



**ADVANTAGES**

- Scanned EN1822 tested H14 filters ensuring 99,995% filtration efficiency at the Most Penetrating Particles Size
- Easy to clean thanks to the flatness of the main body and the suction hood made from cleaning agent resistant plastic (PETG)
- Plug and play unit easy to move thanks to 4 wheels
- Achieves 8 air changes in high risk areas

<b>Application</b>	Air Purifier designed to meet the needs of healthcare, hygienists, and laboratory needs. At source removal of airborne contaminants such as viruses, bacteria, and particulate matter.
<b>Product voltage (V)</b>	200...240V
<b>Installation Options</b>	The easy adjustment of the arm enables a perfect integration with any Healthcare Treatment Unit (eg. Dental chair) mitigate the risk of re-breath airborne infection between the Doctor, patient and other assistants.
<b>Comment</b>	Individually scanned filters: Certificate with minimum efficiency on MPPS (most penetrating particle size) typically between 0.1- 0.2 µm. Installation: Floor Design: White Air flow: 0-300m <sup>3</sup> /h Accessories: IoT sensor with PM1 particle counter (Camfil AirImage) enable to monitor fine particles concentration in the air and connected to CityH control automatically the airflow accordingly the concentration measured. An IoT platform enables remote control of the concentration and/or connection with smart TV screen to showcase environment wellness.

City H is equipped with 2 HEPA H14 filters individually certified according to EN1822, the scan test certificate accompanies each filter as a guarantee of expected performance.

The efficiency of HEPA filters is measured in MPPS (most penetrating particle size), which is the particle size that is most likely to navigate its way through a filter that represents the lowest efficiency of the filter. MPPS is generally between 0.1 and 0.25 microns. This means that a filter in class H14 allows for a passage of 0.005% of the particles of 0.1 microns. For smaller or larger particles, the performance of that filter is even better. HEPA filters are also used in operating rooms, analysis labs, high containment laboratories (BSL3/ BSL4), and in pharmaceutical industries.

Type	Dimensions WxHxD (mm)	Weight (kg)
City H	454x1290x454	25
HEPA 14	300x460x98	2.0

\*Includes 2pcs H14