



EHA

Sand Trap Louvre

Description

The EHA type louvres are designed for usage in serving as a pre-filter element in very dusty conditions.

Properties

The EHA type louvres are made from aluminium profiles. They are capable of holding particles to a high efficiency. The alternately placed vertical blades require no maintenance, with the discharge holes in the bottom plate. Since this is only a pre-filter, it is not recommended to be used alone in a system.

Materials

The frame and the blades are made from 1.5 mm thick ETIAL-5 norm aluminium sheets.

Surface Treatment

After cleaning, the product is chromated and then painted with electrostatic powder paint to 20% gloss RAL 9010 (white) with a minimum thickness of 60 μ . Other colours are available upon request.

Accessories

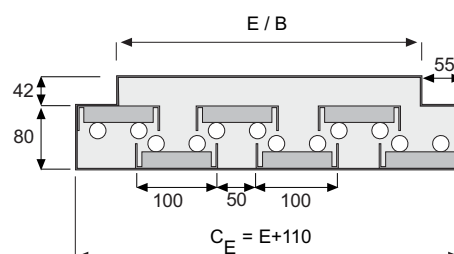
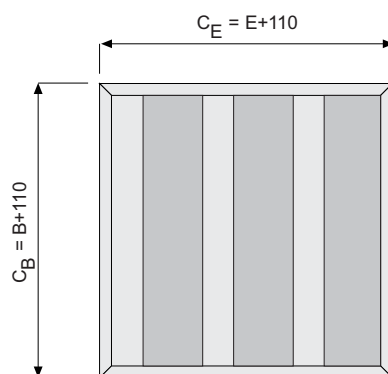
Wire Mesh

A mesh of wires with 12x12mm grids, it prevents the entry of large flying particles and animals.

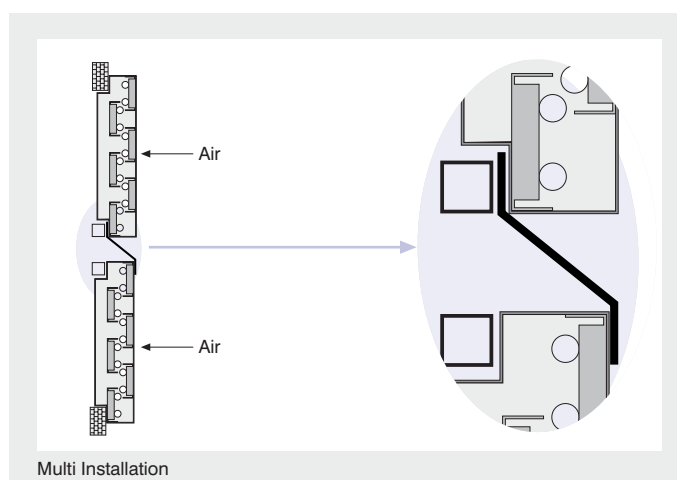
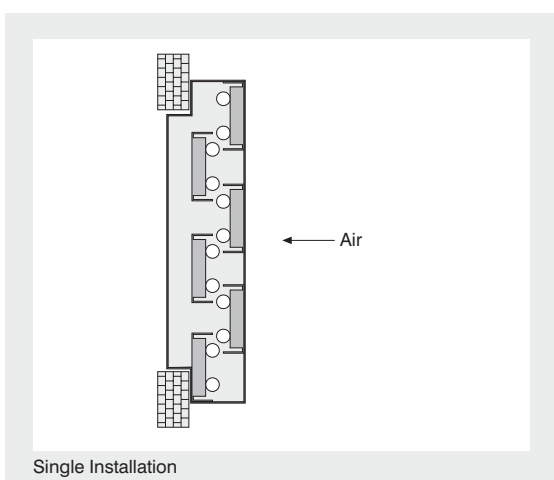
Dimensions

Standard Dimensions

E (mm)	B (mm)
300	300
450	450
600	600
750	750
900	900
1050	1050
1200	1200
1350	1350
1500	1500
1650	1650
1800	1800
1950	1950



Installation



Technical Data

Flow Rate (m/s)	Pressure loss (Pa)	Efficiency with different particle sizes (%)	
		350-700 μ	75-700 μ
0,50	8	97	78
1,00	28	90	60
1,50	63	78	43
2,00	110	70	30

v: Air velocity calculated at ExB area

E: Dimension (m)

B: Dimension (m)

Specification Text

Sand trap louvre to protect the entry to the ducting system. The louvre will be made from ETIAL-5 norm aluminium sheets. The louvre will be cleaned and chromated, and painted with electrostatic powder paint to the requested colour with a minimum thickness of 60 μ . The blades will be

placed alternately and vertically. As an option, a steel wire mesh with 12x12 mm grids will be placed behind the frame to prevent large flying objects and animals to pass through the blades. There will be discharge holes in the bottom plate, to get rid of the collected sand.

Order Code

Model	EHA.55.AA.10-750 x 750-9010		
Frame	55 mm	E x B (mm) Refer to Page 2	Indicate RAL Colour Code
Accessories	AA..Without Accessories AT..With Wire Mesh		
Installation	00...Without Screw Holes 10...With Screws	Standard Dimensions	Colour Code

E

EHA

**Sand Trap
Louvre**

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