



ASPRA® L5000 INduct

Particle filtration, optional gas and odour filtration



Filtration efficiency

99%

Even for PM1 &
Ultra-fine particles!

Product description

The ASPRA L5000 INduct is added in the ventilation duct or to your ventilation system. Hereby, you prevent harmful fine-dust, bacteria, pollen, and fungi from entering your building and eventually into your lungs. Not only is using the ASPRA L5000 INduct beneficial to the health of the people indoors, it also lowers maintenance costs of your ventilation system.

Supplied as Pro-edition: continuous control and monitoring of system settings, performance and status and easy local control as well connection of the system to any other installation of Building Management System (BMS) through Potential Free Contacts or Modbus TCP.

The ASPRA L5000 INduct is suited for air purification in offices, smoke cabins, airports, subway and train stations, shopping malls and more.

What will be removed from the air?

Fine dust Viruses Bacteria Fungi Smells Gases



Benefits

- Equal to HEPA purification
- Kills and captures viruses
- Energy savings due to low pressure drop
- More effective for fine particulate matter than F or G textile/paper filters [for e.g. soot and other traffic air pollution]
- Cleaner Air Handling Unit shafts compared to using traditional filters
- No risk of fungal growth and mold like in textile/paper filters.
- Safe and easy replacement of saturated collectors by anyone

Product details

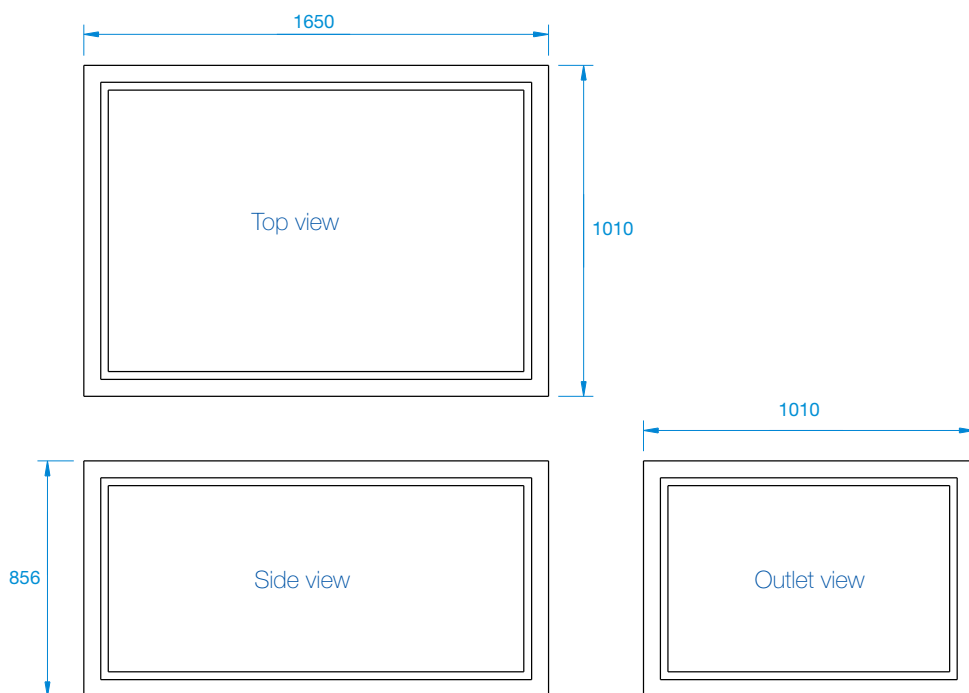
Order code (Pro)	VFA10067P
Recommended max. air flow	5000 m³/h per module
Power	70 W
Sound	0 dB
Efficiency	99 %
Size	1650 x 1010x 856 mm <small>(excl. connection pieces)</small>
Connection diameter	On request
Weight	~560 kg
Materials	Galvanized steel (internal) + insulated housing
Standard collectors	Collector (EF collector)
Air cleaning technology	ASPRA (optional Active Carbon)
Power input	~230 V/ 50 - 60 Hz <small>also available for ~110 V</small>
Colours	Grey
Installation	Indoors or outdoors
Operation conditions	0 to 50 °C with RH of 0 to 90%
Control	Autonomously controlled by PLC + flow sensor; GBS ready by means of modbus TCP or potential free contacts
Including	Collectors (EF collector)
Excluding <small>(necessary for mounting)</small>	Mounting and connection materials

Collectors and filters	Order code
Collector KIT ASPRA L5000 INduct (2pc)	C PMC EF150-2
VFA Active Carbon Cylinder ASPRA L5000 INduct (1pc, optional)	

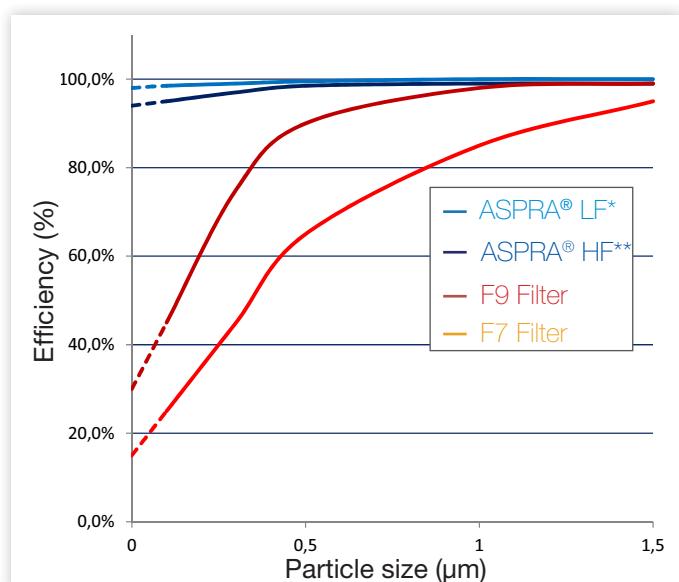
Suggested customizations
RVS material
Non-insulated housing
Connection to duct
Pre-filter
Moisture absorber



Sizes



Initial filter efficiency per particle size



The smaller the particle, the more harm it can cause to your health. ASPRA collectors are not only efficient for large particles, but are also very efficient for the smallest particles as opposed to conventional F9 and F7 filters.

* LF= efficiency at low air flow ** HF= efficiency at high air flow