

APS Air cleaner



The APS electronic air cleaner **selectively treats air-borne pollutants**. Depending on its particular structure, the unit continuously processes air through a **system comprising both mechanical and electrostatic filters**. Last but not least, the APS revitalises the air with an ioniser.

The **mechanical panel filter** traps the larger suspended particles - such as dust, spores and animal hair - while directing air flow for subsequent treatment by the electrostatic filter.

The function of the **electrostatic filter** is based on the principle of electrostatic precipitation. This effect is produced by the high voltage applied to the cell, which by creating an electrostatic field positively charges the particles present in incoming air, drawing them by means of a set of earth plates of different polarities. APS units have a **filtering efficiency of up to 95%** with air humidity greater than 80%.

The in-built electronic **ioniser** then restores a balance between positive and negative ions, **producing a flow of negative ions identical to those generated naturally**. Lasting from a fraction of a second to several minutes, these ions are known for their beneficial health-giving properties.

Technical data

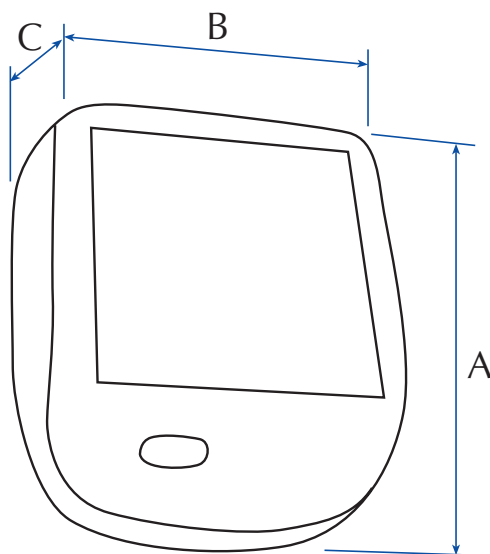
Mod.		APS 200
Total input power	W	170
Total input current	A	0.75
Number of fans	n.	1
Fan type		axial
Filtering efficiency		95%
Plate voltage	V	+3,000
Wire voltage	V	+6,000
Ioniser voltage	V	-6,000
Filtering surface	cm ²	57,880
Number of electrostatic filters	n.	1

Power supply = 1 ~ 230V 50Hz.

	Speed	1^	2^	3^	4^	5^
Total air flow rate	m ³ /h	950	1,200	1,400	1,600	2,000
Sound power	dB (A)	49	54	58	60	65
♪ Sound pressure	dB (A)	40.5	45.5	49.5	51.5	56.5

♪ Sound pressure measured in an 85 m³ semi-reverberant test chamber with reverberation time Tr = 0.5s.

Dimensions (mm)



		APS 200
Height	A	728
Width	B	648
Depth	C	260
Weight	kg	20