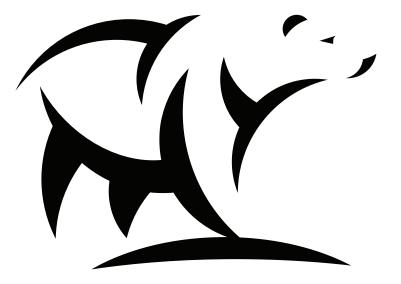
Installation & Owner's Manual





COMFORT MADE SIMPLE

Hyper-Heat Single-Zone 24K-60K Ducted Air Handler & Condenser

Due to updates and constantly improving performance, the information and instructions within this manual are subject to change without notice. Please visit www.mrcool.com/documentation to ensure you have the latest version of this manual.

Version Date: 06/27/23

Accessories Included with Heat Kit

PART	LOOKS LIKE	QUANTITY
Owner's and Installation Manual	Manual	1
Foam Gasket		1
Screws		7
Silicone Breaker Cover		1
Electric Auxiliary Heating Wiring Diagram		1
Air Switch/Circuit Breaker Label		1

NOTE

Installation of heat kit must be performed by an authorized dealer or specialist. Please make sure to wear protective gear and follow all necessary rules and regulations when installing the heat kit.

The heat kits available for the central ducted unit are to be only installed internally within the unit in accordance with the installation instructions on the following pages. The sizes available are 5kw, 8kw, 10kw, 15kw, & 20kw. Only certain capacities of the heat kits are compatible with each capacity of the air handler. **NOTE: If the incorrect capacity heat kit is used it could cause damage to your unit, property, and/or personal injury. Please use the table below to determine which heat kit capacities are compatible with the capacity of unit being installed and will best suit the needs of the application.**

AHU Capacity (BTU/hr)	MRCOOL Heat Kit Compatibility Chart Heat Kit Capacity (Kilowatts)						
	CENTRALHK05 (5kW)	CENTRALHK08 (8kW)	CENTRALHK10 (10kW)	CENTRALHK15 (15kW)	CENTRALHK20 (20kW)		
24K	Y	Y	Y	Y	/		
36K	Y	Y	Y	Y	Y		
48K	/	Y	Y	Y	Y		
60K	/	/	Y	Y	Y		

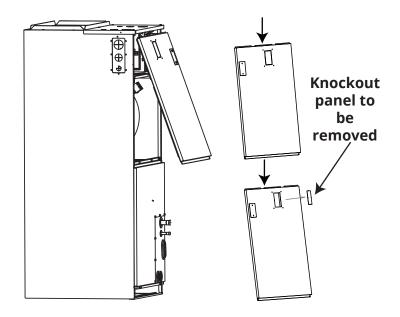
Installation Requirements

Before performing installation of the heat kit, ensure that the heat kit and accessories have not been damaged in shipping. If any damage is found, please contact the MRCOOL[®] tech department or your local dealer immediately. Also, confirm that all of the included accessories required for the installation are present and accounted for.

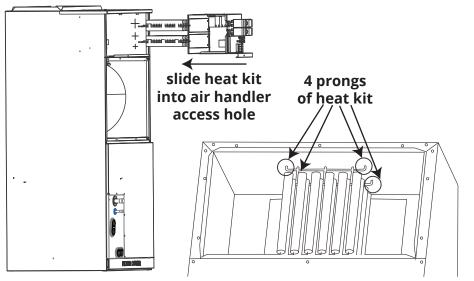
NOTE: Please check the table on the previous page and ensure the capacity of the heat kit you have is compatible with the capacity of the air handler being installed.

Heat Kit Installation Instructions

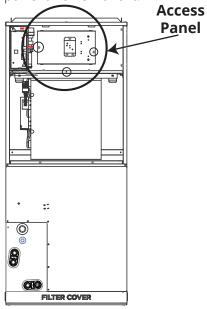
1. Remove the upper cover and use tools to completely remove the knockout panels from the cover.



Now, slide the electric heat kit into the access hole of
the air handler. There are four prongs on the front of
the heat kit, ensure these line up and lock into the
corresponding four support holes on the back of the cabinet.

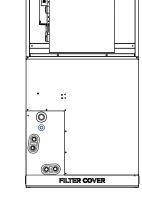


2. Remove the terminal block and power cord. Then, loosen the screws that are securing the access panel and remove it.



screws

4. Secure the heat kit in place with screws.

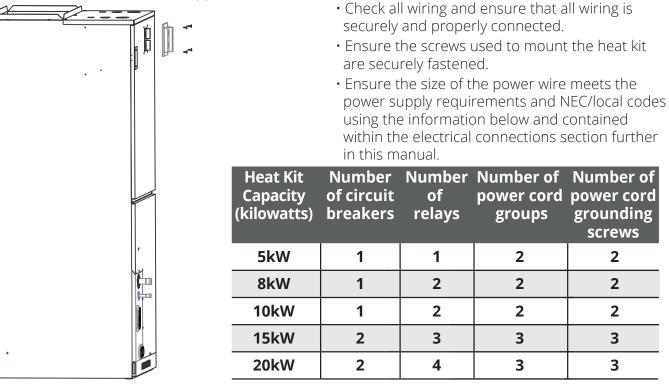


and heat kit.

