

ION BLOWER

AMF-A90 Series



제품사양 / Product Specification

Category	Specification
입력 전압 (Input voltage)	AC 100-240V 50/60Hz or DC 24V± 10%
입력 전류 (Input current)	1-fan 400mA
	2-fan 400mA
	3-fan 600mA
	4-fan 800mA
	5-fan 1200mA
소비 전력 (Power consumption)	Max. 29W [5-fan]
방전 전압 (Emitter voltage)	±6.5kV
출력 주파수 (Output frequency)	10Hz
이온 발생 방식 (Ion generating method)	Corona discharge
전압 인가 방식 (Voltage application method)	Pulsed AC
재 질 (Material)	Body : ABS / Emitter pins : Titanium
방전핀 교체 (Emitter replacement)	Replaceable
이온 밸런스 (Ion balance)	Under average ±30V
제전 거리 (Coverage distance)	200mm ~ 1200mm
풍 량 (Air Volume)	Max. 1.75m ³ / min [per 1-fan]
오존발생량 (Ozone generation)	Under 0.005ppm
사용온도 (Ambient temperature)	0℃ ~ +50℃ (32~122°F)
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



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

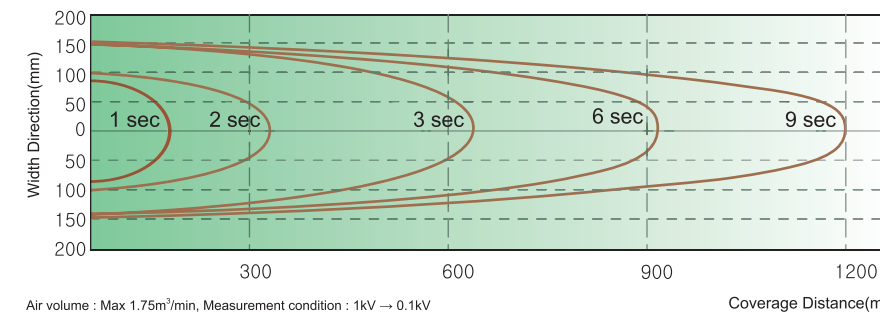
제품성능 / Product Performances

Relation between Distance and Decay Time

Distance (Cm)	Decay Time(sec)									
	1	2	3	4	5	6	7	8	9	10
30			1.8 sec							
60				2.8 sec						
90						5.8 sec				
120									9 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

<Side View> <Front View>

Standard configurations

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

A Minimum length

B Example 1

C Example 2

Category	Code	Length	Remarks
Control Board	A	51.50	1-FAN, 2-FAN
	B	103.00	2-FAN, 3-FAN, 4-FAN, 5-FAN
	C	51.50	
Space Box	D	103.00	
Fan Module	E	103.00	
Bracket Assy	F	13.00	
Side Cover	G	15.20	
Height	H	141.85	
Depth	I	53.75	
Bracket Length	J	167.45	
Bracket Width	K	65.00	
Bracket Depth		60.00	

Category	Code	Min. Length
Blower Lengh	1-FAN	210.1
	2-FAN	313.1
	3-FAN	466.6
	4-FAN	569.6
	5-FAN	672.6