PRODIRECT™ Series Heat Kit

Installation & Owner's Manual

MODELS:

HHK-05
HHK-08
HHK-10
HHK-15
HHK-20

Read this manual carefully before installation and keep it where the operator can easily find it for future reference.

Due to updates and constantly improving performance, the information and instructions within this manual are subject to change without notice.

Version Date: 10/21/2024
Please visit www.mrcool.com/documentation to ensure you have the latest version of this manual.

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CONTENTS

1 SAFETY 1
2 INSTALLATION 2
3 ELECTRICAL SPECIFICATIONS 4

Safety Precautions

Read Before Using

Incorrect usage may cause serious damage or injury.

The symbols below are used throughout this manual to indicate instructions that should be followed closely or actions that should be avoided to prevent death, injury, and/or property damage.

WARNING	Indicates a medium level of risk which, if not avoided, may result in death or serious injury.
CAUTION	Indicates a low degree of risk which, if not avoided, may result in minor or moderate injury.
NOTICE	Indicates important information but not danger.

WARNING

If this appliance is installed in an enclosed area such as a garage or utility room with any carbon monoxide-producing appliance, ensure the area is properly ventilated.

CAUTION

- Prior to installation, thoroughly familiarize yourself with this manual. Observe all safety warnings. Observe caution during installation or repair. It is the installer's responsibility to install the product safely and educate the homeowner on its safe use.
- Ensure that all power is disconnected prior to attempting installation of the heat kit. There may be more than one disconnect servicing the unit.
- A means of strain relief and conductor protection must be provided at the supply wire entrance into the cabinet.
- Use copper conductors only.
- Installation must follow national electric codes and other applicable codes.

Model Size Selection

Model	Description	ECM Air Handler Units	PSC Air Handler Units
5kW	5kW Heat Kit	HAH024FEA HAH036FEA HAH060FEA	HAH018FPA HAH024FPA HAH036FPA HAH048FPA HAH060FPA
8kW	7.5kW Heat Kit	HAH024FEA HAH036FEA HAH060FEA	HAH018FPA HAH024FPA HAH036FPA HAH048FPA HAH060FPA
10kW	10kW Heat Kit	HAH024FEA HAH036FEA HAH060FEA	HAH018FPA HAH024FPA HAH036FPA HAH048FPA HAH060FPA
15kW	15kW Heat Kit	HAH036FEA HAH060FEA	HAH036FPA HAH048FPA HAH060FPA
20kW	20kW Heat Kit	HAH036FEA HAH060FEA	HAH036FPA HAH048FPA HAH060FPA

Step 1:
Remove the upper access panel from the air handler.



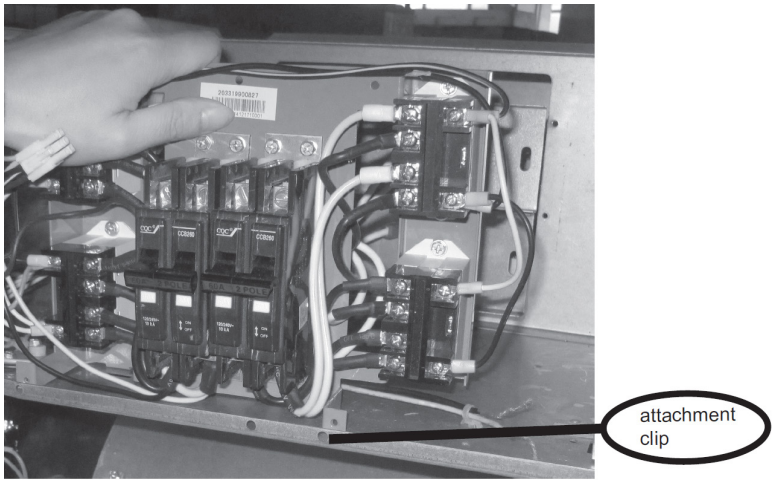
Step 2:
Remove the cover plate from the air handler.



Step 3:
Slide the heater kit into the slot and secure the element plate with previously removed screws.

