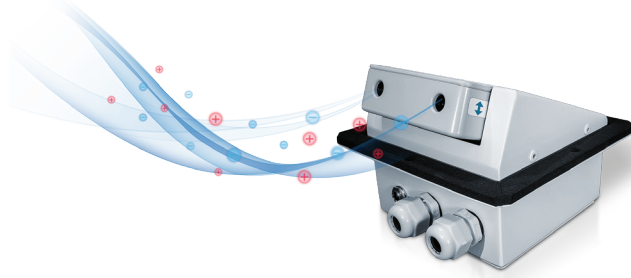# EAGLE X PRO D6C / D6I / D6 / D6MAX

DUCT MOUNTED D6 SERIES

The Eagle X Pro Duct Mounted **D6 Series** Models D6C / D6i / D6 / D6Max are powered by our patented Corona Discharge Bipolar Ionization technology. This technology allows for continuous production of an equal amount of positive and negative ions at the highest density available on the market.

Our duct mounted D6 unit is self contained in an aluminium housing with a molded flange and screw/magnet holes for installation. These units are installed in-line to the duct work of an HVAC system and operate on 12VDC - 24VAC. The D6 series is capable of ionizing a supply airflow of 1,500 up to 10,000 CFM (depending on model selected).

SPECIFICATIONS:

CFM *RECOMMENDATIONS*	2400-3600 CFM (D6C)
	3600-5200 CFM (D6i)
	5200-6800 CFM (D6)
	Up to 6800 to 10000 CFM (D6Max)
Ion output (Ions/Sec)	D6C- 20B (10_9*2); D6I – 50B (10_{10}*5); D6 - 100B (10_{11}); D6MAX – 1T (10_{12})
Emitter cleaning	Self-cleaning – maintenance free
Emitter Points	Tungsten
Input voltage	12VDC - 24 VAC
Operating environment	Temp. (41°F) – (140°F), Hum. 20-80% non-condensing
Storage environment	Temp. (14°F) – (158°F), Hum. <85% non-condensing
Ambient Airflow	Minimum 11.8 inch/sec laminar
Ozone	< 0.001 ppm
EMI	Below background levels (rec. 3.464 inches distance)
LED indicator	green: power "on" orange: "operation"
Connector power	12VDC - 24 VAC
Connector output	On/Off; optional I/O; optional I/O; common
Connector interface	RS485 Modbus (up to 247 units)
Enclosure	PC-ABS plastic blend, color grey (black)
Dimensions mounting	5.18x5.10x3.46 iches
Duct Mount Weight	1.5 Lb
Certifications	UL, CSA, CE, IEC, FCC, RoHS 2 compliant

For Static Control

Ion Balance	Inherently self-balancing system < ± 30V
Discharge time 1	
1000V – 100V @ < 3 sec at 11.82 inches with air flow 39.4 inch/sec	
Discharge time 2	
1000V – 100V @ < 6 sec at 23.63 inches with air flow 39.4 inch/sec	
Discharge voltage 1	< 30 V at 11.82 inches
Discharge voltage 2	< 10 V at 23.63 inches

DIMENSIONS: SEE FIGURE 1

STATUS INDICATOR:

The LED indicator function provides an electronic signal only when the unit is operating properly, i.e. when the unit is emitting ions.

NEUTRALISES AND ELIMINATES:

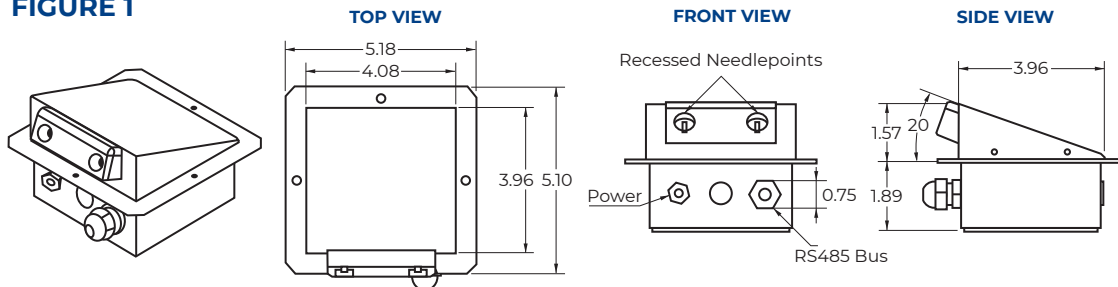Viruses, Bacteria, Mold Spores, Fungus, Pollen, Animal Dander.

WHICH CAN CAUSE:

Infection, Allergies, Asthma, Flu, Fever, Odor & Mildew.

CERTIFICATIONS: UL 867, UL 2998

CE   cULus   CSA   IEC   FCC   UL

FIGURE 1

TOP VIEW
5.18
4.08
3.96   5.10

FRONT VIEW
Recessed Needlepoints
Power
0.75
RS485 Bus

SIDE VIEW
3.96
20
1.57
1.89

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