

## Auxiliary Heater Electrical Data

### NOTE:

Installation must be performed by an authorized dealer or specialist. Please make necessary protection when installing the unit.

Specification series of electric auxiliary heat module: 8kW,10kW, 15kw, 20kW.

The electric auxiliary heat module is only used for installation on the AHU indoor unit.

If the unit needs to be equipped with electric auxiliary heat module, please check the electric auxiliary heat module specification that can be matched with the unit first to avoid unnecessary consequences caused by improper matching.

Selection and matching of internal machine and electric auxiliary heating components.

MODEL (Btu./h)	8kW	10kW	15kW	20kW
36K	Y	Y	Y	Y
60K	-	Y	Y	Y

### WARNING

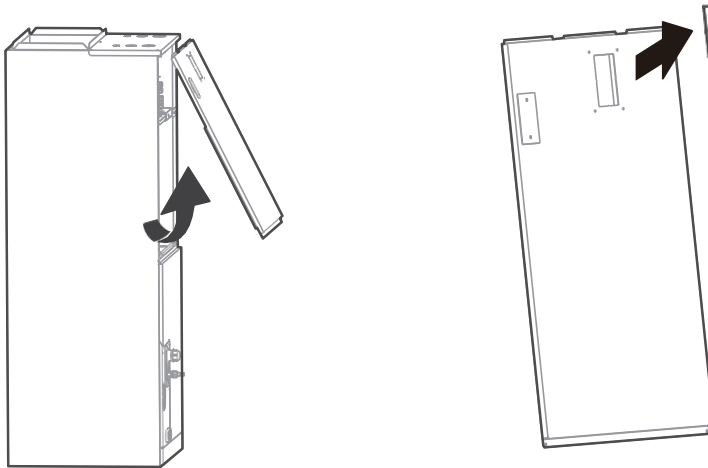
- Disconnect all external power supplies before performing installation and service. Turn off accessory heater power switch if applicable. Failure to do so may cause serious injury.
- EHK must be properly grounded and use copper supply wires.
- Make sure to follow national electric code and local regulations.
- When installing it in an enclosed area such as a garage, heater elements should have a minimum clearance of "18" from the floor to insure the proper ventilation.

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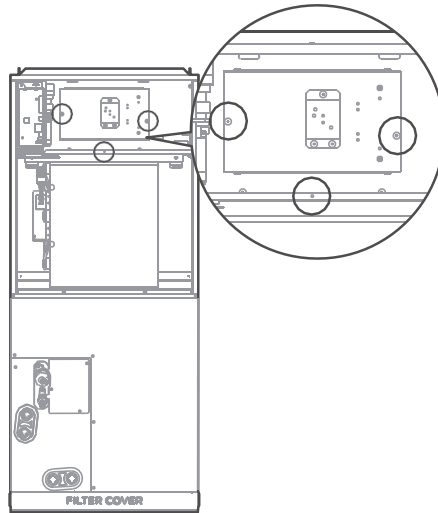
Heater part No.	Heater kW	Internal Circuit Protection	CIRCUIT 1			CIRCUIT 2		
			Heater Amps	MCA (1)	MOCP (2)	Heater Amps	MCA (1)	MOCP (2)
EAH- 08B(UL)	8	Ckt Bkr	28.8/32.0	37.0/42.0	40.0/45.0	/	/	/
EAH- 10B(UL)	10	Ckt Bkr	36.0/40.0	46.0/53.0	50.0/60.0	/	/	/
EAH- 15B(UL)	15	Ckt Bkr	18.0/20.0	23.0/27.0	25.0/30.0	36.0/40.0	46.0/53.0	50.0/60.0
EAH- 20B(UL)	20	Ckt Bkr	36.0/40.0	46.0/53.0	50.0/60.0	36.0/40.0	46.0/53.0	50.0/60.0

