

BETA series - V-Type EPA filters for ducted airflow

NR / NS

Characteristics	NR	NS
EN 1822-1:2019 Classification	E10	E11
MPPS efficiency	≥ 85%	≥ 95%
Recommended final differential pressure	600 Pa	600 Pa
Maximum final differential pressure	1000 Pa	1000 Pa
Maximum operating temperature	70°C	70°C
Maximum relative humidity	100%	100%



Small pleat V-Type EPA filters, available in the full range of EPA class efficiencies, used in filtration stages for ventilation systems serving critical or contamination-controlled environments.

The combination of mini-pleat and V-Type technology provides a much larger filter surface area than normal flat filters and, consequently, a longer service life.

NR - NS series filters are indicated for the optimisation of HVAC systems' life cycle costs.

MATERIALS AND FINISH

- Galvanised steel frame.
- Fire retardant glass microfibre filter media, ample surface area, thanks to mini-pleat technology.
- Polyurethane-based sealant.
- Thermoplastic separators.
- Two-component, seamless polyurethane gasket.

APPLICATION

Inside air handling unit filtration sections.

In housing systems for air extraction from contaminated environments - Canister Systems (see page 99).

In MODULO model duct housings (see page 98).

VERSIONS

- S AISI 304 stainless steel frame
- ATEX
 - II 2G Ex h IIC T6 Gb
 - II 2D Ex h IIIC T85°C Db
 - with galvanized steel protection grids on the air intake side
- HT120 high temperature up to a continuous 120°C
- ALPHA for the food industry, only available in the S version (refer to the dedicated catalogue).

ACCESSORIES

GIS GUN seamless two-component polyurethane double gasket, inlet side; EPDM outlet side.

Code	Dimensions [mm]			Airflow rate Q nominal			Filtering surface [m²]	Initial differential pressure [Pa]		NR	NS
	L	H	W	[m³/h]	[m³/s]	[cfm]		NR	NS		
52	305	610	292	1800	0,500	1059	18	230	240		
5	610	610	292	4000	1,111	2354	27	230	240		
6	762	610	292	5000	1,389	2943	44	230	240		

