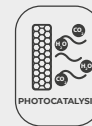


# UPM/EC PCO

Mobile air purifying units with photocatalysis-based technology



Mobile air purification units with technology based on photocatalysis, designed for disinfecting and purifying indoor air and surfaces in any type of high occupancy premise.

**Characteristics:**

- 40 mm aluminium profile structure.
- Wheel kit.
- Plug & Play system with integrated control.
- Adjustable filter change alarm.
- Covers with a high quality, 25 mm thick acoustic casing made of prefinished sheet.
- Backward curved impeller.
- Washable pre-filter.
- Built-in photocatalyst device with negative ionisation.
- Additional filtration stages: F7 + HEPA H14.

- Inspection cover for filter maintenance and replacement.

**Motor:**

- High efficiency EC Technology motors, outer rotor adjustable via 0-10 V signal.
- Single-phase 200-240 V 50/60 Hz and three-phase 380-480 V 50/60 Hz.
- Maximum temperature of air to be carried: -25 °C +60 °C.

**Finish:**

- Structure of anodised aluminium profiles and pre-lacquered sheet metal with 25 mm thermal and acoustic insulation panels.

**On request:**

- Particulate matter sensor for automatic control SI-PM2.5+VOC or SI-CO2+VOC.

## Order code

**UPM/EC PCO — 310**

UPM/EC PCO: Mobile air purifying units with photocatalysis-based technology

Impeller diameter in mm

## Filter characteristics

STANDARD FILTERS	EN 779 <i>Em</i>	EN 1822	ISO 16890			
			ISO ePM <sub>1</sub>	ISO ePM <sub>2,5</sub>	ISO ePM <sub>10</sub>	ISO COARSE
F7	90%	-	>50%	>65%	>85%	-
H14	-	>99.995%	-	-	-	-

## Technical characteristics

Model	Recommended effective working area <sup>1</sup> (m <sup>2</sup> )	Speed (r/min)	Power (W)	Power supply	Sound pressure level at 50% of max speed. <sup>2</sup> dB (A)	Maximum flow rate (m <sup>3</sup> /h)	Approx. weight (Kg)
UPM/EC PCO-310	100	2377	450	200-240V 50/60Hz 1Ph	55	800	56
UPM/EC PCO-400	160	1550	460	200-240V 50/60Hz 1Ph	47	1300	98
UPM/EC PCO-500	240	1250	1150	380-480V 50/60Hz 3Ph	51	1950	166

<sup>1</sup>Recommended effective working area with a 3-meter-high premises.

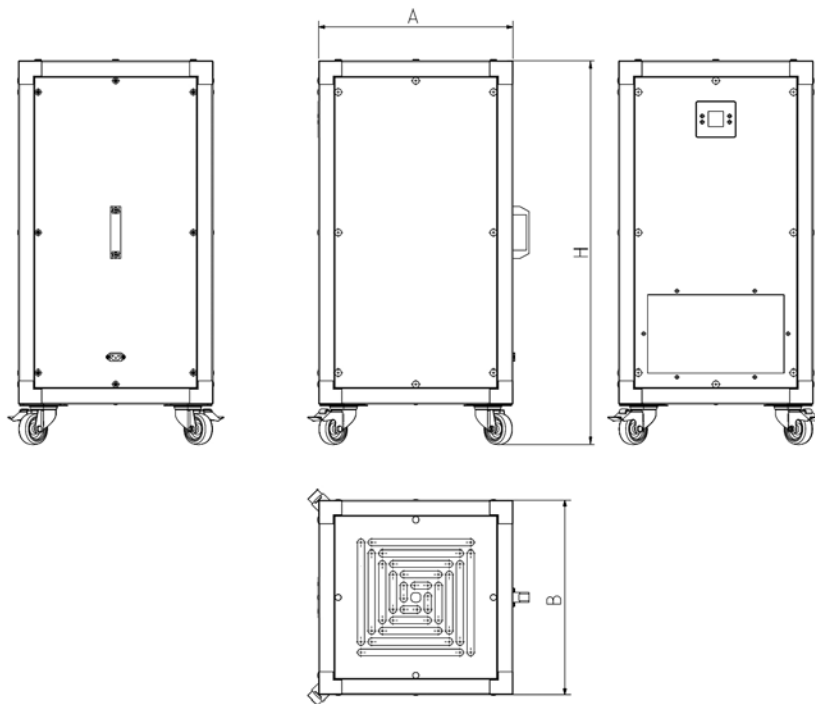
<sup>2</sup>Irradiated sound pressure level in dB(A) at a distance of 3 m.



## Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

### Dimensions mm



	<b>A</b>	<b>B</b>	<b>H</b>
UPM/EC PCO-310	500	500	985
UPM/EC PCO-400	701	701	1186
UPM/EC PCO-500	901	901	1386