



HS-S044 – HEPA Duct Filter Housing

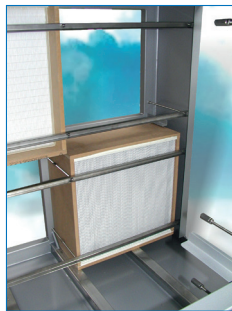


This robust duct case is made from galvanised and varnished steel. It features inspection doors for an easy filter change on either the left or right side of the body, depending on the design specification. The case's frame also serves as a connection device for air ducts and further units. The filter panels are fastened and fixed to the body by a system of gas-tightly welded bar frames. Supporting angles and spindle-clampings make sure the filters fit exactly and guarantee a leak-proofness between filter panels and the frames contact area.

The duct case will be delivered completely assembled. With higher airflow rates two or more cases may be combined. The maintenance doors will then be placed left and right of the housing. Besides standard sizes, duct cases can be fabricated according to individual needs and applications.

Dimensions		Width [mm]	804	1428	2052	2676
Height [mm]	Filters on top of each other	Filters - beside to each other				
		1	2	3	4	
804	1	Filter qty.:	1	2	3	4
		Weight [kg]:	40	55	70	85
1428	2	Filter qty.:	2	4	6	8
		Weight [kg]:	55	70	90	110
2052	3	Filter qty.:	3	6	9	12
		Weight [kg]:	70	90	110	135
2676	4	Filter qty.:	8		12	16
		Weight [kg]:	110		135	160

Please ask for other desired dimensions and designs.



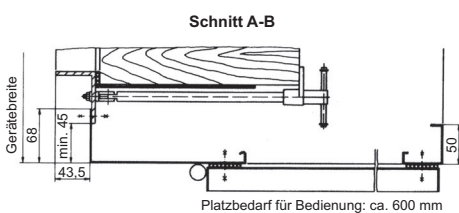
Installable filtertypes	Filterproperties
Compact filters: HS-Beta Pak HS-Beta Pak Yellow HS-Makro (auch EX) HS-Makro F HS-Makro FV	M5 to F9 (EN 779) ISO ePM10 to ISO ePM1 (ISO 16890)
HEPA filters: HS-Mikro S (auch EX) HS-Mikro SF HS-Mikro SFV	E10 to H14 (EN 1822)
Molecular filters: HS-Carbo Block HS-A053 HS-A055	adsorption of gaseous air impurities such as VOC's, Odours, harmful and corrosive gases such as H ₂ S or SO ₂

Form of delivery

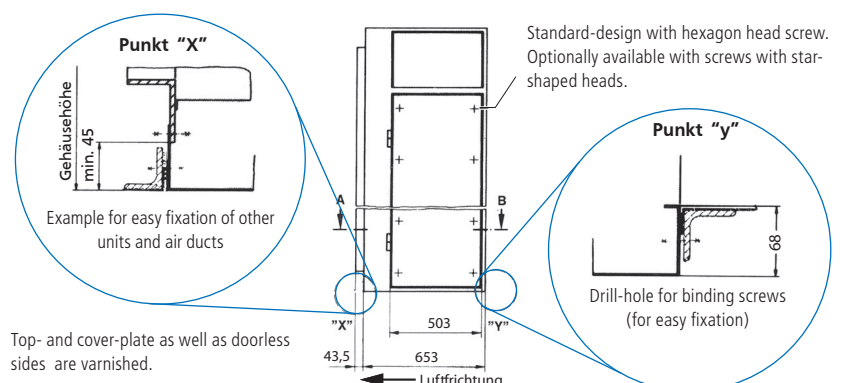
- complete duct housing or as as easy to assemble single components

Options

- base material: galv. steel, painted steel, stainless
- combination of multiple filter stages within one housing possible
- pressure gauge
- pressure switch
- painted in various RAL-colors
- decontamination-proof varnish
- gasket bypass / leak test port
- antistatic for EX-protection



Installation position as shown on the picture.
Measure points for metering the pressure are installed standardwise.



Top- and cover-plate as well as doorless sides are varnished.

documents might be subject to change / issue Sept. 2017