



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.

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%.



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.



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.

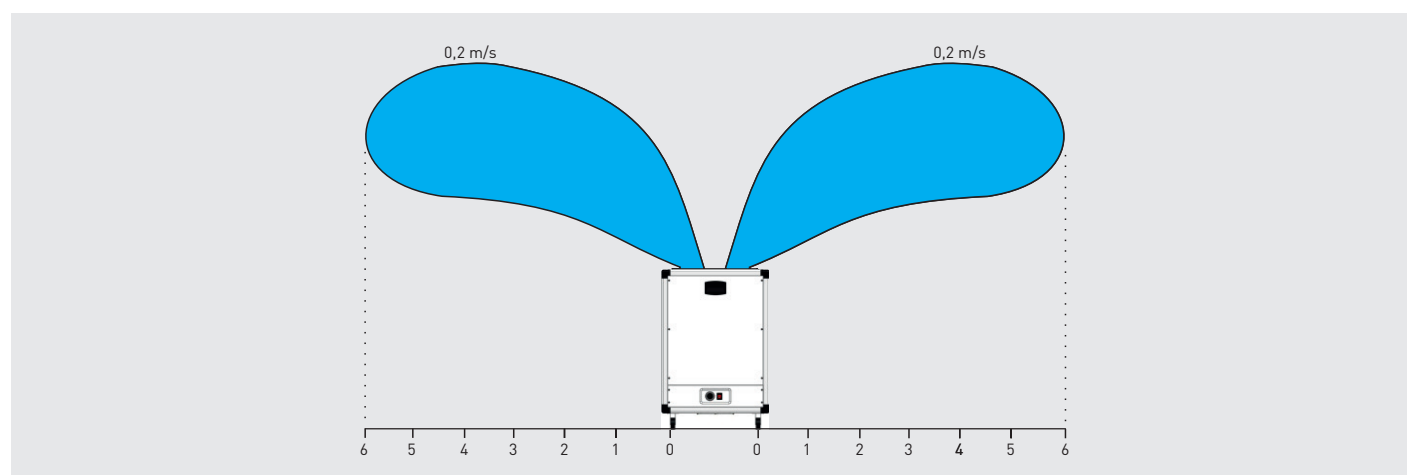
| Model | Power (W) | Maximum intensity (A) | Power supply | Speed (r.p.m.) | Flow rate with clean filter (m³/h) | Flow rate with dirty filter (m³/h) | Surface area involved* (m²) |
|-----------------|-----------|-----------------------|-------------------|----------------|------------------------------------|------------------------------------|-----------------------------|
| 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

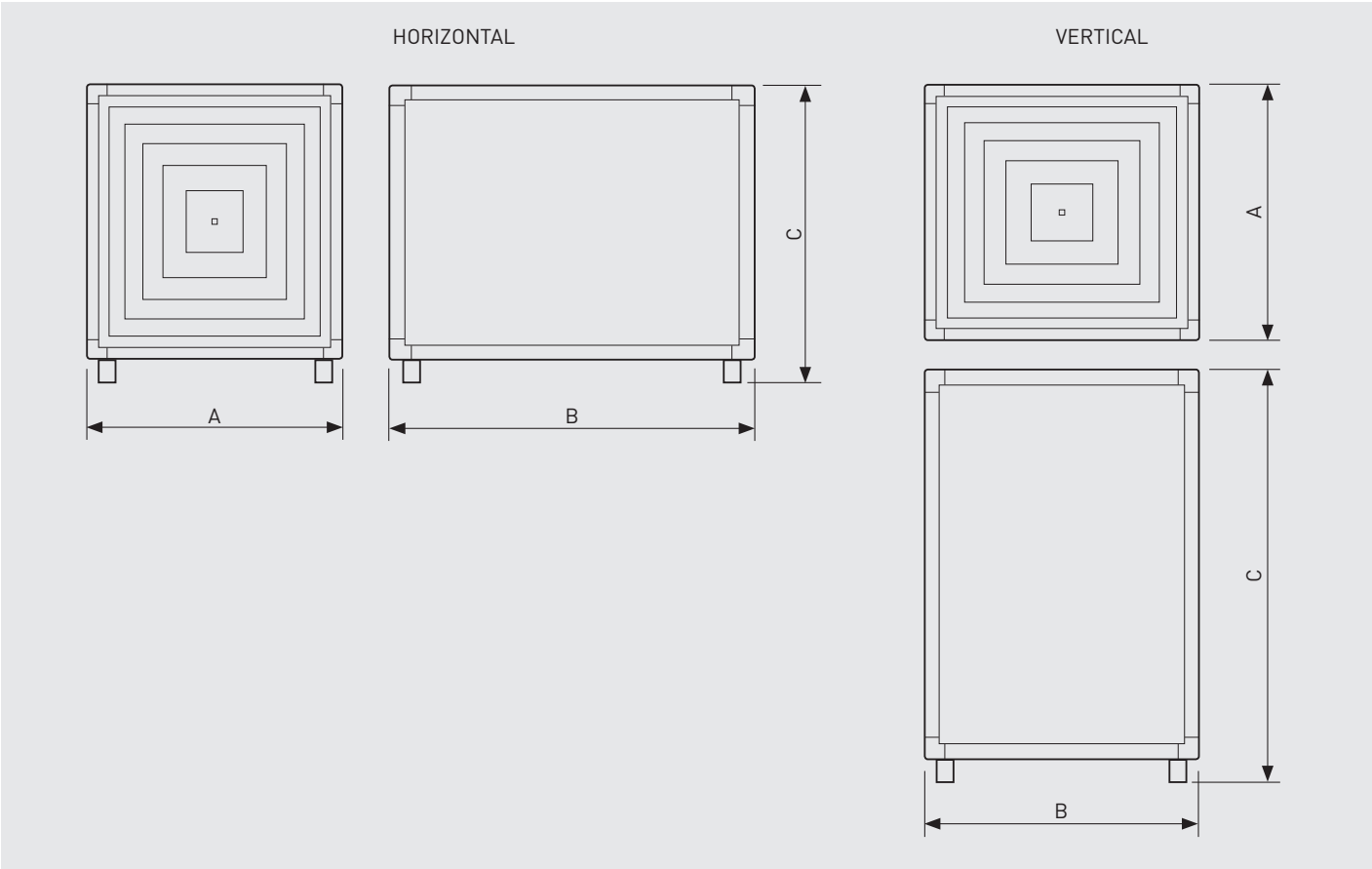
| Potentiometer position | Sound power level (LwA) | Sound pressure level (LpA at 3 m) | Sound pressure level (LpA at 5 m) |
|------------------------|-------------------------|-----------------------------------|-----------------------------------|
| 10V | 70,9 | 50,4 | 45,9 |
| 8V | 68,3 | 47,8 | 43,3 |
| 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 (m²) | | | | | | |
|------------|-------------------|----|----|----|----|----|-----|
| | 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 (m²) | | | | | | |
|------------|-------------------|----|----|----|----|----|----|
| | 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 (m²) | | | | | | |
|------------|-------------------|----|----|----|----|----|----|
| | 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 (m²) | | | | | |
|------------|-------------------|----|----|----|----|----|
| | 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 (m²) | | | | | |
|------------|-------------------|----|----|----|----|----|
| | 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 (m²) | | | | | |
|------------|-------------------|----|----|----|----|----|
| | 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 |