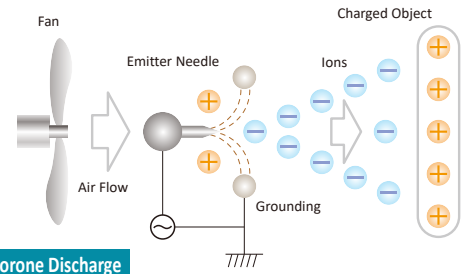


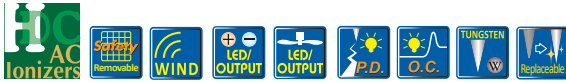
Ionized air carried by fans

WINSTAT is the air ionizer product series providing solutions for ESD problems and electrostatic problems of plastic films. Three types of products, HDC-AC type, high frequency type and DC type, can be used on the equipment, in production line and on the table for long distance and wide range static elimination.

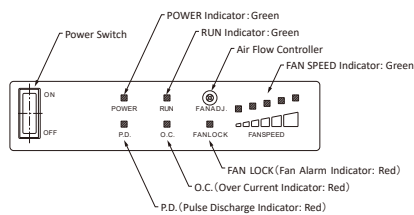


Theory of Ionizing by Corone Discharge

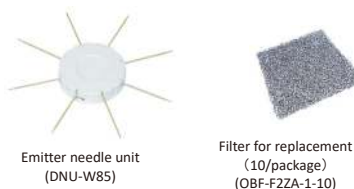
WINSTAT BF-X4ME



Indicator Panel



Option

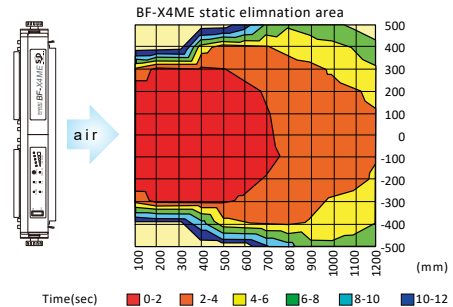


Main Features

BF-X4ME is an updated model of BF-X4MB and thin and light-weighted air ionizer product, which can eliminate a wide range of statics up to 400mm. HDC-AC ionizer ensures the long-term stability of static elimination performance and extends the longevity of maintenance duration.

- Wide range static elimination upto 400mm.
- HDC-AC transformer gives long-term stable static elimination performance.
- Resin-made casing reduced weight.
- Use two 120mm fan motors (continuously changeable) to produce large amount of airflows with high-speed static elimination.
- Easy to detach parts for maintenance as louver and emitter needles only need a finger press to detach from the unit, no extra tools needed.
- Safety design
 - power off for louver removal.
 - micro-discharge and over-current detection
- Adjustable angle with lock function to prevent change of angle due to vibration.

Static Elimination Area

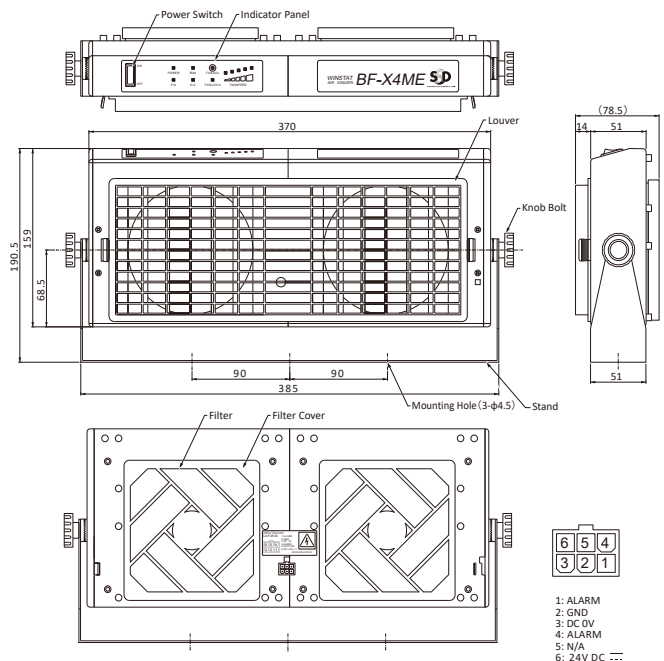


(Note 1): Use CPM, 150mm, 20pF to measure

(Note 2): Static elimination time is the decay time from $\pm 1000V$ to $\pm 100V$

(Note 3): data above are measured data not a guaranteed data

Dimension Diagram



Specifications

Model	BF-X4ME
Input Power	DC24V(AC Adaptor AC100~240V)
Capacity	25VA(Maximum Fan speed)
Output Voltage	$\pm 7500V_0-p$
Ion Balance	Below $\pm 5V$ (Distance 300mm: initial setting)
Air Volume	1.4~3.2m ³ /min \times 2 fans
Air Speed	1.6~3.3m/sec (Distance at 300mm from center)
Ozone Level	Below 0.006ppm (Distance at 150mm)
Environment	Temperature: 0~40°C/Humidity: 15~85%RH (No Condensation)
Filter	Pre-filter level
Alarm Output	MOS FET Relay no-voltage b contact output (Abnormal H.V. or Fan)
Dimension	370 \times 190.5 \times 78.5mm (W \times H \times D) Without Stand
Weight	around 1600g (With Stand)
Material	Main unit: ABS, Emitter Needle: Tungsten, Stand: SECC
Noise	68dB(A) (Distance at 1m)
Accessories	Manual, AC Adaptor, Signal output cable(2), Cleansing Brush
Option	Emitter Needle Unit: DNU-W85, Filter(10/Package): OBF-F2ZA-1-10