

ION BAR



The Air+ Ion Bar is an auto-cleaning, needlepoint ionizer producing billions of positive and negative ions that agglomerate particulate, neutralize odors and VOCs, and deactivate bacteria and viruses. The auto-cleaning feature mechanically removes dust and dirt from the needlepoint emitters eliminating any required maintenance. The Ion Bar mounts upstream of a cooling coil in any air handling unit using the mounting brackets but can be mounted downstream as well using a suitable support structure. The Ion Bar is validated to UL 2998 for zero ozone emissions.

Air Flow Capacity: Up to 30,000 CFM, (See Chart)
Pressure Drop: Less than 0.05" WG
Enclosure Material: 20 Gauge Galvanized Steel
Weight: See Chart
Operating Temperature: ... 0°F - 158°F
Emitter Cleaning: Mechanical auto-cleaning
Cleaning Frequency: Once/day and on start-up
Emitter Points: Tungsten
Mode of Operation: Needlepoint type
Dimensions: See Figure 1
Certifications: UL 867, UL 2998, CSA C22.2 #187, RoHS-2 compliant

Ionization Output: 10¹² Ions/sec per foot of bar
Ozone Output: Less than 0.005 ppm

Control Panel:

Input Voltage: 24V DC
 Power supply for 120V/230V
Input Current: 0.2 Amps
Frequency: 50/60 Hertz
Power Consumption: 28.8 Watts max for Bar-72
Overcurrent Protection: ... Automatic reset 1 Amp fuse
Length of Wiring Harness: . 20'-0" (L)
Environmental Service: ... Indoor only
Dimensions: 6 1/4"(L) X 4 3/4"(W) X 3 1/2" (H)

Air+ Ion Bar Model Bar-XX	Bar-12	Bar-24	Bar-36	Bar-48	Bar-60	Bar-72
Airflow Treated (CFM)	5,000	10,000	15,000	20,000	25,000	30,000
Finished Length (Inches)	8"	20"	32"	43"	55"	67"
Weight (lbs)	1.6	3.2	4.8	6.4	8.0	9.6
Electrical Current (Amps)	0.2	0.4	0.6	0.8	1.0	1.2
Power Consumption (Watts)	4.8	9.6	14.4	19.2	24.0	28.8

Figure 1 - Dimensions

