

GST filter

Pocket filtering for welding fumes



Filter designed for operations that generate fumes or dust that is not fine

The GST filter is used to eliminate fumes deriving from welding operations or in cases where the concentration of dust is low and the granulometry is not too fine.

Filtration stage 1: Metallic sheath filters with galvanised steel frame. They are used as pre-filters for particles with larger granulometry and perform an anti-spark action

Filtration stage 2: Final pocket filters in glass micro fibre fabric with galvanised steel frame

Features:

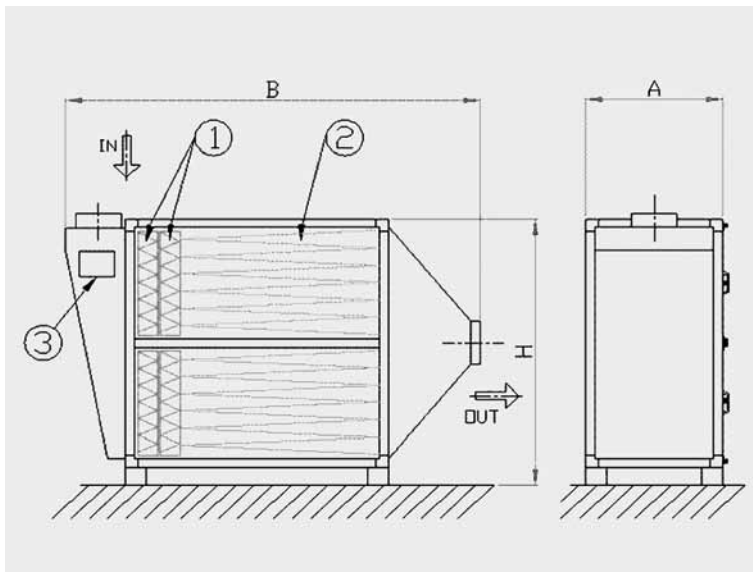
- Aluminium profile structure
- Galvanised metal panels s=15/10
- Inspection hatches
- Class G2 double metallic sheath pre-filter compliant with EN 779
- Class F9 final pocket filter, compliant with EN 779, Fire resistance 2 (U.L.)

Optionals

- Differential pressure switch to measure and signal filter blockage

Technical specifications

MODEL	A (mm)	H (mm)	B (mm)	n1	n2	Total Surfaces (m ²)	Total surface (m ²)	Max T (°C)
1GST	745	845	2300	2	1	2 x 0.7	11,4	90
2GST	745	1540	2400	4	2	2 x 1.4	22,8	90
4GST	1440	1540	2600	8	4	2 x 2.8	45,6	90
6GST	1440	2235	2700	12	6	2 x 4.2	68,4	90
9GST	2135	2235	2900	18	9	2 x 6.3	102,6	90
12GST	2135	2930	3000	24	12	2 x 8.4	136,8	90
16GST	2830	2930	3000	32	16	2 x 11.2	182,4	90



1. Double metallic sheath pre-filter
2. Final pocket filter
3. Differential pressure switch to measure and signal filter blockage

GRT DARMA Srl

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