



A Unit

Active ionisation equipment operates on high voltage. The power units transform the mains voltage to the high voltage required by the ioniser. There are different types of power units available. Power units are easily connected and operated and don't need any maintenance. The standard model has a modern styling featuring easy-access control and connection. It is equipped with an on/off switch with an indicator lamp as well as a high-voltage indicator lamp. This lamp will extinguish if the system is malfunctioning. 4 ionisers can be connected as a maximum. Variations of the Power Unit:

- + Ayx4z*
- + Ayx5z*
- + Ayx7z*
- + A2A3S; For ionising air nozzle type BW.
- + A2A4S; For anti-static bars operating on 4 kV.
- + A2A5G; For ionising air gun type Cobra.
- + A2A5S; For anti-static bar type MaxION.
- + A2A7S; For anti-static bars operating on 7 kV.

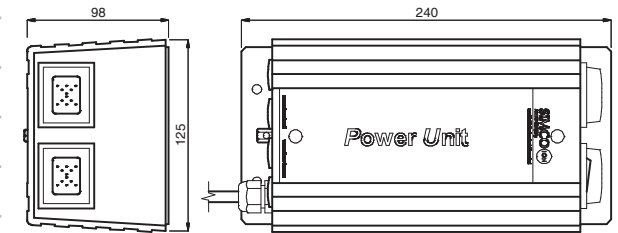
Technical specifications

Housing material	Aluminum and steel, powdercoating
Weight	2,8 kg
Connections	4
On/off switch	Yes with light
High voltage indication	neon lamp
Cable	1,8 m
Ambient temperature	0- 50 °C
Use circumstances	industrial
Protection classification	IP - 54
U primary	115 V or 230 V or 400 V*
Frequency	50 or 60 Hz or 50/60 Hz*
Power consumption	50 Watt
U secondary	3,3 - 7 kV AC*
I secondary	2,5 mA max.
Options	HR, D
Approval	UL*

*Contact Simco-Ion for other voltages, frequencies and approvals.

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Technical drawing A Unit

Load (pf per metre)

Bar	Load (pf per metre)
MEB	75
MEJ	75
MaxION	65
SS bar	75
EP-Sh-N bar	100
Blower	
VolumION	450 (incl. 3 metres shielded cable)
Gun	
Cobra	225 (incl. 6 metres cable)
Cobra	425 (incl. 12 metres cable)
Cable	
Shielded cable (4 kV)	75
Shielded cable (5 kV)	65
Shielded cable (7 kV)	125

*Type indication power supply type A

Options:
S= standard version
E= different cable lengths and / or mains
M= power supply option for the purposes of systems
G= gun Cobra

Ayx7z

Type A

Voltage primary: 1= 115V, 2= 230V, 3= 400V
Frequency: A= 50 Hz, B= 60 Hz, C= 50/60 Hz
Voltage secondary: 3= 3,3 kV, 4= 4,0 kV, 5= 5,0 kV, 7= 7,0 kV

