

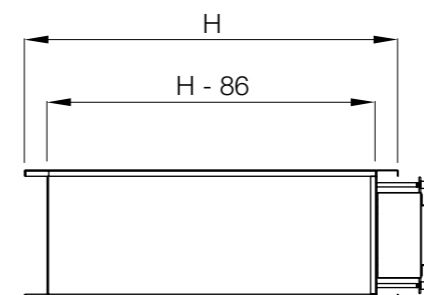
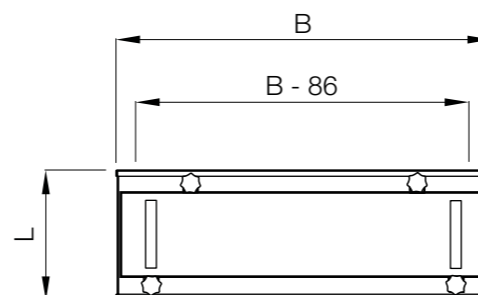
Product catalog

PSCU

Prefilter safe change unit

Air filtration

Version 1.0.0
Date: 17.12.2024.



- Prefilter safe change unit
- Filters
- Ordering key
- Installation

PSCU

Prefilter safe change unit ensure safe filter change without the operator's exposure to the filter and contaminants inside of the filter housing. PSCU is used for filtering radioactive, toxic or bacterial particles and gasses. Casing is made from galvanized steel sheet, plastic coated in white colour RAL 9010, AISI 304 or AISI 316L.

PREFILTER SAFE CHANGE UNIT

AIR FILTRATION

DIMENSIONS	Casing dimension B x L x H (mm)	Filter dimensions	Q nom [m³/h]	Δp nom [Pa]
	720 x 415 x 250	592 x 287 x 98	2300	70
	720 x 720 x 250	592 x 592 x 98	4600	70
	720 x 872 x 250	592 x 744 x 98	?	70

ADVANTAGES

- Safe change bag is included.
- Filter insert replacement is done from the side after cover removal.
- Casing contain connections for filter saturation control.

MATERIAL AND FINISH

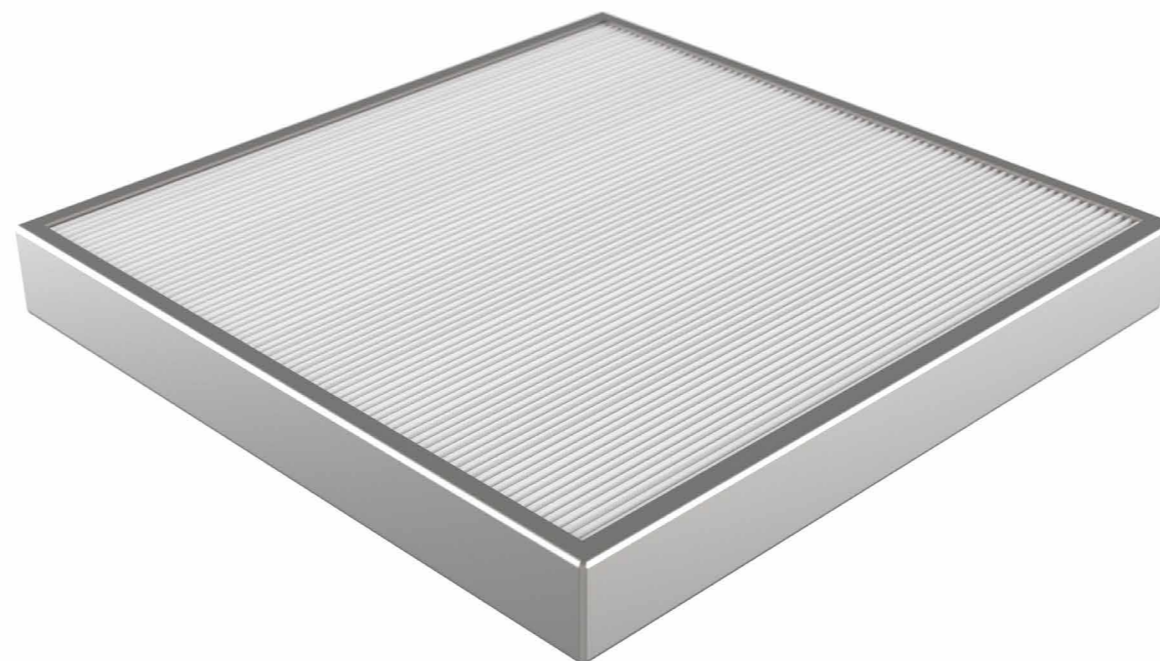
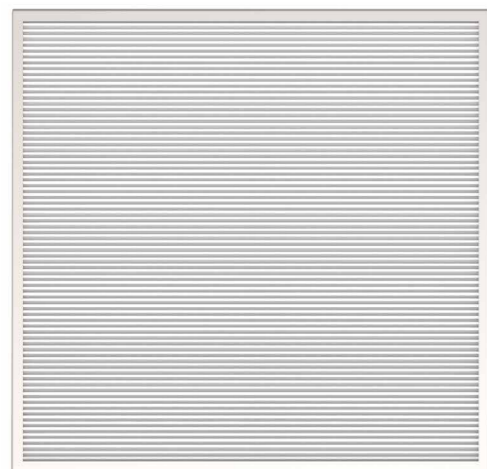
- Casing is made from galvanized steel sheet, plastic coated in whitecolour RAL 9010.
- Requires filter with handle.

