

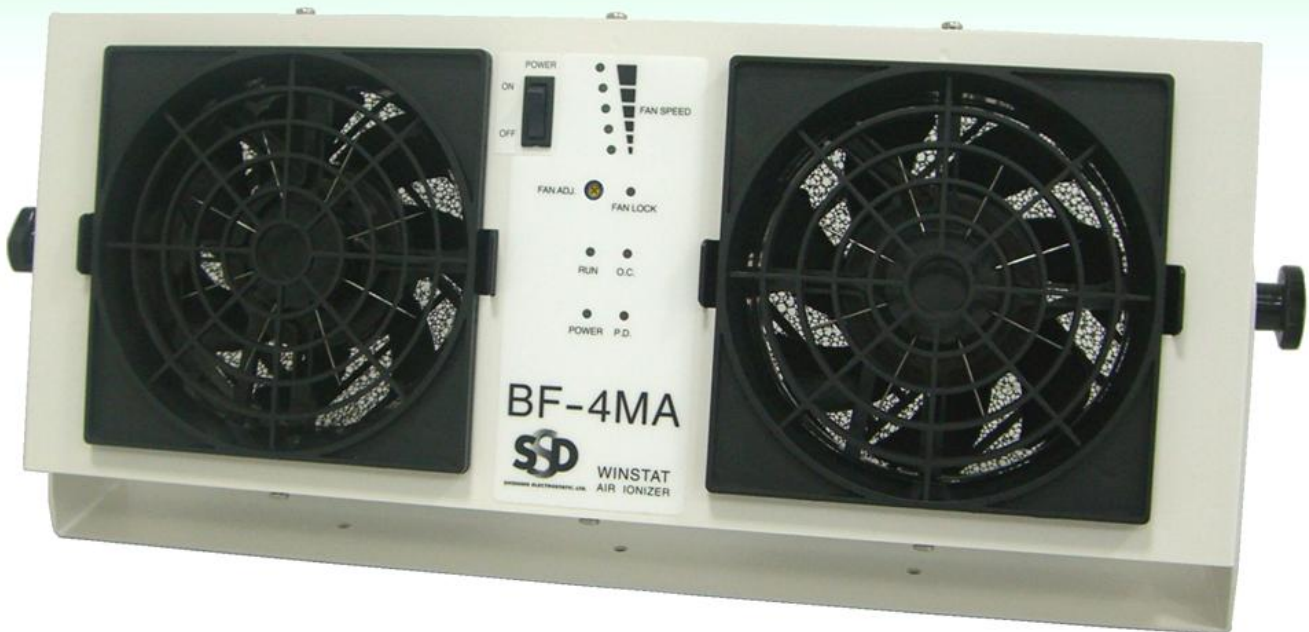
WINSTAT BF-4MA

With RoHS standard



Air Ionizer unit WINSTAT

The model BF-4MA is Slim and Light weight air ionizer with HDC-AC for covering wide area around 400mm. With long stability and long maintenance with easy operation.



FERTURE

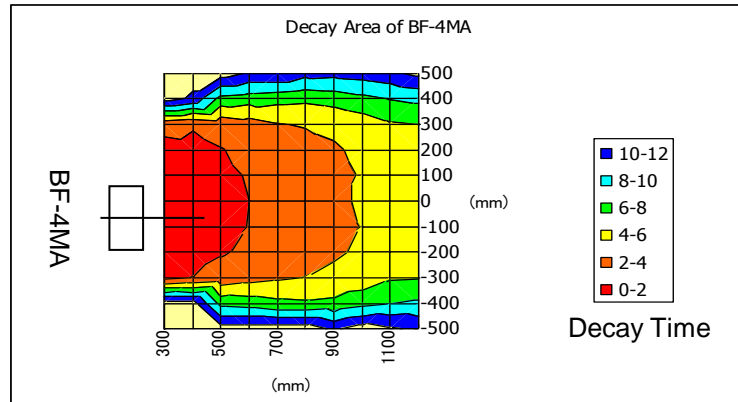
- For wide area covering application around 400mm
- Keep stable performance with SSD new technology as Hybrid Digital Controlled AC
- With small power unit and thin layer fan, downsized 70% from previous model (BF-4)
- Powerful decay performance with twin fan
- Easy maintenance as detachable front louver and emitter unit
- Safety function with checking pulse discharge and over current alarm
- Clear RoHS standard

