



PLA900 In Ceiling Inline High Capacity HEPA Air Purifier

Filters the air coming from air exchangers while continuously filtering the inside air.

- Compact: easily fit in space on top of suspended ceilings.
- Quiet: fully enclosed acoustically dampened. We recommend using an acoustic muffler in the exhaust.
- Continuously filters inside air and fresh air coming from outside.
- 3 speeds.
- G4 Grade Carbon Particulate and VOC Pre-Filter.

MODEL	AIRFLOW					
	SPEED 1		SPEED 2		SPEED 3	
	m ³ /h	cfm	m ³ /h	cfm	m ³ /h	cfm
PLA900	250	147	500	294	900	530



Simple Design

We started with the most important part; the filter. Military grade HEPA filter membrane.

- Cylindrical design
- More surface area
- More airflow
- Greater filter longevity

We then selected the most efficient motor to move the air through it. We finally built the shell around it.

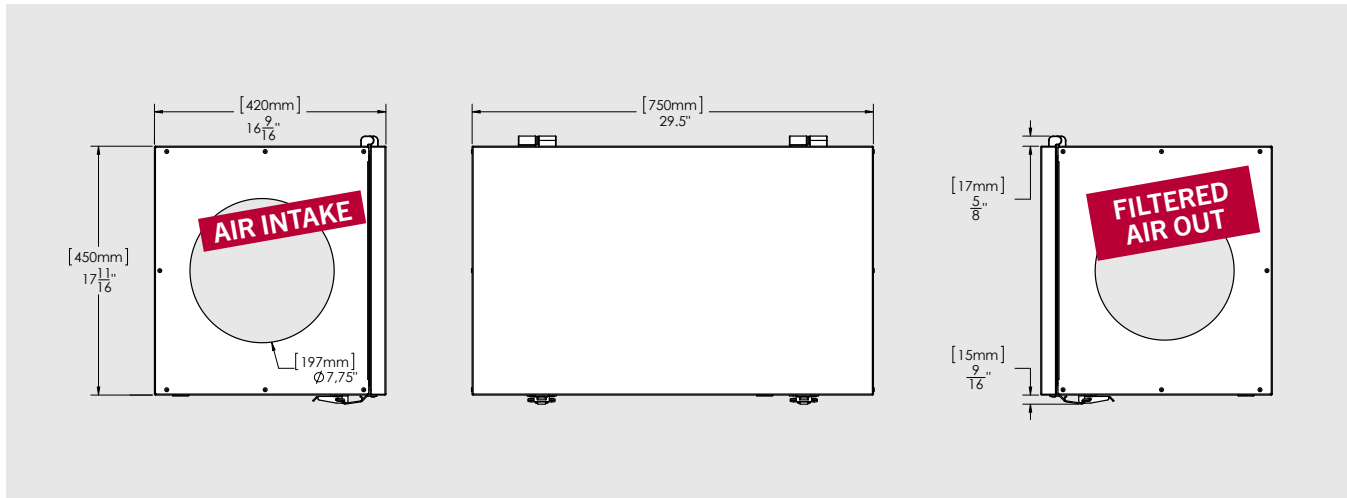


TRUE HEPA IS BETTER THAN REGULAR FILTERS

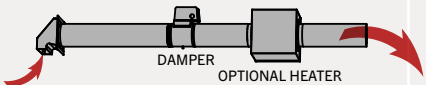
PM 2.5
2.5 microns
●
0.3 micron

Orkan uses only TRUE HEPA filters. To be called TRUE HEPA filter it needs to remove 99.97% of particulates measuring 0.3 microns. That's 8 times smaller than the largest PM 2.5 particulates.

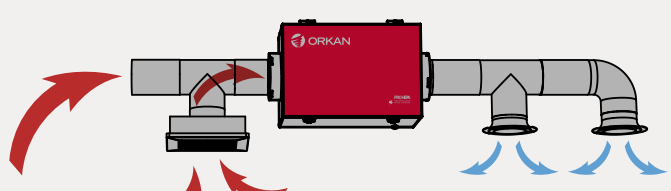
No particulate of 2.5 microns should be able to pass through our filter.

DIMENSIONS ORKAN PLA900

TYPICAL INSTALLATIONS

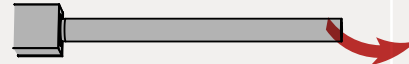
FRESH AIR FROM OUTSIDE



DAMPER
OPTIONAL HEATER



AIR FROM CENTRAL DISTRIBUTION SYSTEM IN A BUILDING

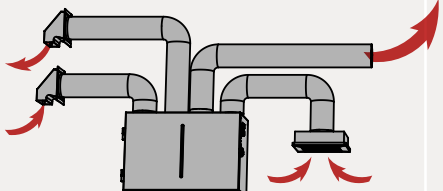


Creates a positive pressure inside that push away contaminants from other spaces.

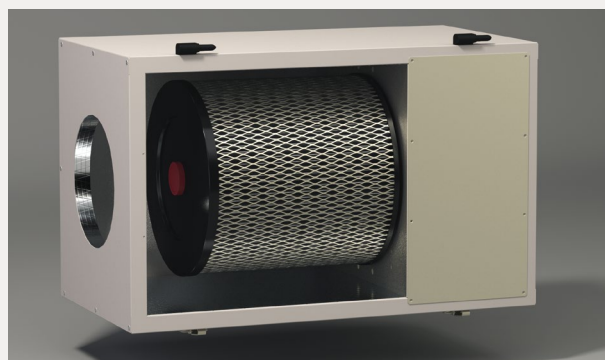
All the contaminated exterior air is filtered before being distributed to the apartment.

Fresh air from inside is continuously filtered in a loop. Even when there is no fresh air from outside coming in.

AIR EXCHANGER



Help remove moisture from air before it goes to the filter. Can also save some energy.



SPECIFICATIONS
PLA900

Dim.:	W 41.0 cm (16.125")	Airflow: 250 m ³ /h (147 cfm)
	L 66.0 cm (26")	500 m ³ /h (294 cfm)
	H 38.1 cm (15")	900 m ³ /h (530 cfm)
	Voltage: 120V - 60 Hz	Power: 0.6A
		Weight: 19.5 kg (43 lb)