APPLICATION

- For filtering radioactive, toxic or bacterial particles and gasses to provide maximum safety for the operator.
- Absolute duct filter is designed for absolute air filtration in spaces with special requirements considering high air cleanliness (hospitals, pharmaceutical, food, electronic industry).

VERSIONS

- Casing made of AISI 304 or AISI 316L.
- Standard filter height: 98 mm. Other dimensions on request.



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Filters

Filtration of airborne particles in civil and industrial air conditioning systems. It is commonly also used as prefiltration stage before the fine dust filters.

Filters must be ordered separately!

FILTERS

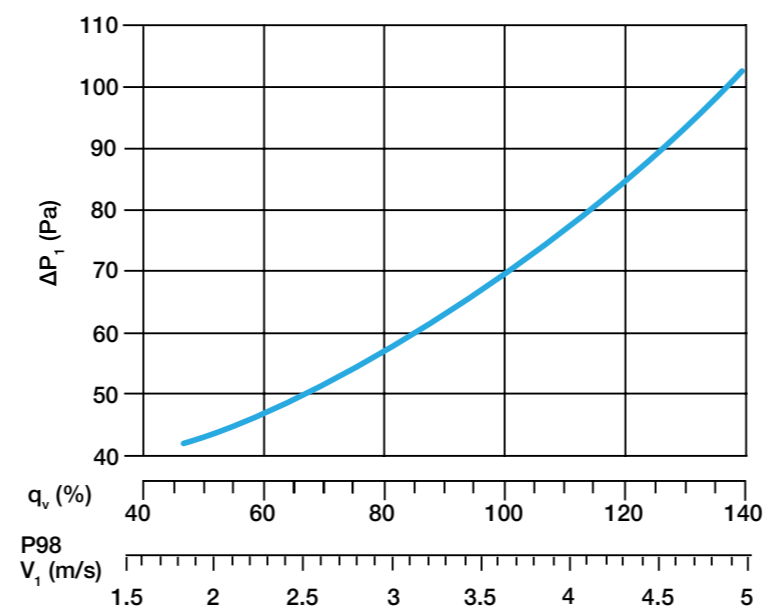
AIR FILTRATION

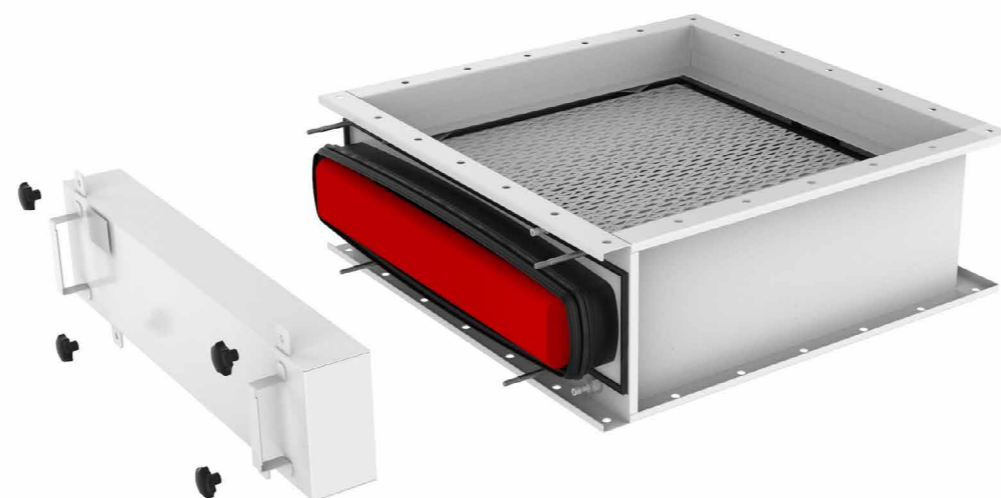
MCZ filter thickness 98 mm

Pleated synthetic fibre filter cell. The filtering media is protected by a wire mesh on both sides to ensure the consistency of the pack and the regularity of the pleat. The greater filtering surface (compared to flat cells) allows greater dust holding capacity (DHC) and therefore greater service life.

