Shipping & Packing List
Package 1 of 1 contains the following:
1 - Current sensing relay (X4421)
1 - 24V AC coil relay (56L68)
1 - Mounting bracket
1 - 18 AWG black wire with two female insulated spade connectors
2 - #8 - 32 X 3/8" screws
1 - 1/2" strain relief
3 - Wire ties
2 - 1/4" spade terminals for low voltage connection

Shipping Damage
Check equipment for shipping damage. If you find any damage, immediately contact the last carrier.

Application
Use this HEPA interlock kit (X2680) to cycle the HEPA bypass air filtration system (UL-listed HEPA series) with the air handling unit (UL-listed CB Series or CSA-certified G Series).

Installation

![Motor Mounting Bracket](image)

**WARNING**
Electric shock hazard. Can cause injury or death. Before attempting to perform any service or maintenance, turn the electrical power to unit OFF at disconnect switch(es). Unit may have multiple power supplies.

1 - Disconnect the electrical power from the HEPA filter and air handler.
2 - Remove the HEPA filter lid.
3 - Unscrew the two motor bracket screws that are across from the on/off switch. See figure 1.
4 - Secure the L-shaped mounting bracket to the HEPA filter bracket. See figure 3.
5 - Use the provided screws to secure the 24V AC coil relay to the L-shaped bracket (label side up). See figure 3.
6 - Disconnect the blue wire from the on/off switch. Connect the blue wire to terminal 5 on the 24V AC coil relay. See figures 2 and 3.
7 - Connect one end of the provided black wire to terminal 7 on the 24V AC coil relay. Connect the other end of the black wire to the center prong of the on/off switch. See figures 2 and 3.
8 - Remove the snap hole plug and cut a hole in the insulation in front of the hole. See figure 3.
9 - Insert a field-supplied two-wire thermostat cable through the hole.
10 - Connect one end of the thermostat cable to the A and B terminals of the 24V AC coil relay.
11 - Use two of the provided wire ties to bundle the high voltage wires separately from the thermostat wires (24V). Make sure that none of the wires touch the blower wheel.
12 - Use the remaining wire tie to bundle the thermostat wires (24V) together. Ensure that the thermostat wires remain separate from the high voltage wires. Make sure that none of the wires touch the blower wheel.
13 - Install the strain relief fitting around the thermostat cable, and insert the strain relief through the hole.
Figure 2

24V AC Coil Relay (K209) Terminals

CONNECT TO BLACK WIRE
CONNECT TO BLUE WIRE
CONNECT TO THERMOSTAT CABLE

Figure 3

24V AC Coil Relay (K209)

SNAP HOLE PLUG
24V AC COIL RELAY
ON/OFF SWITCH
BLACK WIRE
BLUE WIRE

Figure 4

HEPA Interlock Kit Schematic Diagram

HEPA FILTER BRACKET
BLANK WIRE
L-SHAPED BRACKET
BLUE WIRE

Figure 5

HEPA Interlock Kit Field Wiring

Air Handler Low Voltage Terminal Strip
Common Lead
Air Handler Blower
Common
Low
High
Current Sensing Relay
HEPA Bypass System
Thermostat Wire

Turning Power on to the Air Handler
1 - Replace the air handler access panel.
2 - Restore electrical power to the air handler.

Turning Power on to HEPA Filter
1 - Replace the HEPA filter lid.
2 - Reconnect the power plug to a grounded 120V, 60Hz outlet.
3 - Turn on the HEPA filter.