

ION BAR



The Air+ Ion Bar is a self-cleaning, needlepoint ionizer producing billions of positive and negative ions that agglomerate particles, neutralize odors and VOCs, and deactivate bacteria and viruses. The self-cleaning feature removes dust and dirt from the needle point emitters eliminating any ongoing maintenance. The Ion Bar mounts upstream of a cooling coil in any air handling unit using the pre-installed mounting brackets but can be mounted downstream as well using a support structure by others. The Ion Bar is UL 2998 validated 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: Self-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: 10^{12} 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: 8"(L) x 6"(W) x 4"(D)

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)	10"	19"	31"	43"	54"	66"
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

