



ASPRA® Fresh Air



Product description

The ASPRA Fresh Air is modular decentralized ventilation and air purification in one. It is a ventilation system that both supplies fresh air and allows recirculation of air from the room.

The fresh air/recirculation ratio is controlled by electric valves controlled by an indoor air quality sensor (CO₂, temperature and relative humidity) located in the room.

Both fresh air and recirculated air are filtered and purified, resulting in clean air free of fine particles and pathogens, regardless of their origin (indoor or outdoor).

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	VFA-011051
Recommended max. air flow	1250 m ³ /h
Power	14 W
Sound	Installation dependent (45-55 dB(A))
Efficiency	99,9%
Size	Installation dependent, basic installation Ø315 x 2500 mm excl. accessories
Connection diameter	Flanged tube Ø315 mm internal
Collector pressure drop	63 Pa at 1250 m ³ /h
Weight	17 kg
Materials	Galvanised steel
Standard collectors	Collector
Air cleaning technology	ASPRA (optional Active Carbon)
Power input	~230 V/ 50 - 60 Hz also available for ~110 V
Colours	Steel
Installation	Mounted to wall or (above) ceiling
Regulation	Central
Control	CO ₂ , tempature and humidity activated
Including	3 Flange clamps, 1 L Square Collecting unit, Collector, 2 connection pieces

Suggested customizations

Custom RAL colour coating

Collectors and filters	Order code
Collector ASPRA L1250	C L EF110
VFA Active Carbon Filter L1250 (optional)	ACF L1250

Filtration efficiency

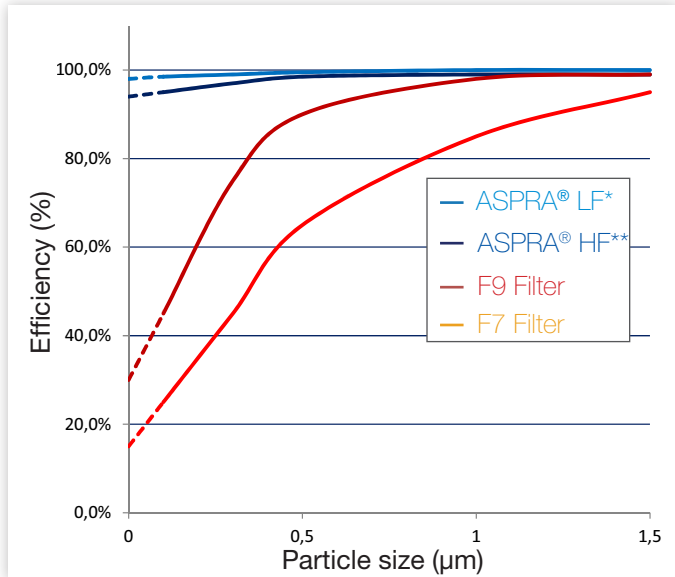
99,9%

Even for PM1 &
Ultra-fine particles!



VFA®-Solutions
clean air everywhere

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

ASPRA® is tested and certified by:

