

Installation Instructions

Precautions of the Electric Heater

LYQ-08-A (5 kWh)
LYQ-08-C (10 kWh)
LYQ-08-D (15 kWh)
LYQ-08-E (20 kWh)



Attention for Installer

Be sure to be fully familiar with this *Installation Manual* before you install this product. Follow all the safety warnings. Keep in mind during installation or maintenance that you are responsible for installing this product and instructing customers regarding how to use it, in a safe manner.

RISK OF ELECTRIC SHOCK CAN CAUSE INJURY OR DEATH: DISCONNECT ALL REMOTE ELECTRIC POWER SUPPLIES BEFORE SERVICING.

RISQUE DE CHOCS ÉLECTRIQUES. PEUT CAUSER DES BLESSURES ET MÊME ENTRAÎNER LA MORT. COUPER LES SOURCES D'ALIMENTATION À DISTANCE AVANT LE DÉPANNAGE.

Precautions

- Be sure to shut off all power supplies before you try to install this electric heater. There might be several circuit breakers.
- A safety protection device must be provided at the power inlet connecting to the cabinet.
- Only copper conductors can be used.
- Installation must comply with the national electrical specification and other applicable norms.

If this equipment is to be installed in a closed area (such as garage or utility room) where there is any device that will generate carbon monoxide, ensure that such area is well-ventilated.

Specification Tables

Ratings for GMV-ND09-30NhB-T(U) air Handlers

SUPPLEMENTARY HEATER(Optional)							Part Number
Heater Kit Model	Amperage		Min. Circuit Ampacity		Max Fuse Size/Max Ckt, Bkr Size/ (Hacr Type Per Nec)		
	VAC		VAC		VAC		
	208	230	208	230	208	230	
LYQ-08-A ECOHR05 KW	18	20	25.5	28	30	30	320004060157
LYQ-08-C ECOHR10 KW	36	40	48	53	50	60	320004060160

Ratings for GMV-ND36-42NhB-T(U) air Handlers

SUPPLEMENTARY HEATER(Optional)							Part Number
Heater Kit Model	Amperage		Min. Circuit Ampacity		Max Fuse Size/Max Ckt, Bkr Size/ (Hacr Type Per Nec)		
	VAC		VAC		VAC		
	208	230	208	230	208	230	
LYQ-08-A ECOHR05 KW	18	20	28	31	30	35	320004060157
LYQ-08-C ECOHR10 KW	36	40	51	56	60	60	320004060160
LYQ-08-D ECOHR15 KW	54	60	74	82	80	90	320004060158

Ratings for GMV-ND48-60NhB-T(U) air Handlers

SUPPLEMENTARY HEATER(Optional)							Part Number
Heater Kit Model	Amperage		Min. Circuit Ampacity		Max Fuse Size/Max Ckt, Bkr Size/ (Hacr Type Per Nec)		
	VAC		VAC		VAC		
	208	230	208	230	208	230	
LYQ-08-A ECOHR05KW	18	20	31	33	35	35	320004060157
LYQ-08-C ECOHR10KW	36	40	53	58	60	60	320004060160
LYQ-08-D ECOHR15KW	54	60	76	83	80	90	320004060158
LYQ-08-E ECOHR20KW	72	80	98	108	100	110	320004060161

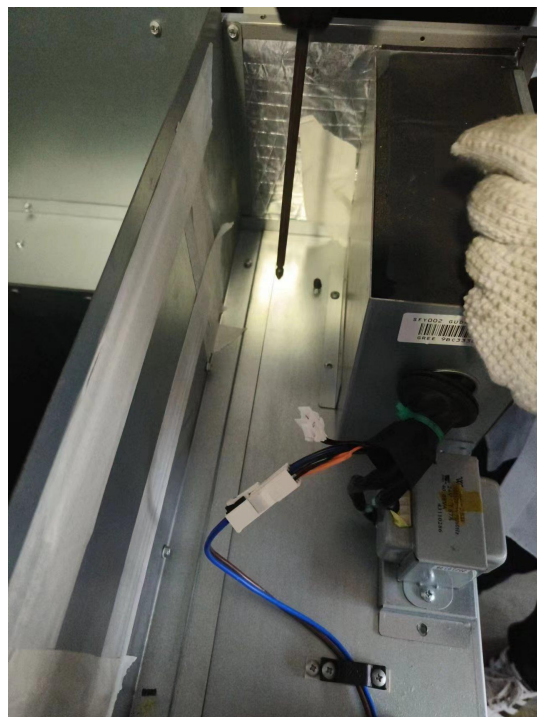
Compatibility Table

Heater Kit Model	Applicable GMV Air Handlers
LYQ-08-A ECOHR05KW	GMV-ND09-60NhB-T(U) 9K Through 60K
LYQ-08-C ECOHR10KW	GMV-ND09-60NhB-T(U) 9K Through 60K
LYQ-08-D ECOHR15KW	GMV-ND36-60NhB-T(U) 36K Through 60K
LYQ-08-E ECOHR20KW	GMV-ND48-60NhB-T(U) 48K Through 60K