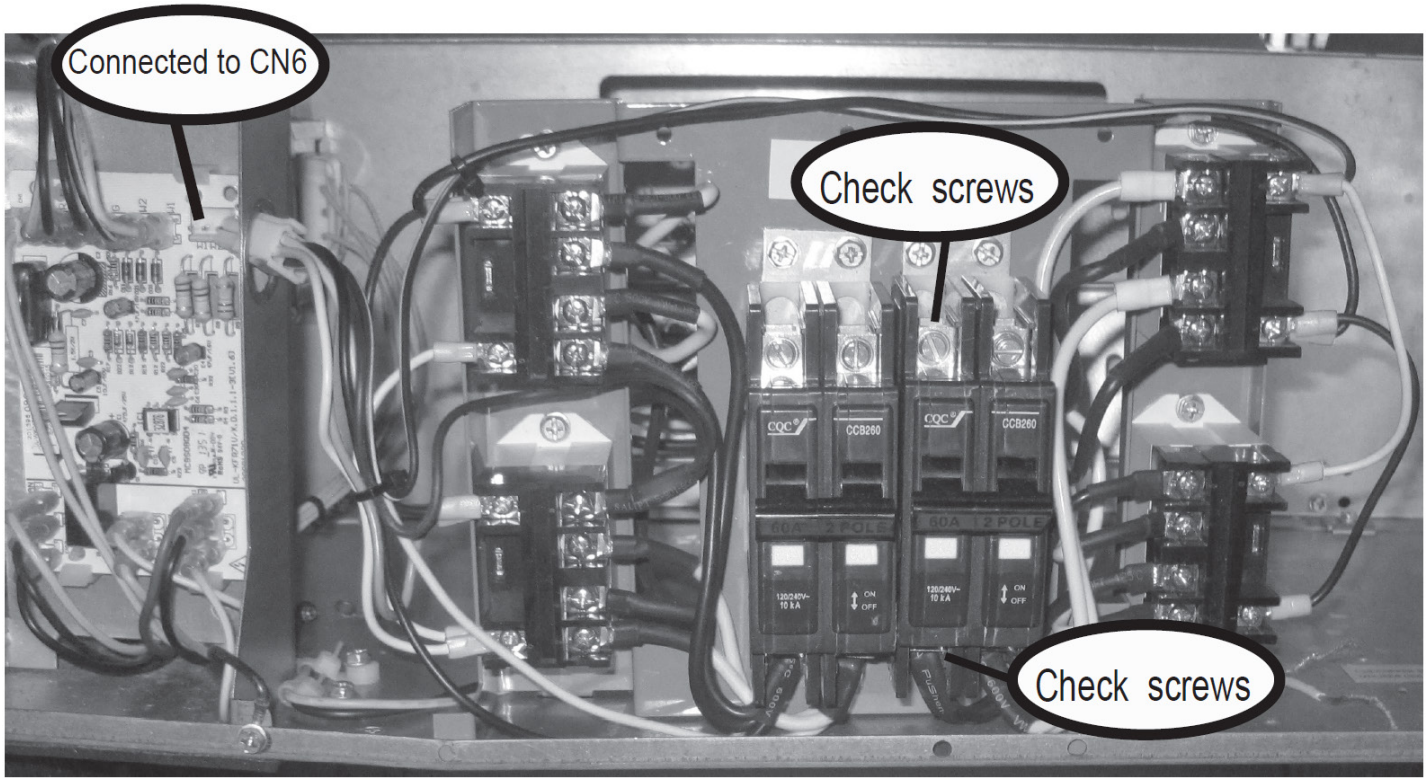


Step 4:
Align the attachment clip with the hole and fasten the loose wires with a wire tie.



Step 5:

Install the circuit breaker onto the mounting rail, then knock out the appropriate area of the plastic circuit breaker cover on the access panel of the air handler.



WARNING: FIRE & ELECTRICAL SHOCK HAZARD

After connecting all wires, check the tightness of all screws on the breaker. Failure to do so will result in breaker malfunction, fire, death, personal injury and/or property damage.

