

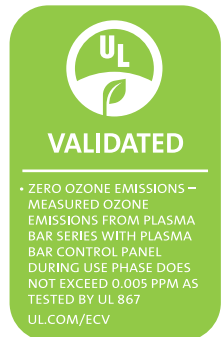
PLASMA BAR

IONIZATION PRODUCT SUBMITTAL



Needlepoint Ionizer

The **Plasma BAR** needlepoint ionizers produce positive and negative ions neutralizing harmful micro-organism, 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):

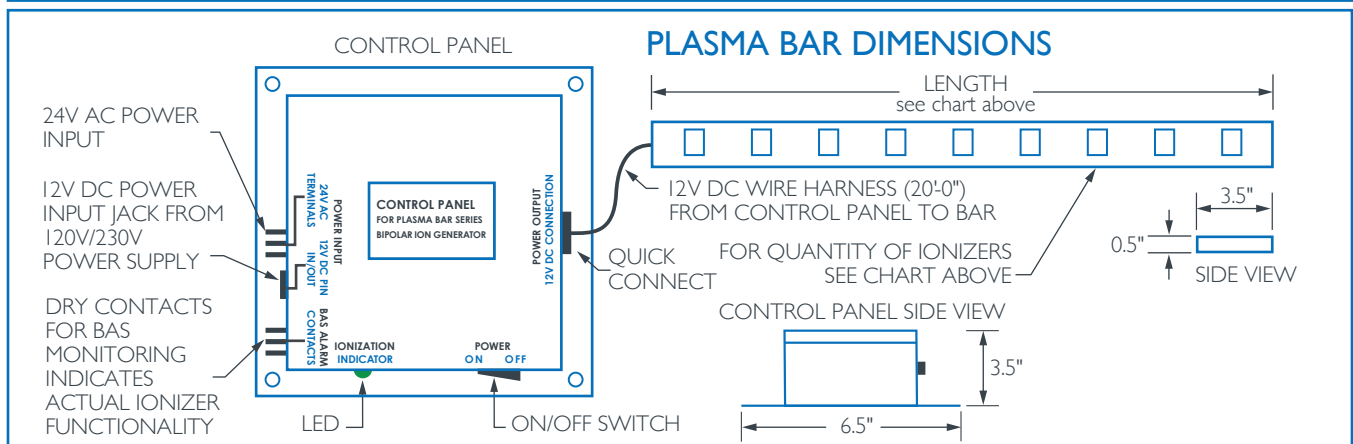
Dimensions 6.5" (l) × 6.5" (w) × 3.5" (d)
Direct Input Voltage 12V DC or 24V AC
Input Voltage requiring power supply 120/230V AC
Frequency 50/60 Hz
Over-current Protection Automatic Reset 1 Amp fuse
Length of wiring harness from CP to BAR20' - 0"
Interconnecting Voltage to BAR 12V DC
Environmental Service Indoor only

COMPLIANCE AND CERTIFICATIONS:

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

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.