

ION BLOWER

AMF-95 Series



제품사양 / Product Specification

Category	Specification				
	1-fan	2-fan	3-fan	4-fan	5-fan
입력 전압 (Input voltage)	AC 100~240V~, 50/60Hz or DC 24V±10%				
소비 전력 AC (Power consumption)	Max. 24W		Max. 80W		
소비 전력 DC (Power consumption)	Max. 17W		Max. 55W		
출력 주파수 (Output frequency)	50kHz				
이온 발생 방식 (Ion generating method)	Corona discharge				
전압 인가 방식 (Voltage application method)	High Frequency AC				
재 질 (Material)	Body : ABS / Emitter pins : Titanium				
방전핀 교체 (Emitter replacement)	Replaceable				
방전핀 청소 (Emitter Cleaning)	Clean button				
이온 밸런스 (Ion balance)	Under average ±10V				
제전 거리 (Coverage distance)	100mm~1200mm				
디스플레이 (Display)	HV LED(G/R) , FAN LED(G/R)				
풍 량 (Air Volume)	Max. 1.75m ³ /min[per 1-fan]				
오존발생량 (Ozone generation)	Under 0.05ppm				
사용온도 (Ambient temperature)	0~50℃				
사용습도 (Ambient humidity)	35~65%RH(No condensation)				

※ 제품의 사양은 성능 개선을 위하여 별도의 통보 없이 변경될 수 있습니다.
Specification is subject to change without notice for the improvement of product performance.

제품장점 / Advantages



- 제품 컨트롤러 원터치 버튼을 이용한 자동 청소기능 실행 가능
Auto pin cleaning function by one-touch button on controller
- 설정을 통한 자동 주기 청소 기능 탑재
Auto pin cleaning function can be operated on a daily basis by setting menu.
- PLC를 이용한 청소기능 동작 가능
Auto pin cleaning function is available with PLC communication.
- 전원 사양(DC/AC)에 따른 모델 선택 가능
Able to choose products by the types of input voltage systems (DC 24V or AC 100~240V)



자유로운 팬 모듈, 공간상자 조립 방식으로 다양한 길이와 구성 가능
Various assembly configurations of fan modules and spacing boxes are enabled



간편한 유지 보수 및 청소
Easy maintenance & cleaning

ION BLOWER

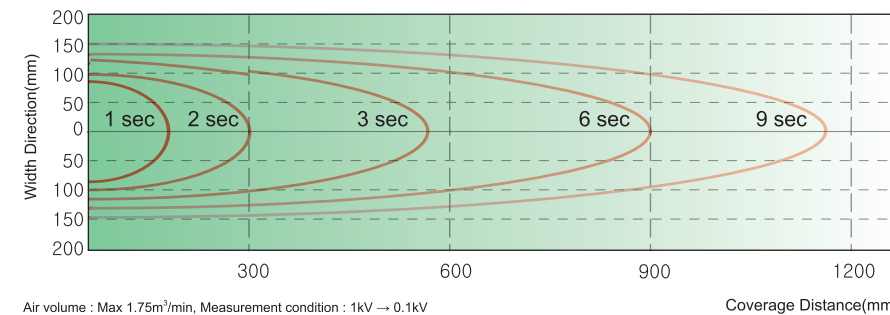
제품성능 / Product Performances

Relation between Distance and Decay Time

Distance (Cm)	Decay Time(sec)									
	1	2	3	4	5	6	7	8	9	10
30			2 sec							
60				3.5 sec						
90						6 sec				
120									9.5 sec	

Air volume : Max 1.75m³/min, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

Relation between Width Direction and Decay Time

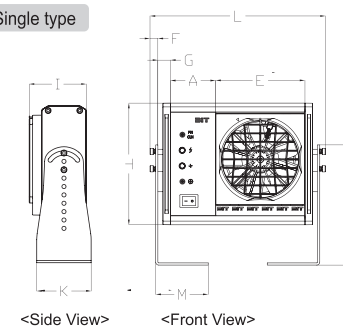


Air volume : Max 1.75m³/min, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

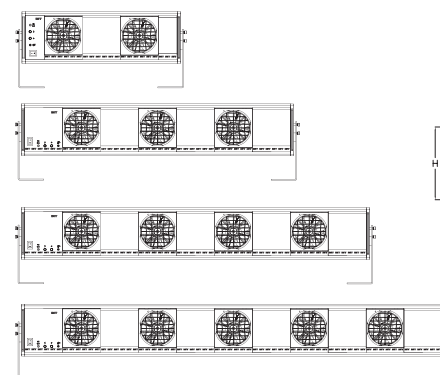
※ 상기 성능그래프는 당사 실험실 기준입니다. (This graph is based on our laboratory environment testing.)

제품외관도 / Dimensions

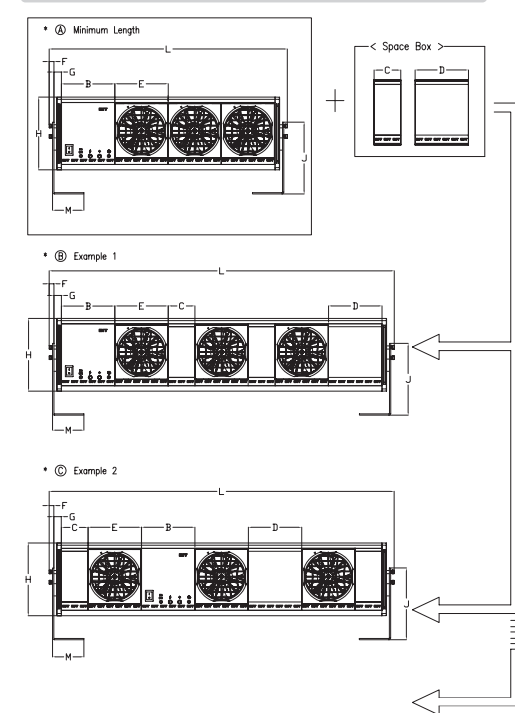
Single type



Standard configurations



Multi-Fan type (Example: 3-fan) Customized configurations



Category	Code	Length[mm]
Control box	A	51.5
Fan module	E	103
Bracket Assy	F	11
Side cover	G	15.2
Height	H	141.9
Depth	I	69.5
Bracket Length	J	137.4
Bracket Depth	K	65
Bracket Width	M	60

	Length[mm]
B	103
C	51.5
D	103
E	103
F	11
G	15.2
H	141.9
I	69.5
J	137.4
K	65
M	60