



Portable air purifiers for commercial and healthcare settings. Manufactured with aluminium profile structure and sandwich-type panels made of galvanised sheet steel, externally painted, plus 25 mm acoustic insulation, which gives them a high attenuation of radiated sound levels.

Versions

- Comes in vertical and horizontal airflow versions.
- Available with three different filtration levels depending on the type of particle or contaminant to be filtered (see table on next page).

With the exception of the F7 pre-filters, all other filters come in bags to protect them from dust and environmental contaminants. Absolute filter assembly system using threaded knobs, which guarantees good tightening between filter and frame, minimising the air by-pass outside the normal filter in the filters mounted on guides.



Built-in diffuser
The air diffuser distributes the purified air in the four different directions, distributing the airflow throughout the room.



Certified HEPA H14 efficiency
Minimum 99.995% filtration according to regulation EN-1822. Each PAP purifier includes an individual certification that states that each filter has passed the corresponding laboratory test.



PAP 650 AC and PAP 650 VOC versions
Wire mesh filters filled with absorbent pellet material. The built-in filters in these versions absorb odours and/or gases and VOCs from the environment using the principle of adsorption and chemisorption.

Fan

High-pressure backward fan available, with brushless DC motor, high-efficiency and low consumption, power supply 230V±10% 50/60Hz, IP44, ball bearings, thermal protector. They include a stop/start switch and a manual potentiometer that allows the air flow setting to the premises' needs.

Other data

All versions come with 4 wheels, making it easy to move the unit to the desired location. Two wheels are equipped with a foot brake to prevent the purifier from moving unintentionally. Designed for indoor usage. PAP 850 Models: Working temperature from -10°C to +50°C. Maximum relative humidity: 90%. PAP 650 Models: Working temperature from -10°C to +40°C. Maximum relative humidity: 70%.



Precise, easy-to-use
Stop/Start switch and manual potentiometer for precise airflow settings.



Large-sized wheels
Its 60 mm diameter wheels make it easy to move the unit. Once in its final position, the built-in foot brake on two of the wheels prevents unwanted movements.



Heavy-duty design
Its aluminium profile structure and the 25 mm thick sandwich panels make it extremely robust, and ideal for professional use.



TECHNICAL CHARACTERISTICS

It is imperative to check that the electrical characteristics (voltage, current, frequency, etc.) of the motor shown on the motor rating plate are compatible with those of the installation.

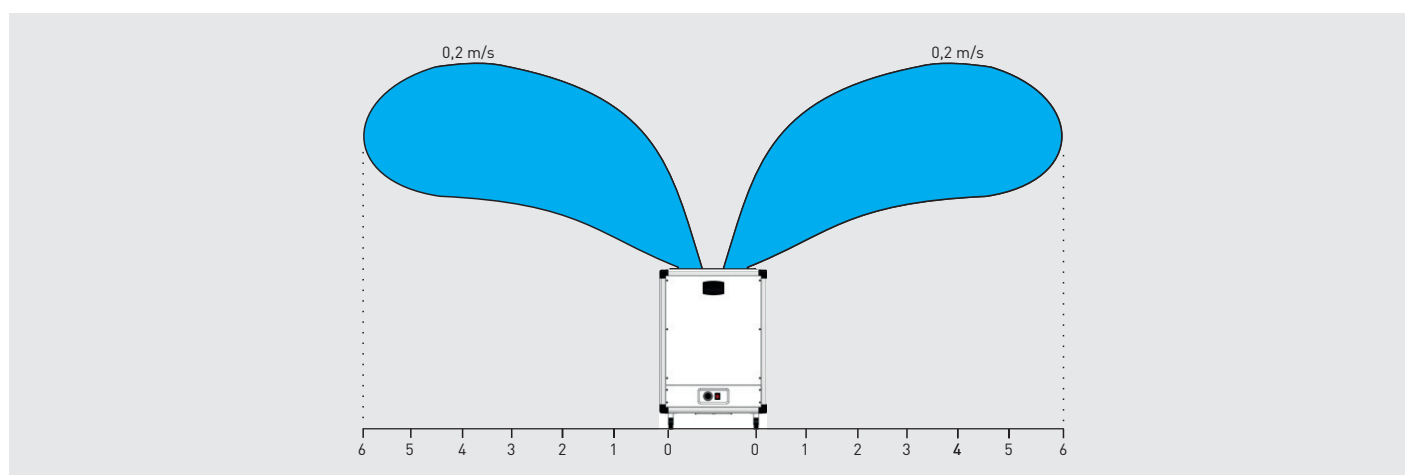
Model	Power (W)	Maximum intensity (A)	Power supply	Speed (r.p.m.)	Flow rate with clean filter (m³/h)	Flow rate with dirty filter (m³/h)	Surface area involved* (m²)
PAP 850 H14	180	1,2	1F /230V, 50-60Hz	2900	850	600	60 - 80
PAP 650 CA H14	178	1,1	1F /230V, 50-60Hz	2900	700	500	50 - 67
PAP 650 VOC H14	178	1,1	1F /230V, 50-60Hz	2900	700	500	50 - 67

* Commercial and office spaces with a 3-meter ceiling height.

