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.

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<th>Wiring to the existing transformer</th>
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<td>Wiring to the air handling existing transformer is generally straightforward, if there is a terminal strip such as the one illustrated.</td>
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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.