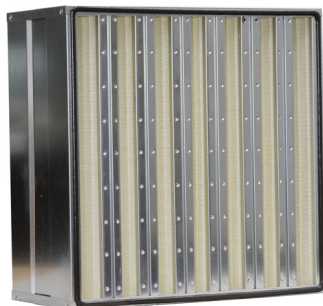


NR / NS / KVR / KVS



	NR	NS	KVR	KVS
EN 1822:2009 classification	E10	E11	E10	E11
MPPS efficiency	85%	95%	85%	95%
Suggested final pressure drop	600 Pa	600 Pa	600 Pa	600 Pa
Maximum pressure drop	1000 Pa	1000 Pa	1000 Pa	1000 Pa
Maximum operating temperature	70 °C	70 °C	70 °C	70 °C
Maximum relative humidity	100%	100%	100%	100%
ATEX version on request	•	•	•	•

Mini-pleat V-type EPA filters, available in the entire range of EPA efficiency classes, used in filtration stages for ventilation systems of critical or contamination controlled environments.

The combination of mini-pleat and V-type technologies allows a much larger filtration surface than that of normal panel filters to be used and, as a consequence, it lasts longer.

The NR - NS - KVR - KVS series filters are recommended to optimise the Life Cycle Cost of HVAC systems.

MATERIAL AND FINISH

- Frame in galvanized steel.
- Fire proof micro-fibre glass minipleat media.
- Polyurethane-based sealant.
- Hot-melt separators.
- Gasket with continuous semicircular section, in seamless polyurethane.

APPLICATION

- Inside filtration sections of the air handling units.
- In housing systems for extracting air from contaminated environments - Canister systems (see page 109).
- MODULO housings (see page 108).

VERSIONS

- ATEX II 2 GD T6.
- HT high temperature up to 120° C.
- AISI 304 stainless steel frame

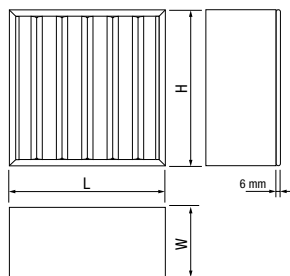
ACCESSORIES

- EPDM flat gasket on air inlet side.
- EPDM flat gasket on air outlet side.
- With double continuous polyurethane foam gasket.

DIMENSIONS AND TECHNICAL DATA

Code	Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m ²]	Initial pressure drop [Pa]		NR €	NS €
	L	H	W	[m ³ /h]	[l/s]	[ft ³ /min]		NR	NS		
52	305	610	292	1800	500	1059	18	210	220		
5	610	610	292	4000	1111	2354	37	210	220		
6	762	610	292	5000	1389	2943	44	210	220		

Code	Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m ²]	Initial pressure drop [Pa]		KVR €	KVS €
	L	H	W	[m ³ /h]	[l/s]	[ft ³ /min]		KVR	KVS		
52	305	610	292	1600	444	942	13	210	220		
5	610	610	292	3400	944	2000	26	210	220		



CHARACTERISTIC CURVES

