VUV Ionizer (Vacuum Ultra Violet ray)

Electrostatic Total Solution

SVH-K60 / SVP-K60 / SVC-K24

It is a static electricity removal device using vacuum ultraviolet rays (VUV) that can remove static electricity from decompressed and inert gases. Real-time on/off control is easy, minimizing unnecessary VUV exposure to the charger.

Head (SVH-K60)

Controller (SVC-K24)

RF Power Unit (SVP-K60)

Key Features

- High-Performance Specifications
- Capable of removing static electricity in inert gases such as N2 & Ar
- Exhibits maximum static elimination performance under reduced pressure vacuum
- Minimizes process impact with lower heat generation compared to other companies
- Minimizes UV light exposure through real-time On/Off control (within 1 second)
- Displays real-time information about Head Fail and replacement

Specifications

• Head (SVH-K60)

Parameter	Description / Value
Ion Generation Method	VUV ray
Light Source	VUV Lamp
Power Consumption	60W (Max.)
Full Angle Output	70° (Distance 200mm)
Window Material	MgF2
Cooling Method	Air Cooling with Fan
Mounting Method	Flange Mounting
Weight	Standard : 1.1kg / Option : 1.2kg
Warranty	1Year(warranty period) or 2,000Hr(warranty life time)

※ The appearance and specification of the product may be changed without prior notice for the improvement of the product.

• RF Power Unit (SVP-K60)

Parameter	Description / Value
Input Voltage	AC 100~240V, 50/60Hz
Power Consumption	120W (Max.)
Power Fuse	60W
Weight	2.76 Kg

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• Controller (SVC-K24)

Parameter	Description / Value
Input Voltage	24VDC ± 5%
Power Consumption	60W (Max.)
Weight	0.62Kg

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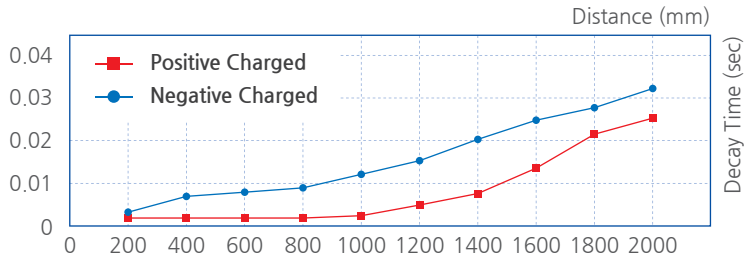
Decay Time Characteristics

According to distance

- Vacuum Level : 3 X 10^{-7} torr
- Charged Voltage : ±1000V → ±100V
- Distance : 200mm ~ 2000mm

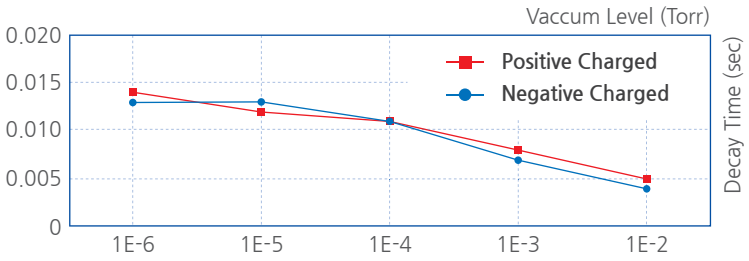
※ The data on the right was measured in our test chamber and may vary depending on the installation environment and conditions.



According to pressure changes

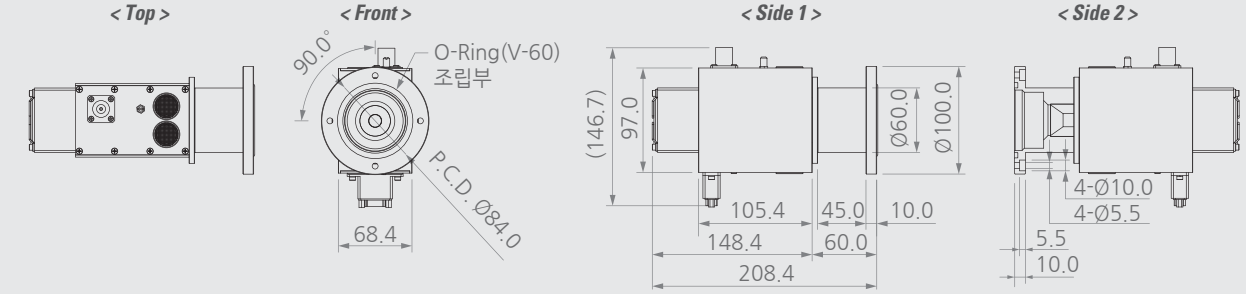
- Vacuum Level : 10^{-2} X 10^{-6} torr
- Charged Voltage : ±300V → ±30V
- Distance : 2000mm

※ The data on the right was measured in our test chamber and may vary depending on the installation environment and conditions.

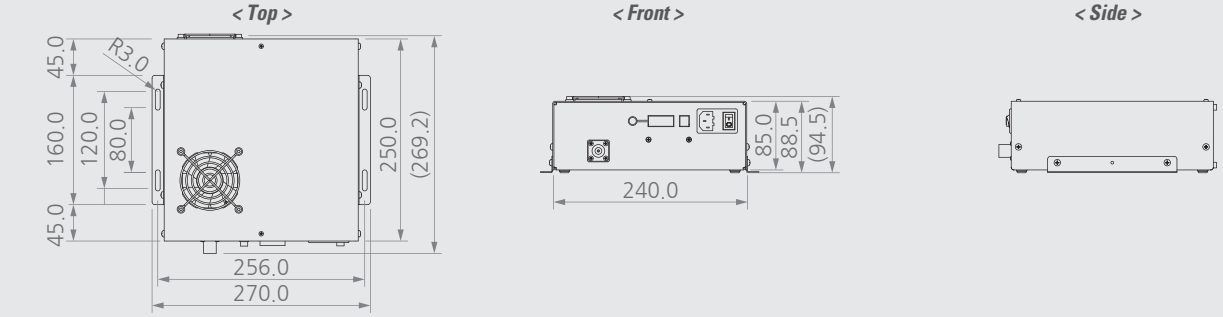


Dimensions

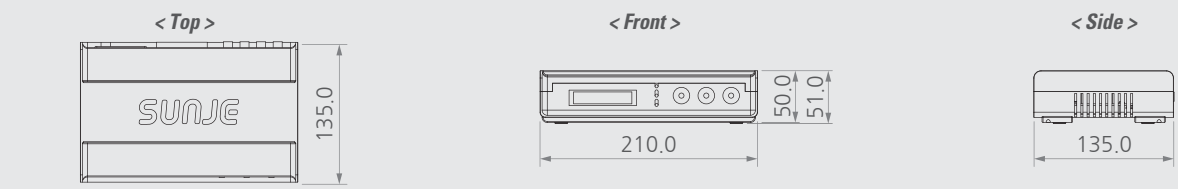
Head (SVH-K60)



RF Power Unit (SVP-K60)



Controller (SVC-K24)



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