1. Remove the front panel and the upper access panel from the air conditional panel.



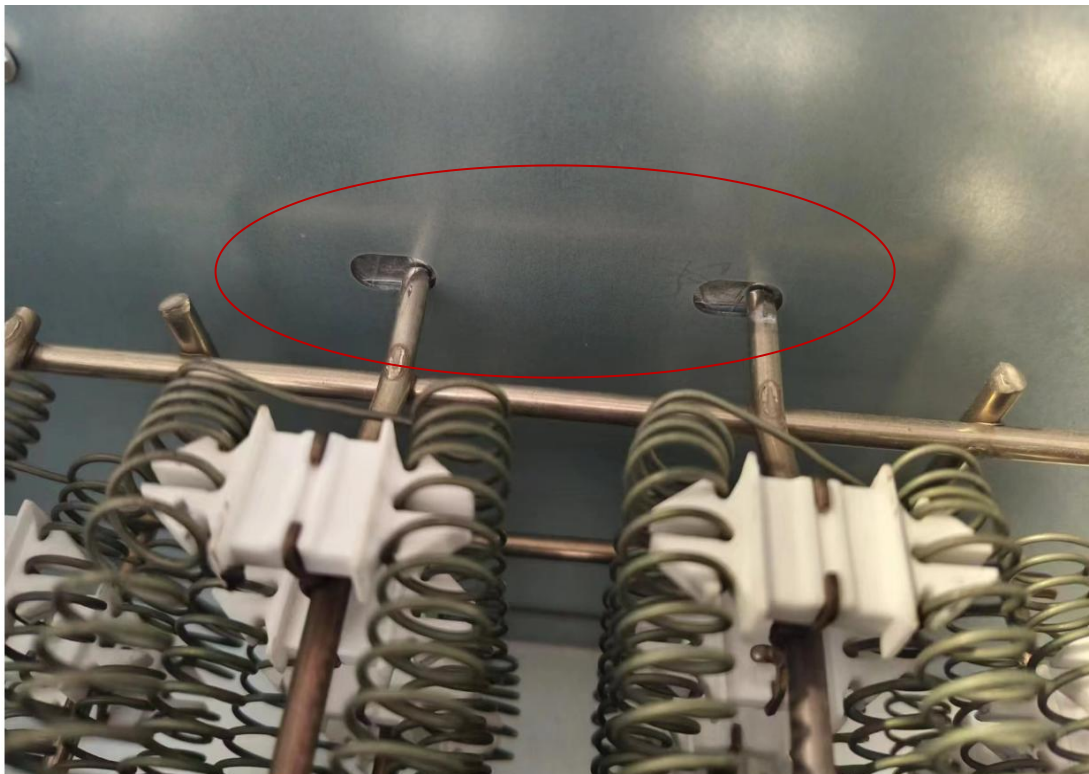
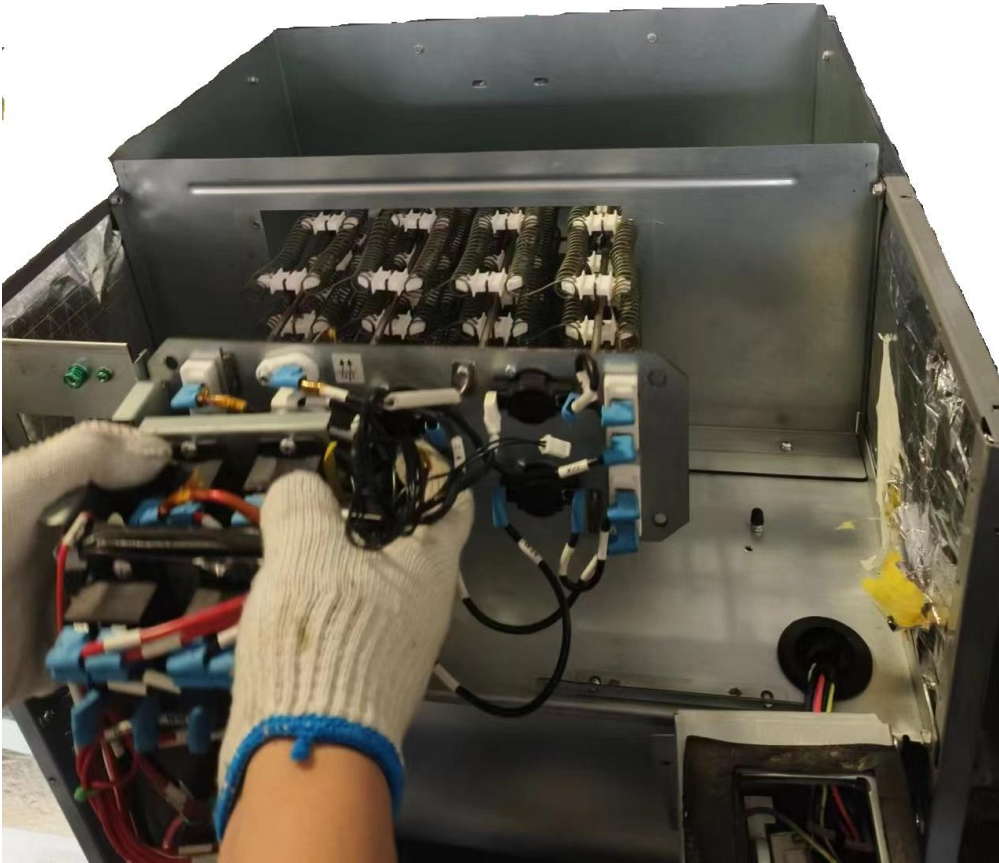
2. Remove the electrical cabinet.



3. Remove the metal plate at the mounting holes of the electric heater.



4. Install the electric heater in the position of the metal plate removed at Step 3. (Note: There are two holes underneath. They are used to fix the bracket of the electric heater.)



5. Install the circuit breaker(s). (Note: During installation, use a tool to lift the clip first; the lower end of the circuit breaker should engage with the main sheet metal; then lay down the clip and confirm that it is fastened without looseness.)



6. Connect the terminal of the electric heater.