ISO Coarse class 50% according to ISO 16890.
 Maximum temperature: 80 °C (continuous operation).
 Maximum relative humidity: 90%.
 Recommended final pressure drop: 250 Pa

MCZ - initial pressure drop





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ORDERING KEY

AIR FILTRATION

ORDERING KEY FOR PSCU

(1) Prefilter safe change unit	(2) Dimension	(3) Material
PSCU	- 720 x 415 x 250	- 316L
(1) Prefilter safe change unit: PSCU	(2) Dimensions : 720 x 415 x 250 720 x 720 x 250 720 x 872 x 250	(3) * Optional material: Stainless steel 304 Stainless steel 316L

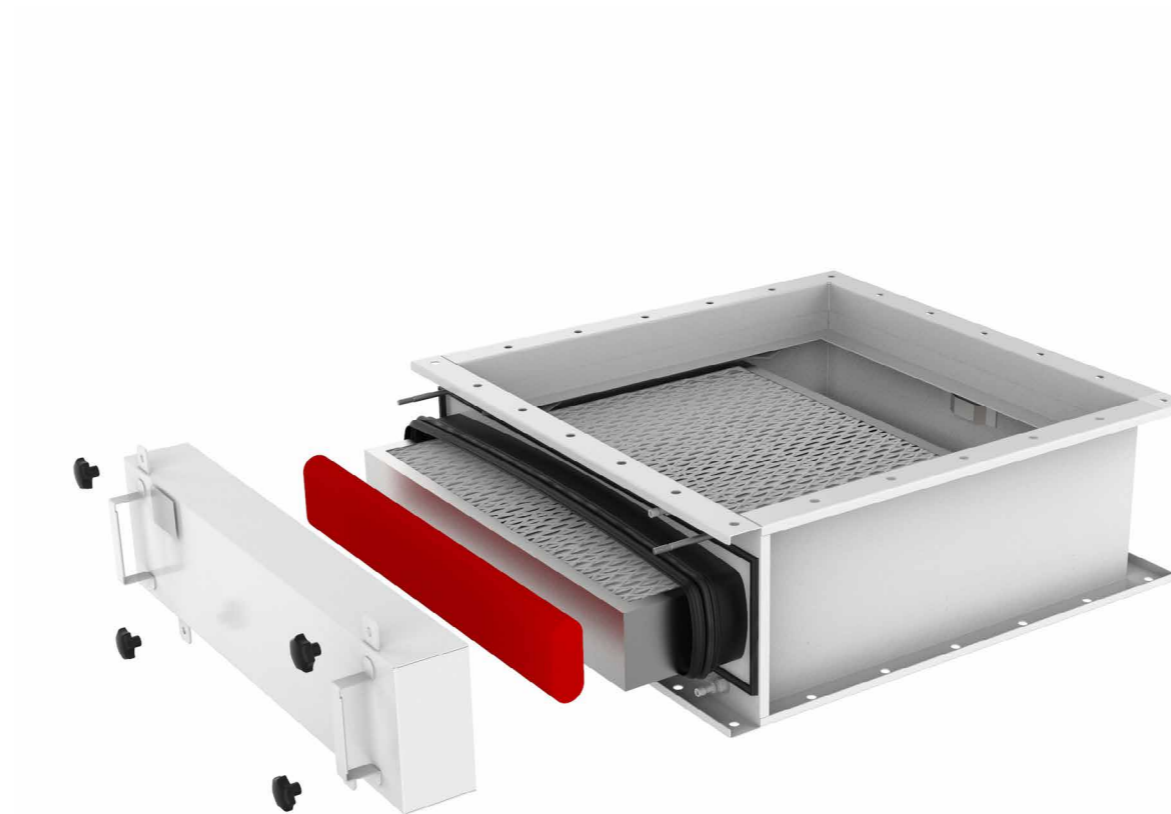
ORDERING KEY FOR FILTER

(1) Filter type	(2) Dimensions
ubaciti order key	- 592 x 287 x 98
(1) Filter type: ubaciti order key	
(2) Filter dimensions:	592 x 287 x 98 592 x 592 x 98 592 x 744 x 98

Installation instructions

Filter change

1. Remove the screws and cover.
2. Unroll safety bag.
3. Release lever.
4. Look for metal wire and use it to pull filter out.
5. Completely remove filter. Leave around 0,5 m distance between filter and SCU. Put plastic zip ties on two places with distance 10 cm between them. Cut the bag between zip ties.
6. Throw away old filter.
7. Unpack new filter and put new plastic bag over. Pull old raiser closer to outer edge. Place new bag with new filter close tu SCU. Place new raiser over old bag. Make sure that raiser is tight enough. Remove old bag. Pull old bag over new filter to far end. Put new filter inside SCU.
8. Make sure that metal wire is visible. Restraint lever. Roll up bag and place it inside SCU.
9. Re-install cover and screws.



- ▼ Prefilter safe change unit
- ▼ Filters
- ▼ Ordering key
- ▼ Installation

INSTALLATION



[See video instructions !](#)



AIR FILTRATION

Projektiranje, proizvodnja i održavanje opreme za klimatizaciju, ventilaciju i čiste prostore.
Design, production and service of Ventilation, Air-Conditioning and Cleanroom equipment.

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