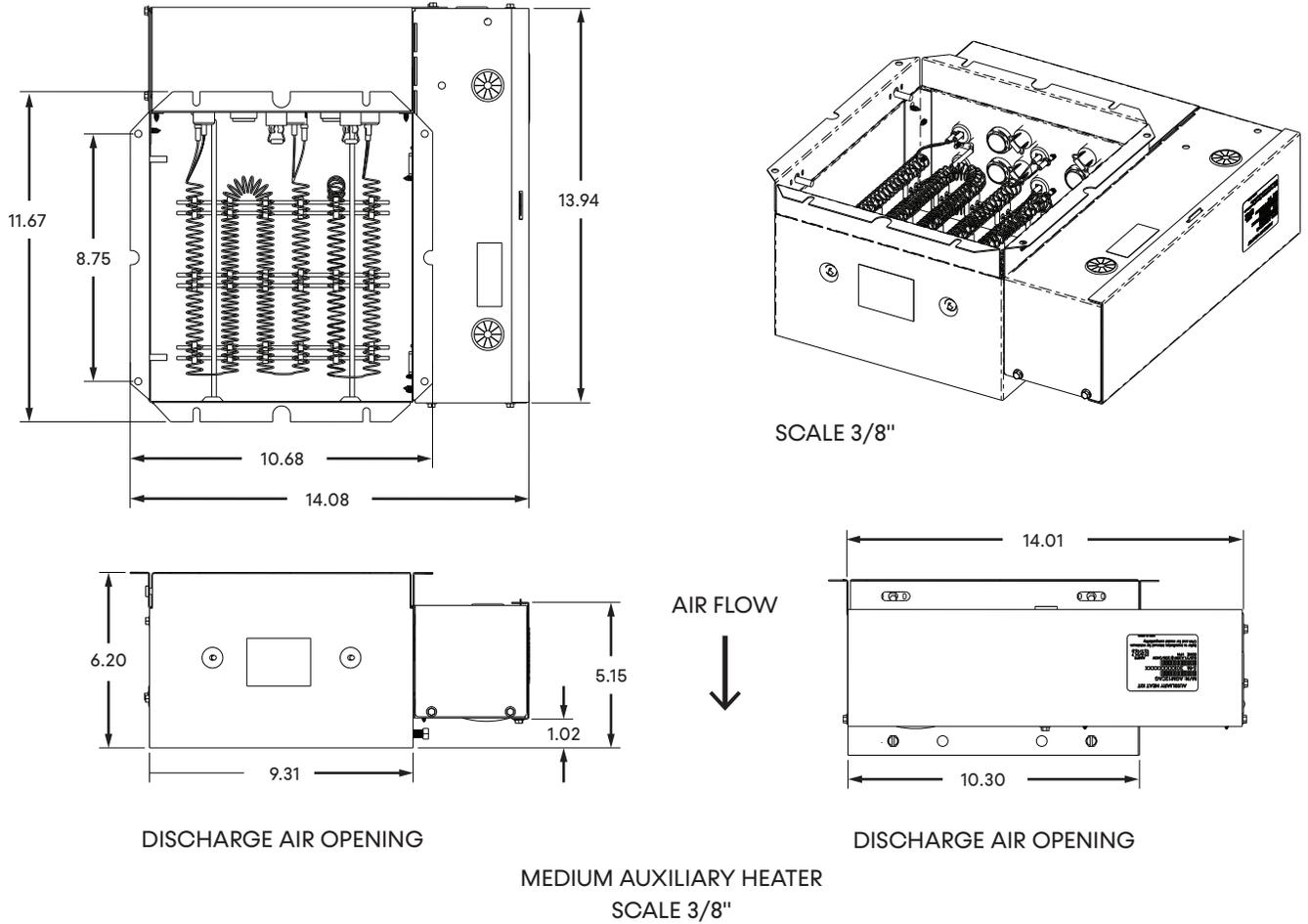
1. Field install Electric Heat harness to P1 connector.
2. Factory set dipswitch to ER1 for auxiliary staging options consult the **Staging Options** tables.

Models:  
HGM/L  
04-20kW

## Dimensions

The maximum recommended air velocity for a supply plenum is 900 FPM. When connecting a plenum to an external auxiliary heater, ensure that the air velocity in the plenum does not exceed 900 FPM. Noise and air distribution issues may occur if supply plenum velocities exceed 900 FPM.

