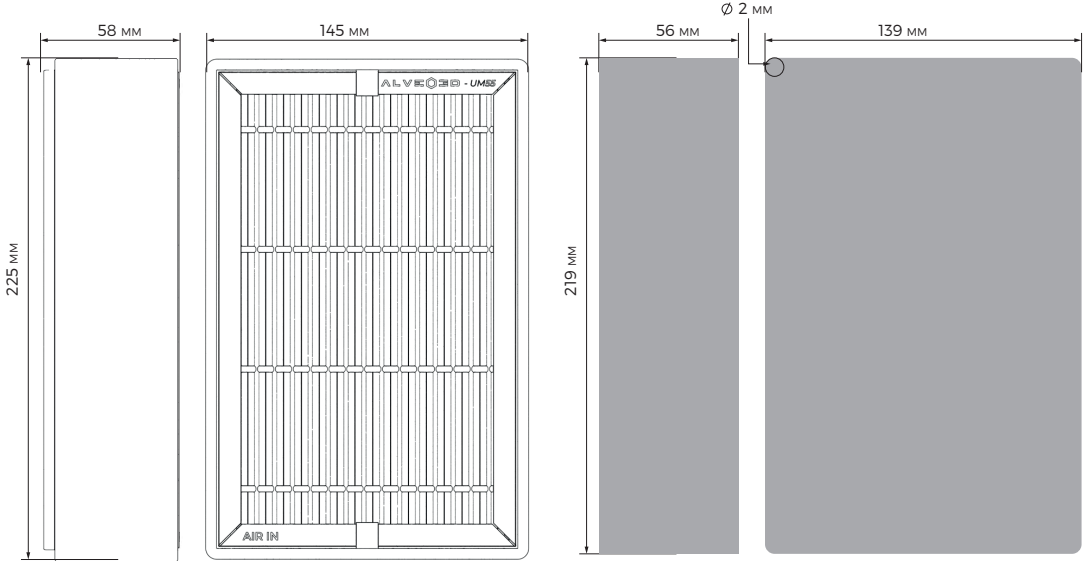


FILTER FOR 3D RPINTER



◆ TECHNICAL DIMENSIONS



Dimensions include the sealing foam $\pm 0.5\text{mm}$.

We recommend using these dimensions to design a housing for the filter.

◆ USE

Lifespan

The recommended lifespan is 900 hours under the least favorable usage conditions (emissive filaments such as ABS, PC, ASA, with high operating temperatures: 45°C-60°C, humidity, ambient dust). Intensive usage corresponds to approximately 3 months of lifespan.

We recommend changing the filter every 6 months after opening, in the case of occasional use or under less demanding conditions (usage at room temperature, use of less emissive filament: PLA, PETG, TPU).

FILTER FOR 3D RPINTER

HEPA Filter (High Efficiency Particulate Air) of category H13, effective at 99.95% for the most penetrating particle size (MPPS) 0.3µm, combined with 1-3 mm activated carbon granules.

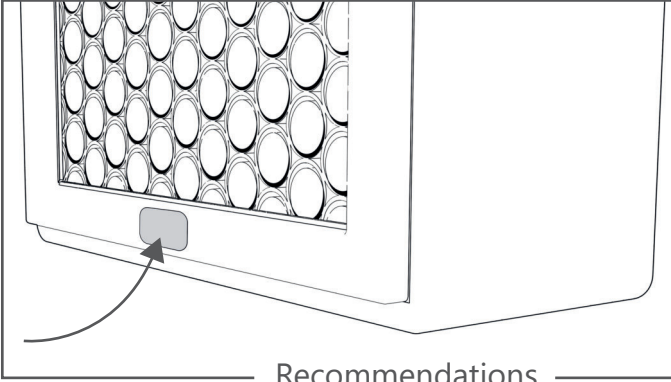
◆ TECHNICAL SPECIFICATIONS

External dimensions	225 x 145 x 58mm
Frame dimension	215 x 135 x 55 mm
Weight	420 g
Sealing	PU foam
Filter category	HEPA H13
Type of activated carbon	Granules 1-3 mm
Filter composition	Pleated surface & honeycomb
Filter media	PP, PET, coconut shells
Air resistance	50 Pa
Maximum air flow	50 m ³ /h
Maximum air flow rate (filter output)	0,6 m/s
Operating temperature	0-60 °C
Media protection	Polyester Grid

FILTER FOR 3D RPINTER



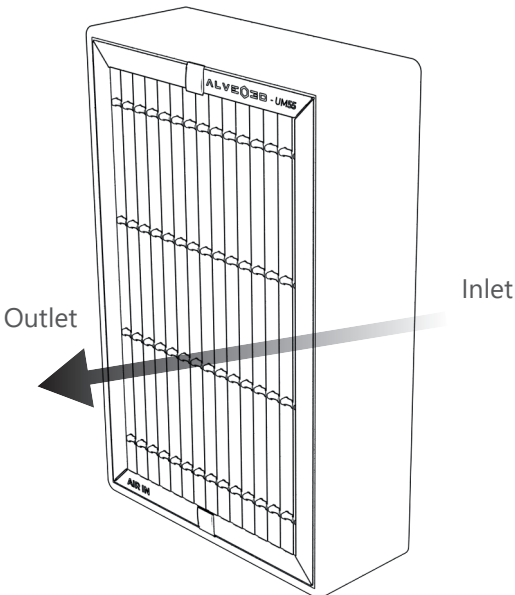
HEPA filters (High Efficiency Particulate Air) of category H13 with 99.95% efficiency for the most penetrating particle sizes (MPPS) $0.3\mu\text{m}$. This category of filter is recommended by the National Center for Scientific Research (CNRS) for FDM 3D printers.



In case of use with the Ultimaker Air Manager system, we recommend using the sticker to ensure filter detection.

Position the sticker on the filter foam opposite the presence sensor.

Airflow direction



Recommendations

Handle the filter with care. If the surface of the HEPA filter (white pleated surface) is damaged, the filter loses its effectiveness.

Protect your hands when handling a used filter and dispose of it in the provided zip bag.

A saturated filter is not recyclable.