# Electric Auxiliary Heat Module installation and wiring operation

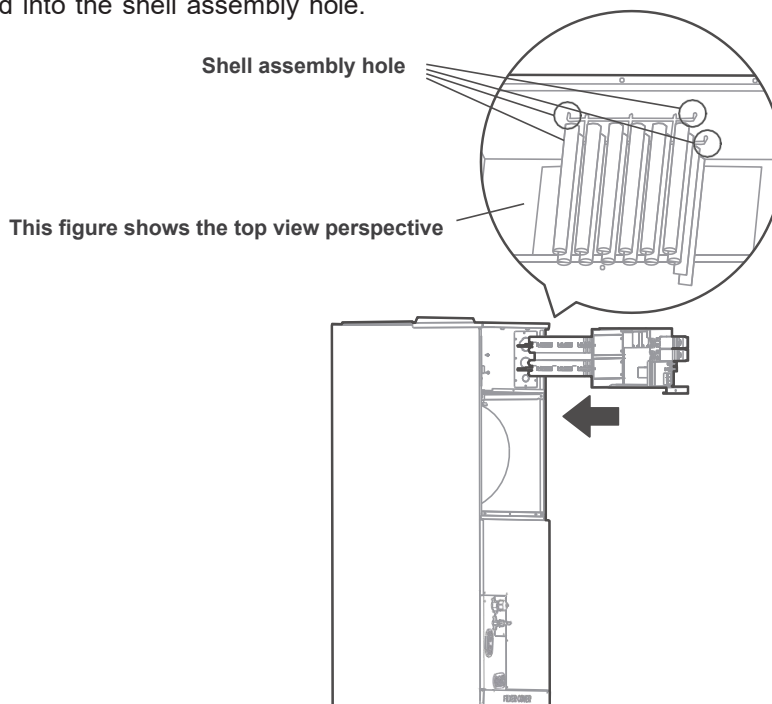
1. Remove the upper cover and use professional tools to remove the knock-out holes of the upper cover.



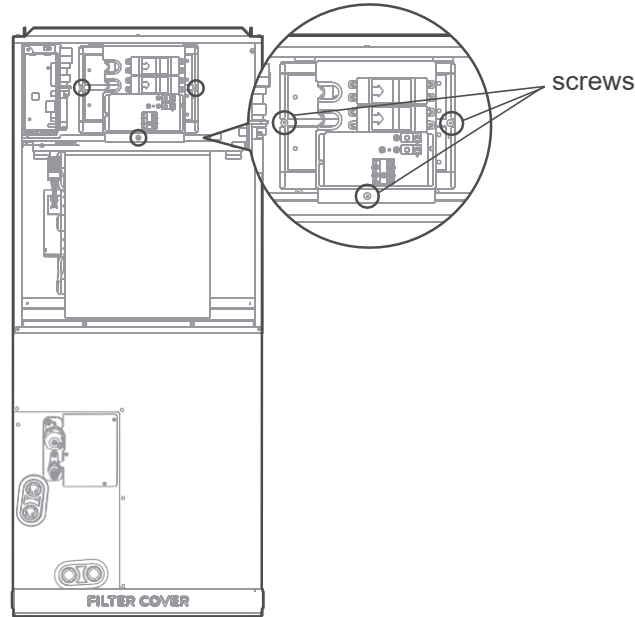
2. Remove the terminal block and power cord, loosen the screws, and remove the electric auxiliary heating cover.



3. Install the electric auxiliary heating assembly into the chassis shell from the front, and note that the front end needs to be inserted into the shell assembly hole.



4. Tighten the mounting screws.

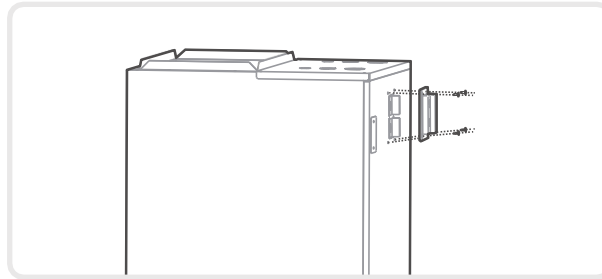


5. Wiring according to the wiring nameplate.

6. Tape the wiring diagram to the inside cover wiring is completed for future reference and maintenance.

7. Install the upper cover.

8. Install circuit breaker cover.



9. After installing the electric auxiliary heat module, apply the circuit breaker label near the silicone breaker cover that was just applied.

After the electric heating wiring is connected, please confirm before power on:

- Check all wiring and ensure reliable connection of wire body.
- Check the electric heating fixing screw, and the screw is fixed reliably.
- The size selection of power wire meets the power supply requirements.

Specifications	Number of circuit breakers	Number of relays	Number of power cord groups	Number of power cord grounding screws
8kW	1	2	2	2
10kW	1	2	2	2
15kW	2	3	3	3
20kW	2	4	3	3

**NOTE:**

- Electric auxiliary heating wiring diagram packed with the accessories.
- If branch circuit wire length exceeds 100 ft, consult NEC 210-19a to determine maximum wire length. Use 2% voltage drop.