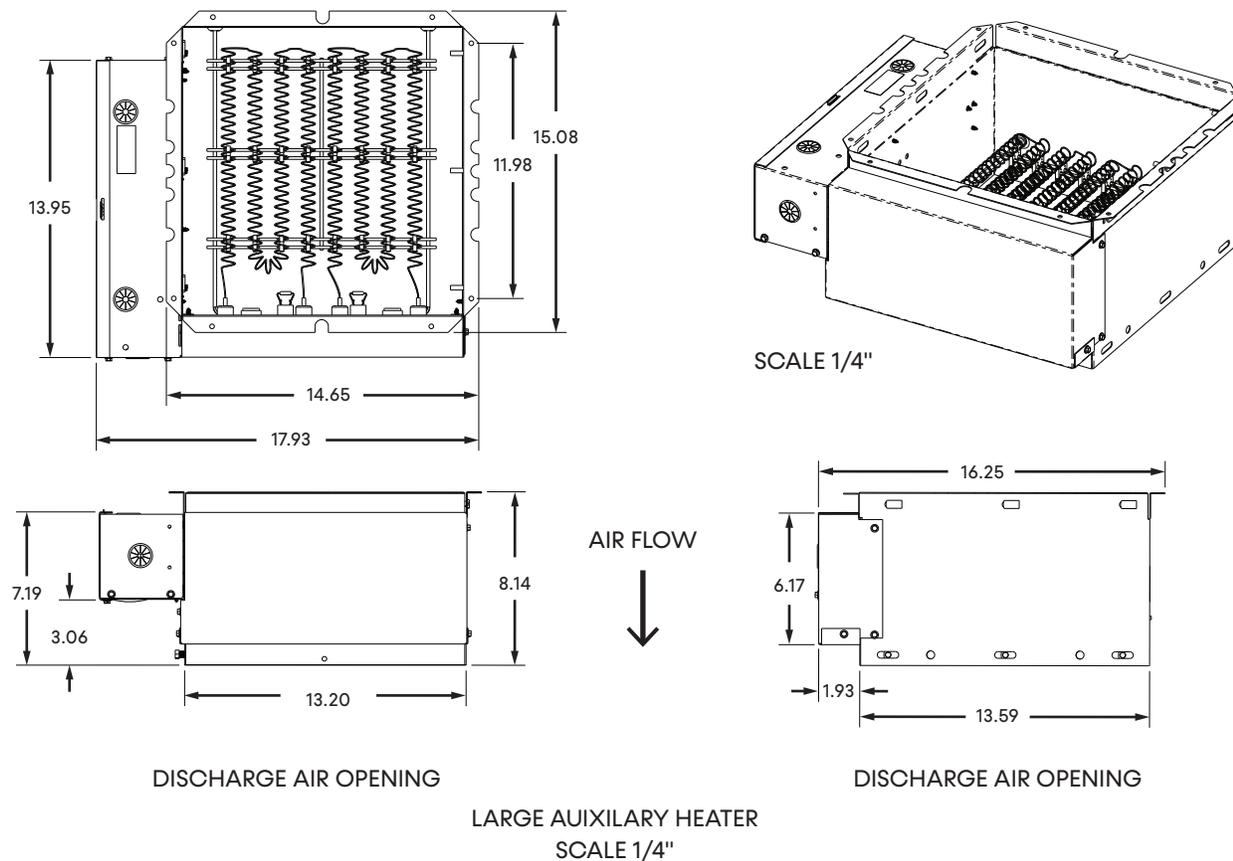
**Figure 13: Medium Auxiliary Heater - HGM Dimensions**



# Dimensions

Models:  
HGM/L  
04-20kW

**Figure 14: Large Auxiliary Heater - HGL Dimensions**



## Troubleshooting

### GENERAL TROUBLESHOOTING

If operational difficulties are encountered, perform the preliminary checks below before referring to the electric heat troubleshooting charts. Verify that the unit is receiving electrical supply power.

After completing the preliminary check described above, inspect for other obvious problems such as broken or disconnected wires, etc. If everything appears to be in order, but the electric heater still fails to operate properly, refer to the heat pump controller DXM2.6 or CXM2 Functional Troubleshooting Flow Chart or **Electric Heater Functional Troubleshooting** table.

