

APPLICATION

The Plasma BAR-X is a needlepoint type bipolar ionizer arranged in a long narrow design and produces 35 million positive and negative ions per cubic centimeter when tested at 1" from the bar. The ionizer is installed on the entering side of the cooling coil of an air handling unit (AHU) or roof top unit (RTU). The installer mounts the Plasma BAR-X using two (2) #8 sliding mounting studs in a slotted channel insuring that the ionization needles are pointed down to avoid debris accumulation. The included power supply can accept 115 or 230V AC selectable, 50/60Hz, single phase. Electrical approvals: cULus, CE.

SPECIFICATIONS

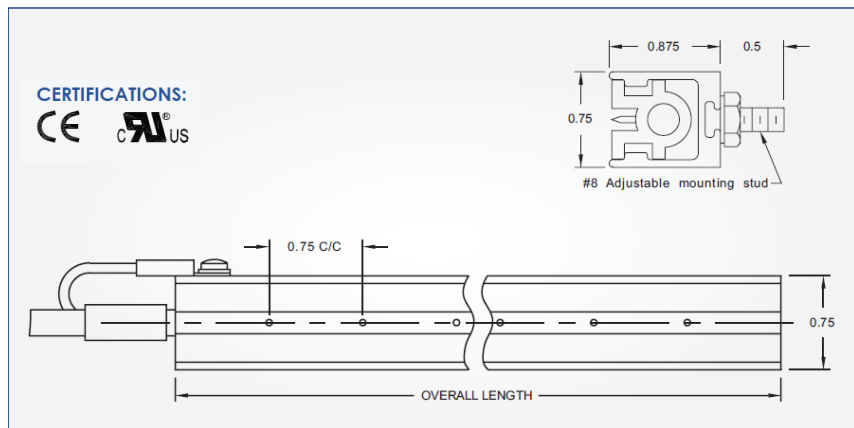
Dimensions: See Figure 1
 Length: 3" to 144", standard lengths below
 Ionizing Point Spacing: 0.75" on center
 Finish: Brushed Aluminum
 Needles: 316 Stainless Steel
 Ion Output: ± 35 million ions/cc @ 1"

Input Voltage: 115V Standard / 230V available
 Input Current: 0.5A (115V), 0.25A (230V)
 Operating Current: 5 mA
 Power Supply: .One per AHU/Up to (2) Bars/Power Supply
 Power Wiring Conduit: 1/4" Liquid tight
 Mounting: Two (2) #8 sliding mounting studs

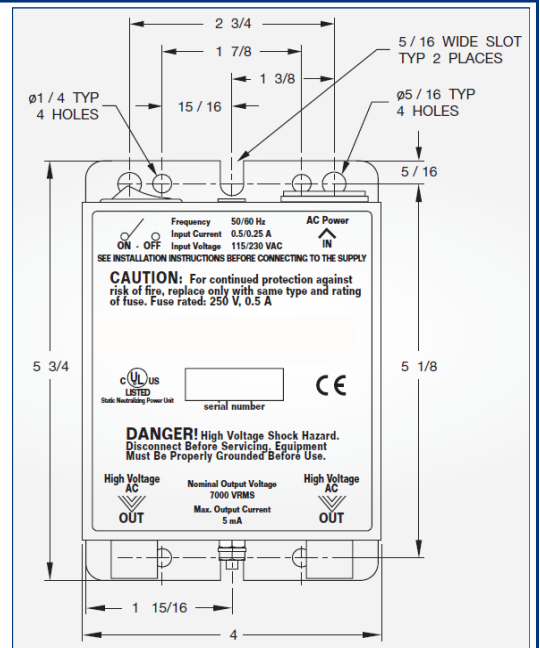
MODEL #PBX-XXX	018	024	030	036	042	048	054	060	066
AIRFLOW TREATED (CFM)	3,750	5,000	6,250	7,500	8,750	10,000	11,250	12,500	13,750
LENGTH OF PLASMA BAR-X (inches)	18	24	30	36	42	48	54	60	66
WEIGHT (LBS)	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5

MODEL #PBX-XXX	072	078	084	090	096	108	120	132	144
AIRFLOW TREATED (CFM)	15,000	16,250	17,500	18,750	20,000	22,500	25,000	27,500	30,000
LENGTH OF PLASMA BAR-X (inches)	72	78	84	90	96	108	120	132	144
WEIGHT (LBS)	6.0	6.5	7.0	7.5	8.0	9.0	10.0	11.0	12.0

Figure 1



PLASMA BAR-X DIMENSIONS
Not to Scale



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