

Installation Instructions:

Most forced air heating or cooling systems, or heat pumps, have an internal 24 V AC power source to which the ELECTRONIC AIR CLEANER can be safely connected without overloading other circuits. CHECK if the system is protected by a low voltage fuse and make sure connections are made on the FUSED SIDE. If no fuse is present, a low-voltage in line fuse should be installed.

BEFORE connecting the AIR CLEANER to this power source, POSITIVELY identify that this is a 24 V (max 30 V) AC source, and not some other voltage. This is usually best accomplished with a test meter.

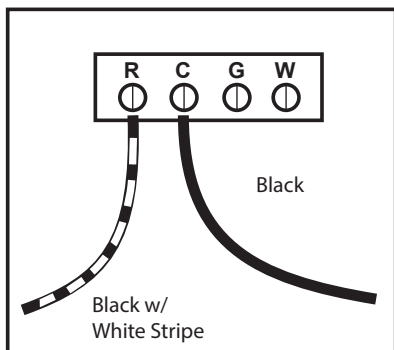
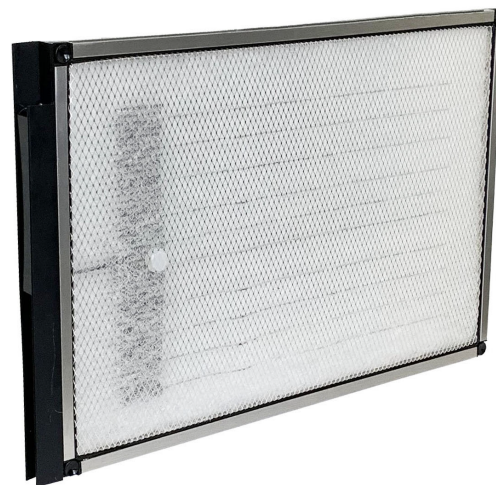


figure 1

- 1) Turn OFF power to the furnace & fan.
- 2) Remove existing air filter
- 3) Wire to on-board Certified Class 2 transformer or furnace controller.
- 4) Plug in new Electronic Air Cleaner

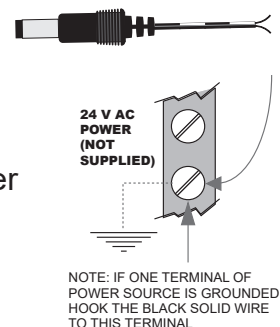


FIGURE 1, shows a typical terminal strip. Connect BLACK/WHITE STRIPE wire to the "G" "fan" or "R" "hot" 24vac terminal and the BLACK wire to the "C", common or grounded terminal.

Use a Voltmeter to confirm 24 volt (not 110 volt) or unmarked terminals. Where needed, use a plug-in Certified Class 2 transformer/adaptor (110vac to 24vac) which is available.

When wiring is completed install the EAC in the filter rack or return air grille. FIGURE 2 shows where to plug the cord into the EAC. Slip the EAC in the filter rack or return air grille. Plug in. close filter access door or grille. Turn ON power to furnace and fan.

The EAC power indicator light beside the plug be illuminated.

For the best air cleaning efficiency it is recommended the fan run continuously with the thermostat fan switch in the "ON" vs. "AUTO" position.

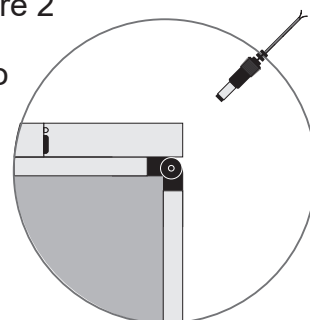


figure 2