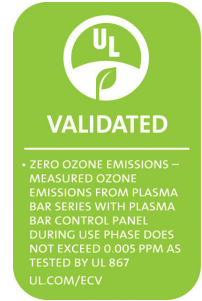




Needlepoint Ionizer

The **Plasma BAR** needlepoint ionizers produce positive and negative ions neutralizing harmful micro-organisms, pollutants and odors and are arranged in a factory assembled low profile design for ease of installation. They are typically installed on upstream side of cooling coil but can be located downstream near supply fan section with a contractor provided support system. To ensure optimal performance the Plasma BAR series require minimal annual maintenance and cleaning. This unit is covered under UL 2998 for zero ozone emissions of less than 5 ppb.



**SPECIFICATIONS:**

Housing Material: ..... 18 Gauge Galvanized Steel  
 Wiring Harness: ..... 22 Gauge Plenum Rated  
 Maximum Operating Temperature: ..... 158°F (70°C)  
 Mode of Operation: ..... Needlepoint type  
 Needle Configuration: ..... Recessed  
 Mounting: ..... Top angle brackets  
 Pressure Drop: ..... <0.05" W.G.

**CONTROL PANEL (CP):**

Dimensions: ..... 6.5" (l) × 6.5" (w) × 3.5" (d)  
 Direct Input Voltage: ..... 12V DC or 24V AC  
 Input Voltage requiring power supply: ..... 120/230V AC  
 Frequency: ..... 50/60 Hz  
 Over-current Protection: ..... Automatic Reset 1 Amp fuse  
 Length of wiring harness from CP to BAR: ..... 20' – 0"  
 Interconnecting Voltage to BAR: ..... 12V DC  
 Environmental Service: ..... Indoor only

**COMPLIANCE AND CERTIFICATIONS:**

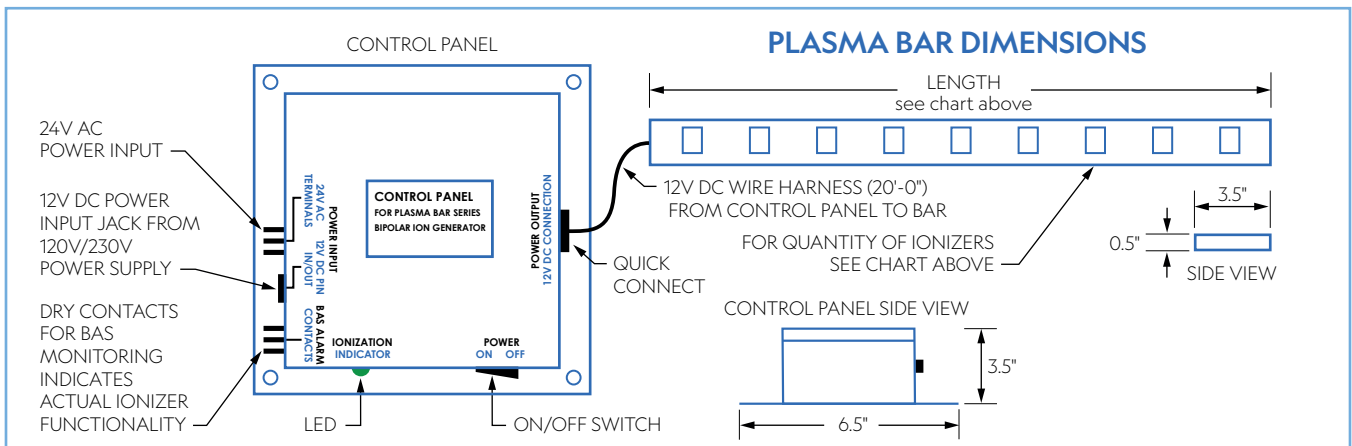
UL 867, CSA C22.2# 187, UL 2998, CARB, UL 2043, ISO 16000

Each Plasma BAR requires a control panel which is sold separately. One control panel can power a maximum of two Plasma BARs if installed on the same unit.

PLASMA BAR MODEL #PB-XXX	018	024	030	036	042	048	054
AIRFLOW TREATED (CFM)	3,750	5,000	6,250	7,500	8,750	10,000	11,250
LENGTH OF PLASMA BAR (inches)	18	24	30	36	42	48	54
QUANTITY OF IONIZERS ON BAR	3	4	5	6	7	8	9
ELECTRICAL CURRENT DRAW (mA)	90	120	150	180	210	240	270
POWER CONSUMPTION (VA)	2.2	2.9	3.6	4.3	5.0	5.8	6.5
WEIGHT (LBS)	1.1	1.5	1.9	2.3	2.6	3.0	3.4

PLASMA BAR MODEL #PB-XXX	060	066	072	078	084	090	096
AIRFLOW TREATED (CFM)	12,500	13,750	15,000	16,250	17,500	18,750	20,000
LENGTH OF PLASMA BAR (inches)	60	66	72	78	84	90	96
QUANTITY OF IONIZERS ON BAR	10	11	12	13	14	15	16
ELECTRICAL CURRENT DRAW (mA)	300	330	360	390	420	450	480
POWER CONSUMPTION (VA)	7.2	7.9	8.6	9.4	10.1	10.8	11.5
WEIGHT (LBS)	3.8	4.1	4.5	4.9	5.3	5.6	6.0



All stated specifications are subject to change without notice or obligation.