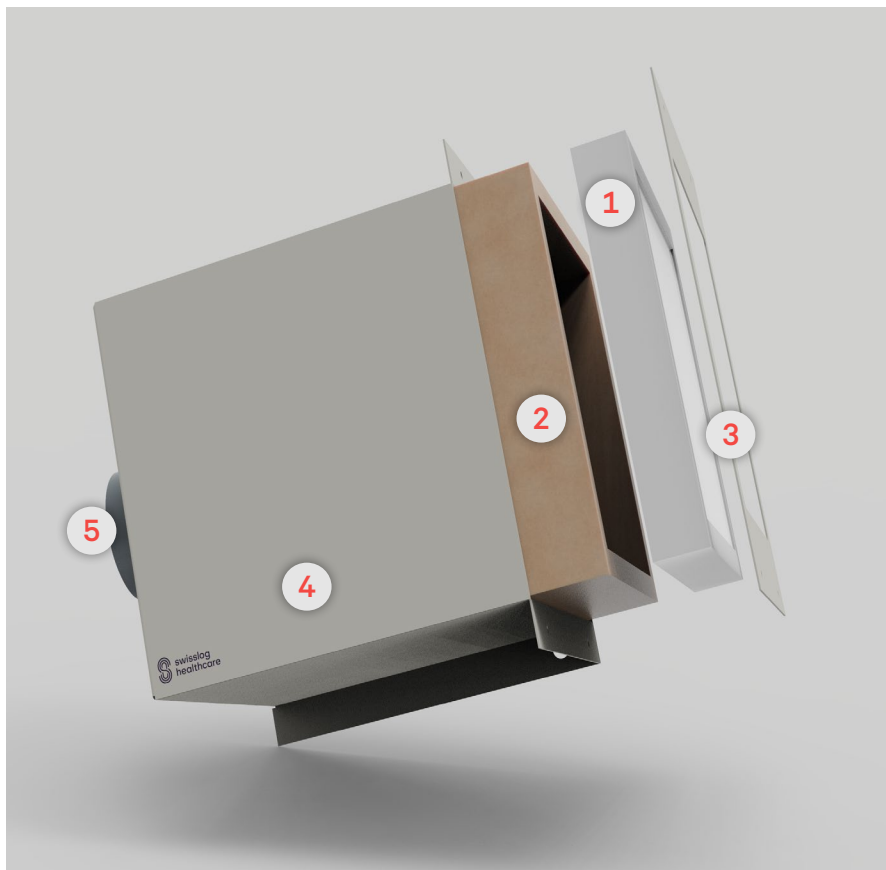## TranspoNet
HEPA Filter 1D

The TranspoNet HEPA Filter 1D is for filtering air used for transporting pneumatic tube carriers.

HEPA stands for «High Efficiency Particulate Airfilter». These filters are able to separate particles like dust, viruses, pollen and bacteria.

+ The filter used in the TranspoNet system is of class H13

+ Filter class H13 has an efficiency of 99,95 % for particles between 0,1 and 0,3 μm

+ Can be integrated into existing TranspoNet systems

+ The filterbox has been designed to facilitate filter replacement

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1	Pre-Filter F7
2	HEPA-Filter H13
3	Sheet metal lid (RAL 9002)
4	Housing (RAL 9002)
5	Ø 110 mm tube connection

DIMENSIONS

Art-No.	Description	Height x Width x Depth	Weight
0027234	HEPA Filter 1D	380 x 310 x 402 [mm]	22.0 kg

COMPONENTS

Art-No.	Description
0027218	Pre-Filter F7
0027232	Sheet metal lid
0027217	HEPA Filter H13

OVERVIEW OF PARTICLE FILTERS

Filter subdivision	Filter class	filtration efficiency (total)*
EPA	E10	> 85 %
Efficient Particulate Air Filter	E11	> 95 %
	E12	> 99,5 %
HEPA	H13	> 99,95 %
High Efficiency Particulate Air Filter	H14	> 99,995 %
ULPA	U15	> 99,9995 %
Ultra Low Penetration Air Filter	U16	> 99,99995 %

* Separation efficiency in MPPS (Most Penetrating Particle Size) range from 0,1 to 0,3 μm

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