

Phenomenal Aire

Product Specifications & Installation Guide

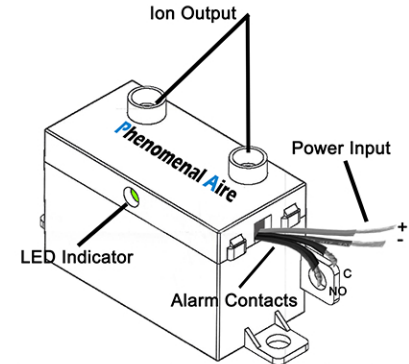
Series D 3.2 CPG

Product Application

The Series D 3.2 product is designed to be mounted inside of fan coils, heatpumps, PTAC units, ductless mini-split units and air handling units ranging in size up to 3,200 CFM.



UL 2998 Approved



Alarm contacts open when power is removed or fault present. Contacts remain closed during normal operations.

Input Voltage	24VAC- Series D 3.2 120-208/230VAC Series D 3.2-1	BMS Alarm Contact Rating	Up to 120VAC & 5 Amps
Power Required	12Va	Pressure Drop	<0.05" W.C. @ 5,000 FPM
Frequency	50/60HZ	Mounting Box	ABS 94VO
Capacity	3,200 cfm	Electrode	Carbon Fiber
Unit Dimensions	2.6"L x 1.9"H x 1.3"D	Temperature Range	-20F to 160F
Weight	.25lbs	Humidity Range	0-100%
Electric Approvals	UL 2998, cUL Recognized, ETL Recognized	Air Flow Sensing	Electronic- No External Air Pressure Switch Required
Ion Output	>350M ions	Ion Alarm Status	BAS Dry Contact & Local LED Status

Product Installation:

1. Using two self tapping sheet metal screws, mount the Series D 3.2 unit between the filter rack and the cooling coil. The unit can also be mounted to the fan inlet shroud. When mounting the unit, make sure air flows across both needles simultaneously.

2.A For D 3.2 wire the red lead to a 24 VAC+ source. Wire the black lead to ground or neutral per diagram A.

2.B For D 3.2-1 the unit comes with a transformer. Wire power according to diagram B.

3. If the BAS dry contact internal to the unit will be utilized, wire nut the two BAS wires to the BAS digital input.

Power Wiring

Fig. A Series D 3.2

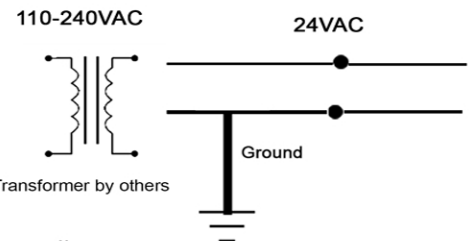


Fig. B Series D 3.2-1