VERSIONS DEPENDING ON THE SUPPLIED FILTERS

Modelo Horizontal	Vertical	Filters	Filtration capacity
PAP 850 H14	PAP 850V H14	F7 + H14	Dust, Pollen, Spores, Bacteria, Viruses, Fine Suspended Particles (PM ₁ , PM _{2,5} and PM ₁₀)
PAP 650 CA H14	PAP 650V CA H14	F7 + carbón activo + H14	Bacteria, Viruses, Fine Suspended Particles (PM ₁ , PM _{2,5} and PM ₁₀) + Odours
PAP 650 VOC H14	PAP 650V VOC H14	F7 + Filtro VOC + H14	Dust, Pollen, Spores, Bacteria, Viruses, Fine Suspended Particles (PM ₁ , PM _{2,5} and PM ₁₀) + Odours + Formaldehyde, Ethylene, CO, SO₂, NO_x and VOC

AIR RANGE



Corresponding to the PAP 850 H14 vertical model.

ACOUSTIC CHARACTERISTICS

PAP 850 H14

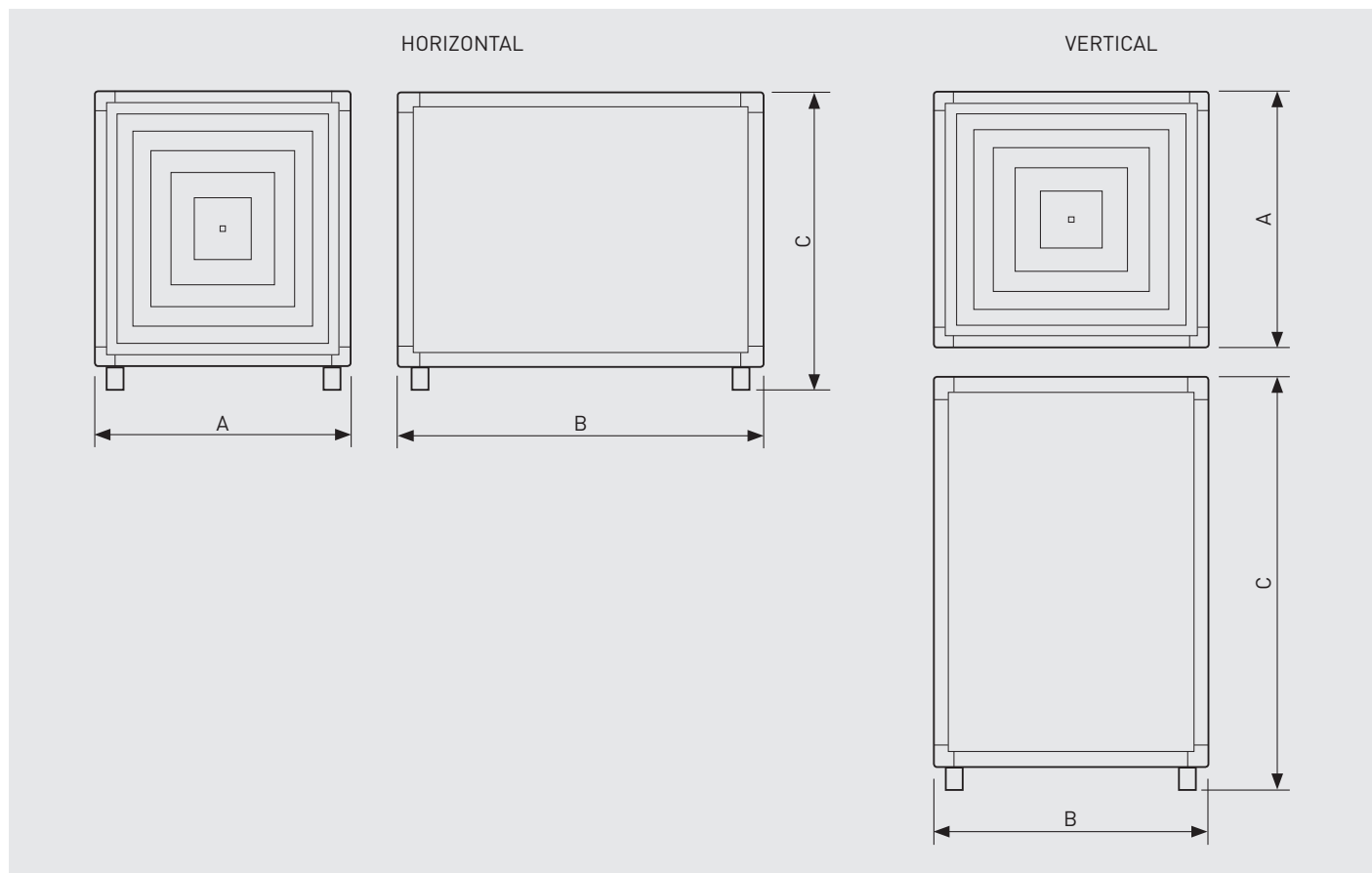
Potentiometer position	Sound power level (LwA)	Sound pressure level (LpA at 3 m)	Sound pressure level (LpA at 5 m)
10V	70,9	50,4	45,9
8V	68,3	47,8	43,3
6V	61,9	41,4	36,9
4V	53,0	32,5	28,0

