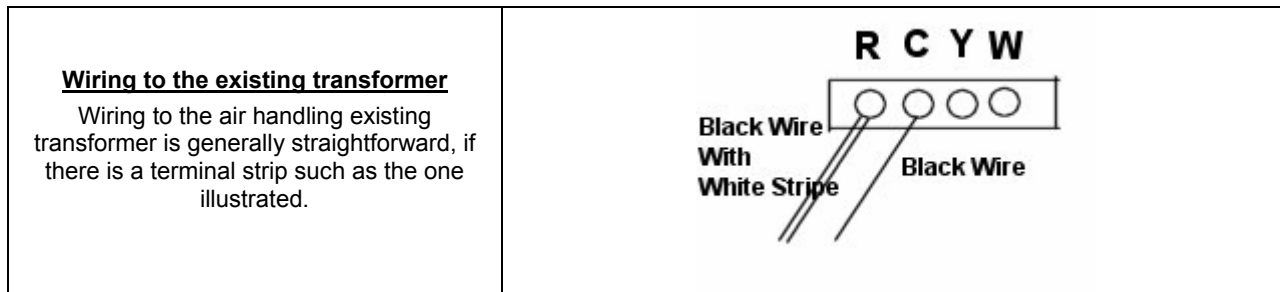


## Electrical hook-up of Air Cleaner Model P-124/ 224

### General instructions

The powerhead of the Air Cleaner requires a 24 VAC input Class II transformer.

Usually, this can come from the existing 24 volts board in the air handler system. A dedicated approved hard-wire or plug in transformer can also be used.



Connect the black wire of the power cord to the common terminal (typically the C terminal) and the black wire with the white strip to the 24 vac hot terminal (typically the R terminal.) Before doing this, verify the voltage with a voltmeter. Up to 28 vac is acceptable.

### To find the common and hot terminal:

- 1) Turn power off to the air handling system and the transformer.
- 2) Using a Voltmeter set on Continuity, check for continuity between each terminal and the metal frame of the air handling system. Make certain that you choose a spot on the air handling system, such a screw or unpainted edge, where you can make good electrical contact.
- 3) If continuity is found between one of the terminals and the air handling system, that terminal will be the common terminal.
- 4) With the power on the transformer, use the voltmeter to locate the 24 VAC terminal .

If a common 24 VAC terminal can not be found, it will be necessary to use a separate 24 volts Class II approved transformer. Electro Breeze Air Cleaner Ltd can supply a 120 AC to 24 volt plug in adaptor.