Once the electric heat kit wiring is connected and the unit installation is completed, please perform

the following checks before powering on the unit

- 5. Complete wiring of heat kit according to the wiring nameplate.
- 6. Reinstall the upper cover of the air handler.
- 7. Install silicone breaker cover to the upper cover.



NOTE

- The heat kit wiring diagram is with the included accessories.
- Please attach or paste the wiring diagram to the inside cover once the installation is complete for future reference.
- After installing the heat kit, affix the air switch label near the upper cover air switch.

Heat Kit Electrical Data 208/230V

		Circuit 1				Circuit 2	2
Heat Kit Capacity (kilowatt)	Internal Circuit Protection	Heat Kit Amps	MCA (1)	МОСР (2)	Heat Kit Amps	MCA (1)	MOCP (2)
5kW	Ckt Bkr	18.0/20.0	23.0/27.0	25.0/30.0			
8kW	Ckt Bkr	28.8/32.0	37.0/42.0	40.0/45.0			
10kW	Ckt Bkr	36.1/40.0	46.0/53.0	50.0/60.0			
15kW	Ckt Bkr	18.0/20.0	23.0/27.0	25.0/30.0	36.1/40	46.0/53.0	50.0/60.0
20kW	Ckt Bkr	36.1/40.0	46.0/53.0	50.0/60.0	36.1/40	46.0/53.0	50.0/60.0

1. Minimum Circuit Ampacity (Heater Amps + Motor Amps) x 1.25

2. Maximum Overcurrent Protection = 2.25 x (Motor Amps + Heater Amps)

screws

2

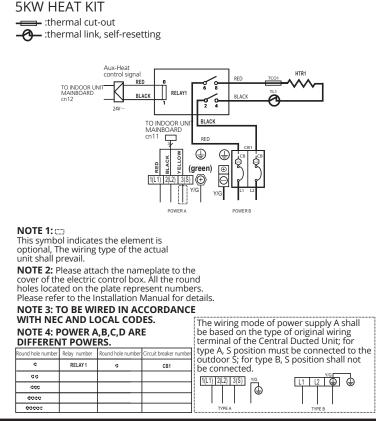
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2

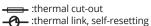
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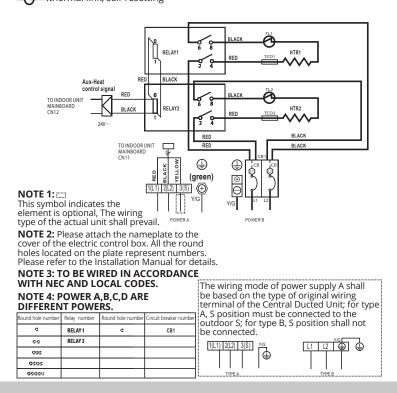
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Heat Kit Wiring Diagrams



8KW/10KW HEAT KIT



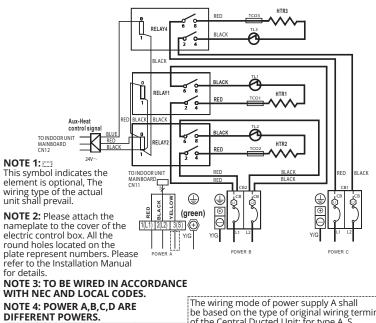


NOTE

The optional heat kits use a power supply that is independent of the power supply of the air handler & blower. Please be aware of this when wiring the heat kit.

Installation of Air Handler Heat Kit

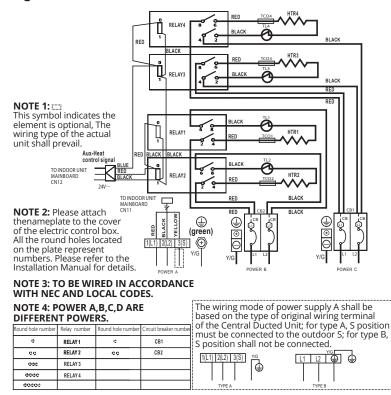
15KW HEAT KIT



				of the Central Ducted Unit; for type A, S
Round hole number	Relay number	Round hole number	Circuit breaker number	position must be connected to the outdoor
c	RELAY 1	0	CB1	S; for type B, S position shall not be connected.
00	RELAY2	00	CB2	
000	RELAY 4			
0000				
00000				TYPE A TYPE B

20KW HEAT KIT

- thermal link, self-resetting



NOTE

The optional heat kits use a power supply that is independent of the power supply of the air handler & blower. Please be aware of this when wiring the heat kit.