PAP 650 VOC H14 / PAP 650 CA H14

Potentiometer position	Sound power level (LwA)	Sound pressure level (LpA at 3 m)	Sound pressure level (LpA at 5 m)
10V	69,9	49,4	44,9
8V	67,8	47,3	42,8
6V	61,9	41,4	36,9
4V	53,0	32,5	28,0

Values in dB(A) measured in an open area.

DIMENSIONS (mm)



Model	A	B	C	Weight (kg)
Horizontal models				
PAP 850 H14	550	735	605	48
PAP 650 CA H14	550	735	605	52
PAP 650 VOC H14	550	735	605	52
Vertical models				
PAP 850V H14	520	550	820	48
PAP 650V CA H14	520	550	820	52
PAP 650V VOC H14	520	550	820	52

SELECTION GUIDE

Setting tables based on the application.

Speed adjustment potentiometer positioning based on the room's characteristics and dimensions.

PAP-850 H14 model

Low-occupancy premises (receptions and hotel rooms, doctors' offices, dentists' offices, business offices):

Height (m)	Surface area (m ²)						
	30	40	50	60	70	80	100
5	7	9	-	-	-	-	-
4,5	7	8	10	-	-	-	-
4	6	7	9	10	-	-	-
3,5	5	7	8	9	10	-	-
3	5	6	7	8	9	10	-
2,5	4	5	6	7	8	9	10

Medium-occupancy premises (offices, meeting rooms, shops, classrooms):

Height (m)	Surface area (m ²)						
	20	25	30	35	40	55	70
5	7	8	9	10	-	-	-
4,5	6	7	8	9	10	-	-
4	5	7	7	8	9	-	-
3,5	5	6	7	7	8	10	-
3	5	5	6	7	7	9	-
2,5	4	5	5	6	7	8	10

High-occupancy premises (cafés, restaurants, waiting rooms, offices, meeting rooms, shops, classrooms):

Height (m)	Surface area (m ²)						
	20	25	30	35	40	45	55
5	8	9	10	-	-	-	-
4,5	7	8	9	-	-	-	-
4	7	8	9	10	-	-	-
3,5	6	7	8	9	10	10	-
3	5	6	7	8	9	9	-
2,5	4	5	6	7	8	8	10

PAP-650 CA H14 and PAP-650 VOC H14 model

Low-occupancy premises (receptions and hotel rooms, doctors' offices, dentists' offices, business offices):

Height (m)	Surface area (m ²)					
	30	40	50	60	70	80
5	8	10	-	-	-	-
4,5	8	9	-	-	-	-
4	7	8	10	-	-	-
3,5	6	8	9	10	-	-
3	6	7	8	9	10	-
2,5	5	6	7	8	9	10

Medium-occupancy premises (offices, meeting rooms, shops, classrooms):

Height (m)	Surface area (m ²)					
	20	25	30	35	40	55
5	8	9	10	-	-	-
4,5	7	8	9	10	-	-
4	6	8	8	9	10	-
3,5	6	7	8	8	9	-
3	6	6	7	8	8	10
2,5	5	6	6	7	8	9

High-occupancy premises (cafés, restaurants, waiting rooms, offices, meeting rooms, shops, classrooms):

Height (m)	Surface area (m ²)					
	20	25	30	35	40	45
5	9	10	-	-	-	-
4,5	8	9	10	-	-	-
4	8	9	10	-	-	-
3,5	7	8	9	10	-	-
3	6	7	8	9	10	10
2,5	5	6	7	8	9	9

EXTRA FILTERS

Purifier model	F7 pre-filter	CA/VOC Filter	H14 Absolute filter	No. of filters
PAP 850 H14	AFR F7 PAP 850/650	-	AFR H14 PAP 850/650	1
PAP 650 CA H14	AFR F7 PAP 850/650	AFR CA PAP 650	AFR H14 PAP 850/650	1
PAP 650 VOC H14	AFR F7 PAP 850/650	AFR VOC PAP 650	AFR H14 PAP 850/650	1