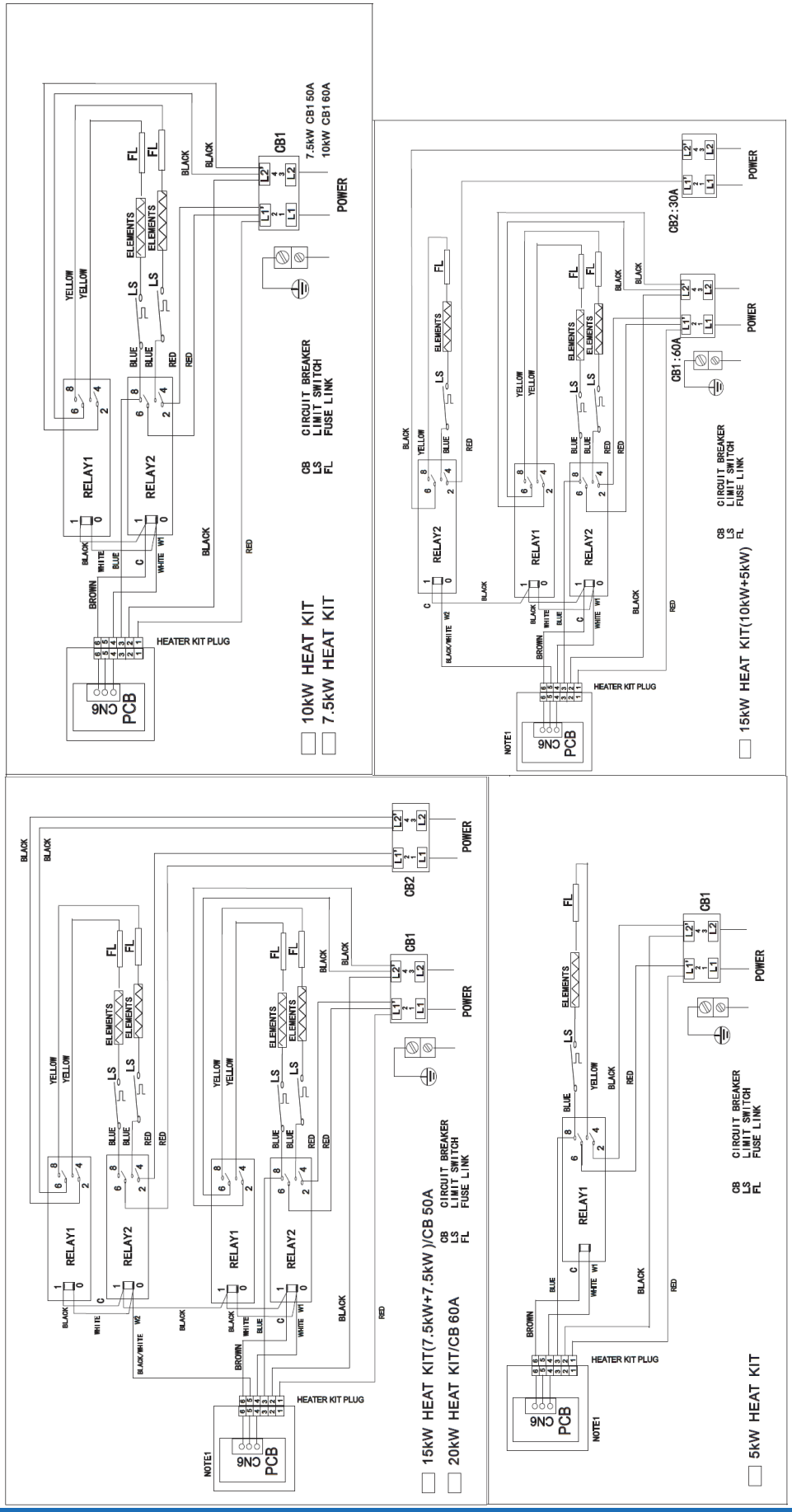
NOTICE

- When the indoor control board receives W1/W2 signal, the electric heater will be energizes and the indoor blower will turn on.
- When W1/W2 signal is off, the indoor blower will be turned off after a 90-second delay.
- The blower motor runs when "G" is energized, and a 90s off delay when "G" is de-energized.

MCA/MOP Data

Heat Kit Model	Air Handler Model	Heat Kit (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity		Fan Speed (AC/HP)		
			240	208	240	208	Low	Medium	High
HHK-05	HAH018FPA	5	26	23	30	25	•	•	•
HHK-08		7.5	39	34	45	40	--	•	•
HHK-10		10	52	45	60	50	--	--	•
HHK-05	HAH024FEA	5	26	23	30	25	•	•	•
HHK-08		7.5	39	34	45	40	•	•	•
HHK-10		10	52	45	60	50	--	•	•
HHK-05	HAH024FPA	5	26	23	30	25	•	•	•
HHK-08		7.5	39	34	45	40	•	•	•
HHK-10		10	52	45	60	50	--	•	•
HHK-05	HAH036FPA HAH036FEA	5	26	23	30	25	•	•	•
HHK-08		7.5	39	34	45	40	•	•	•
HHK-10		10	52	45	60	50	•	•	•
HHK-15		15	78	68	90	80	--	•	•
HHK-20		20	104	90	110	100	--	--	•
HHK-05	HAH048FPA	5	26	23	30	25	•	•	•
HHK-08		7.5	39	34	45	40	•	•	•
HHK-10		10	52	45	60	50	•	•	•
HHK-15		15	78	68	90	80	--	•	•
HHK-20		20	104	90	110	100	--	•	•
HHK-05	HAH060FPA HAH060FEA	5	26	23	30	25	•	•	•
HHK-08		7.5	39	34	45	40	•	•	•
HHK-10		10	52	45	60	50	•	•	•
HHK-15		15	78	68	90	80	--	•	•
HHK-20		20	104	90	110	100	--	•	•

Wiring Diagrams





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Consult with the sales agency or manufacturer for details.