SPECIFICATION

Model	BF-4MA
Power Supply	DC24V (AC adaptor AC100 ~ 240V)
Capacity	25VA (Maximum Air flow)
Output Voltage	± 7,500V _{0-p}
Ion Balance	Within ±10V (at 300mm distance)
Air Flow	1.4 ~ 3.2m ³ /min × 2 fans
Air Speed	0.4 ~ 0.6m/sec (center of 300mm front)
Ozone level	Under 0.006ppm at 150mm front
Environment	0 ~ 40°C / 15 ~ 85%RH (without condensation)
Filter	Class as pre-filter level
Signal output	Normally Close contact by MOS FET relay For HV alarm and Fan abnormal
Dimensions	370×146×69.5mm (W × H × D) main body
Weight	Approx. 2,200g (with stand flame)
Material	Main body & Stand flame: SECC, Emitter: Tungsten
Sound level	60dB(A) (as 1 meter front)
Accessories	Handling Manual, AC adaptor, Signal cable, Cleaning Brush,
Optional part	Discharge Emitter unit: DNU-W33 Filter (10 pcs/pack): OBF-F2ZA-1-10

DECAY PERFORMANCE

Decay Area



Decay performance (for reference)

Center of BF-4MA

Distance (mm)		300	600	900	1200
Decay time (sec)	Max Air flow	0.8	2.0	3.8	5.6
	Min Air flow	1.6	4.1	7.5	12.2

At 200mm from center of BF-4MA

Distance (mm)		300	600	900	1200
Decay time (sec)	Max Air flow	1.2	2.5	3.8	5.6
	Min Air flow	3.6	6.9	10.8	16.3

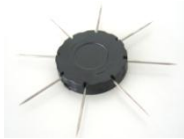
*1: Checked by CPM model H-0601 with 150mm x 150mm plate (20pF)

*2: Decay time is from ±1000V to ±100V

*3: These data is actual value, not our guaranteed value

Optional Part

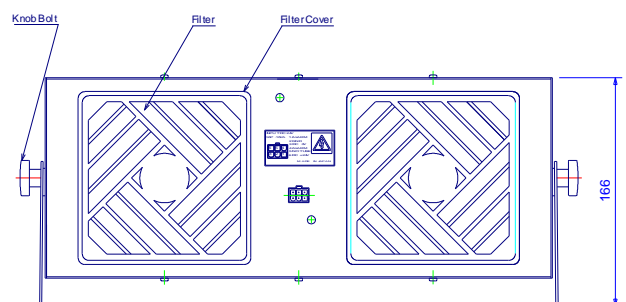
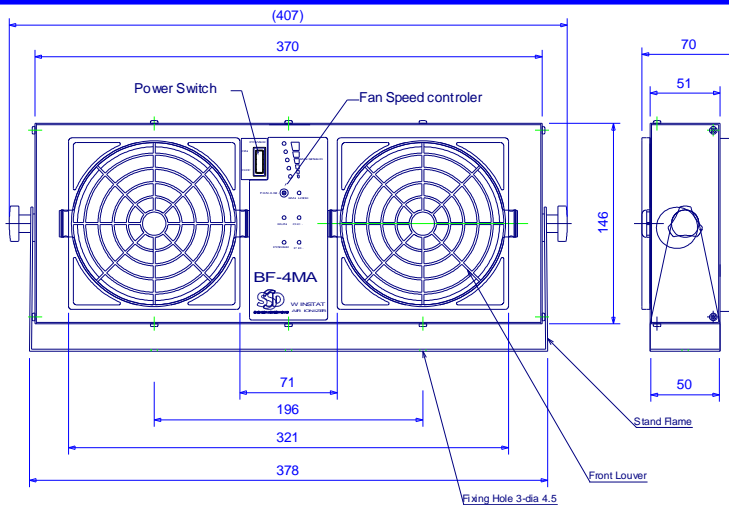
Discharge Emitter unit: DNU-W33



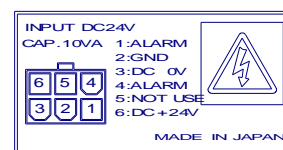
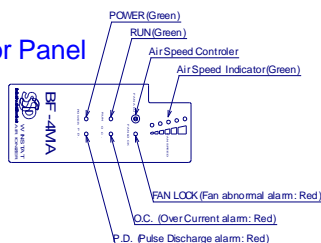
Filter (10pcs/pack): OBF-F2ZA-1-10



Dimensions



Front Indicator Panel



Connector Layout

Real ESD Solution & New Technology
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