



ION BAR

SIB1 Series

Pulse AC Slim Ion Bar



Key Features

- External controller type: Pulse AC ion bar 
- Max 4 connections using external Controller(SBP-11N),  Note that SBP-06 is one-to-one connection
- Small / slim body—easy to install in narrow space
- Various length of ion bar for numerous installing environment

Specifications

SIB1 Series		
Model	SIB1 Series	Remarks
Input Power	-	
Power Consumption	-	
Ion-Generation Method	Corona Discharge Pulse AC	
Air Purge Supply Pressure	0.1 ~ 0.5 MPa	Clean Dry Air, N ₂
	≤ 0.3MPa SIB1-16A ~ SIB1-48A	
	≤ 0.5MPa SIB1-64A ~ SIB1-256A	
Air Purge Connection Port	Pipe Tap 1/8"	
Ion Balance	within ±50V	1,000mm
Ozone(O ₃) Concentration	≤0.05ppm	
Main Body Material	Non-Flammable ABS	LevelV0
Electrode Material	Standard Tungsten	
	Option Silicon	
Emitter Replacement	Cartridge Type	
Operation Circumstance	0°C ~ +50°C (32°F ~ 122°F), 35% ~ 85% RH	
Dimensions	Please Refer to Dimension Drawing	
Mounting Method	Bolt Mounting with Bracket	
Function		
Adjust	Frequency [Hz]	-
Function	Voltage [Level]	-
Alarm Function	-	-
Interface	-	-
Operating Distance	50~2,000mm	
High Voltage Cable	Shielding Wire 4m(UL3239 20kV - 1007AWG18)	Standard
Warranty	1 Year(After 1 year of your purchase)	

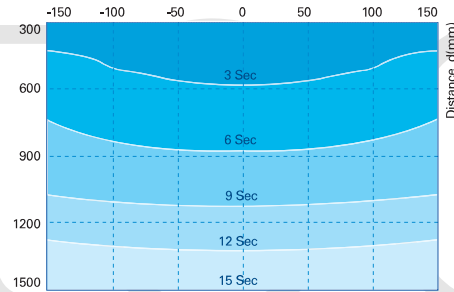
Power Controller [SBP-06 / SBP-11N]			
Model	SBP-06	SBP-11N	Remarks
Input Power	AC100~240V, 50/60Hz		
Output Voltage[Max.]	Pulse AC 12 kVp-p(Max.)		
Power Consumption	16W	23W	AC 220V
Current Consumption	72mA	104mA	
Output Port	1 Port	4 Port	
Alarm	N/A	H/V Abnormal Alarm	
Weight	1.42kg	2.48kg	
Main Body Material	EGE		
	Stainless Steel		
Ion Bar Number Connectable	1 Sets	4 Sets (Max.)	UTP Cable(SBP-11N)
Dimensions	Please Refer to Dimension Drawing		
Interface	-	Remote, Alarm	
Function	Frequency [Hz]	30Hz(x can be Changed)	1, 3, 5, 8, 10, 20, 30(7Steps)
	Duty Ratio [%]	40 ~ 60	40 ~ 60 (100 Unit)
Warranty	1 Year(After 1 year of your purchase)		

*SBP-11N cannot control individual ion bar, we suggest customer to use 2 ion bar with each controller.

Decay Time Characteristics

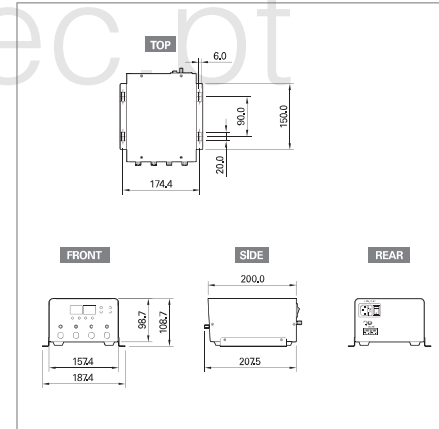
Test Conditions

- Model : SIB1-160A / SBP-11N
- Socket : SIE-1
- Output Voltage : AC 10.5kVp-p(P-06, N-06)
- Air Pressure : 0.3MPa
- Decay Time : ±1,000V to ±100V
- Temperature & Humidity : 24°C ± 1°C, 40% ± 2%RH
- Charge Plate Capacitance : 20pF ± 2pF (150 X 150mm)
- Frequency : 30 Hz

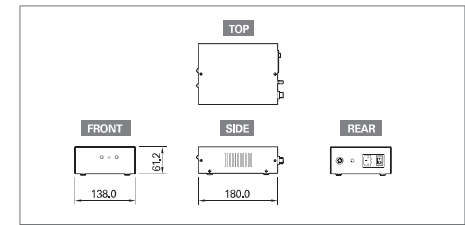


Dimensions

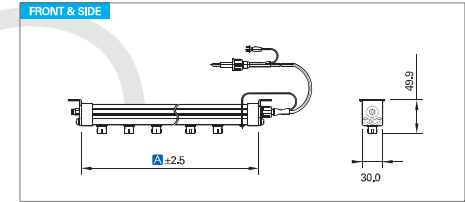
AC Type Power Controller [SBP-11N]



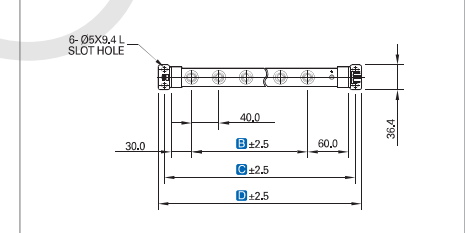
AC Type Power Controller [SBP-06]



Ion Bar [SIB1-Series]



BOTTOM



[Model : SIB1-16A ~ 256A] Dimensions

MODEL	A	B	C	D
SIB1-16A	170	80	190	208
SIB1-32A	330	240	350	368
SIB1-48A	490	400	510	528
SIB1-64A	650	560	670	688
SIB1-80A	810	720	830	848
SIB1-96A	970	880	990	1008
SIB1-112A	1130	1040	1150	1168
SIB1-128A	1290	1200	1310	1328
SIB1-144A	1450	1360	1470	1488
SIB1-160A	1610	1520	1630	1648
SIB1-176A	1770	1680	1790	1808
SIB1-192A	1930	1840	1950	1968
SIB1-208A	2090	2000	2110	2128
SIB1-224A	2250	2160	2270	2288
SIB1-240A	2410	2320	2430	2448
SIB1-256A	2570	2480	2590	2608

Soft X-ray/Ionizer
Ion Bar
Ion Blower
Ion Nozzle
Measurement & Monitoring System
Real Monitoring System
Dust Collector

Soft X-ray/Ionizer
Ion Bar
Ion Blower
Ion Nozzle
Measurement & Monitoring System
Real Monitoring System
Dust Collector