### ELECTRIC HEAT OUTPUT

Electric heat outputs are 24 VDC ground sinking and require a voltmeter set for DC to verify operation. The terminal marked **24 VDC** is the 24 VDC supply to the electric heater board; terminal EH1 is stage-1 electric heat; terminal EH 2 is stage-2 electric heat. When electric heat is energized (the thermostat is sending a W input into the heat pump controller), there is 24 VDC between terminal 24 VDC and EH1 (stage-1 electric heat) and/or EH2 (stage-2 electric heat). A reading of 0 VDC between 24 VDC and EH1 or EH2 indicates that the heat pump control board is NOT sending output signal to the electric heat board. The heat pump control board troubleshooting is best summarized as verifying inputs and outputs. After inputs and outputs are verified and board operation is confirmed, the problem must be elsewhere. For additional troubleshooting, see the **Electric Heater Functional Troubleshooting** table.

# Troubleshooting

Models:  
HGM/L  
04-20kW

## ELECTRICAL HEAT FUNCTIONAL TROUBLESHOOTING TABLE

The Electric Heater Functional Flow table is a comprehensive method for identifying several malfunctions that may occur and is not limited to just the Electric Heater control board. Refer heat pump controller troubleshooting guide for additional functional troubleshooting.

**Table 6: Electric Heater Functional Flow**

Fault	Possible Cause	Solution
No Electric Heat	Main power problems	<ul style="list-style-type: none"> <li>• Check line voltage and disconnect.</li> </ul>
	Fan not activated	<ul style="list-style-type: none"> <li>• Check jumper G and R for fan operation. Check for line voltage across blower relay contacts.</li> <li>• Check fan power. Enable relay operation (if present).</li> </ul>
	Resettable Limit Switch tripped	<ul style="list-style-type: none"> <li>• Check fan power. The fan must be on before the heater turns on.</li> <li>• Check for obstructions to airflow.</li> <li>• Check the electric heater for minimum airflow requirements. The duct must have sufficient airflow.</li> </ul>
	One shot thermal cutout tripped	<ul style="list-style-type: none"> <li>• Check fan power. The fan must be on before the heater turns on.</li> <li>• Check for obstructions to airflow.</li> <li>• Check the electric heater for minimum airflow requirements. The duct must have sufficient airflow.</li> <li>• Verify Resettable Limit Switch operation</li> </ul>
Low Output	Heating element burned out	<ul style="list-style-type: none"> <li>• Replace electric heater</li> </ul>
	Cycling on automatic thermal limit switch	<ul style="list-style-type: none"> <li>• Check fan power. The fan must be on before the heater turns on.</li> <li>• Check for obstructions to airflow.</li> <li>• Check the electric heater for minimum airflow requirements. The duct must have sufficient airflow.</li> </ul>
Overheating	Insufficient airflow	<ul style="list-style-type: none"> <li>• Check the electric heater for minimum airflow requirements. The duct must have sufficient airflow.</li> </ul>
	Uneven or partially-blocked airflow	
	High line voltage	<ul style="list-style-type: none"> <li>• Check nameplate and voltage (nameplate and voltage should match).</li> </ul>
Terminals Overheating	Loose connections	<ul style="list-style-type: none"> <li>• Check for signs of terminal and wiring overheating. Tighten and repair as required.</li> </ul>
	Improperly sized wire	<ul style="list-style-type: none"> <li>• All incoming wiring should be sized in accordance with the NEC and local codes.</li> </ul>
	High voltage	<ul style="list-style-type: none"> <li>• Check nameplate and voltage (nameplate and voltage should match).</li> </ul>

Models:  
HGM/L  
04-20kW

## Revision History

Date	Section	Description
NEXT	All	Updated controller compatibility to DXM2.6
08/18/25	Model Nomenclature	Updated kW compatibility per cabinet size
	Wiring	Updated dual-circuit wiring compatibility
	Compatibility, Mounting Brackets, and Staging	Updated header rows and added a note to clarify minimum CFM requirements
	Electrical Data	Updated Table 4 and Table 5
07/16/25	Model Nomenclature	Updated Electric Heat Type table with new Power Distribution Block Circuit Breaker inclusion and exclusion.
06/04/25	First published	



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Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

Engineered and assembled in the USA.

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