

NB / KVB / NA / KVA

	NB - KVB	NA - KVA
EN 1822:2019 classification	H13	H14
MPPS efficiency	99,95%	99,995%
Suggested final pressure drop	600 Pa	600 Pa
Maximum pressure drop	1000 Pa	1000 Pa
Maximum operating temperature	70 °C	70 °C
Maximum relative humidity	100%	100%

Mini-pleat V-type filters, available in the entire range of HEPA 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 N - K 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

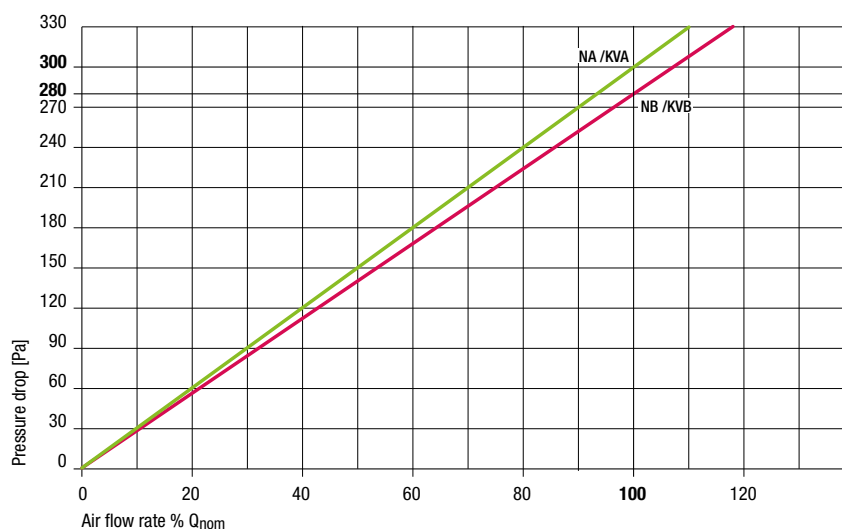
- Inside filtration sections of the air handling units.
- In housing systems for extracting air from contaminated environments - Canister systems (see page 109).
- MODULO housings (see page 108).

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.

CHARACTERISTIC CURVES

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DIMENSIONS AND TECHNICAL DATA

Code	Dimensions [mm]			Nominal air flow rate Q						Filtering surface [m ²]	Initial pressure drop [Pa]		NB €	NA €
	L	H	W	NB			NA				NB	NA		
				[m ³ /h]	[l/s]	[ft ³ /min]	[m ³ /h]	[l/s]	[ft ³ /min]					
31	305	305	292	850	236	500	720	200	424	8,3	280	300	•	
52	305	610	292	1800	500	1059	1550	430	912	18	280	300	•	
56	490	595	292	2700	750	1589	2300	639	1354	30	280	300		
55	287	595	292	1600	444	942	1350	375	795	16	280	300		
54	595	595	292	3200	890	1883	2700	750	1589	35	280	300		
5	610	610	292	4000	1111	2354	3400	944	2001	37	280	300	•	
6	762	610	292	5000	1389	2943	4250	1180	2501	47	280	300		

• Products in stock

Code	Dimensions [mm]			Nominal air flow rate Q						Filtering surface [m ²]	Initial pressure drop [Pa]		KVB €	KVA €
	L	H	W	KVB			KVA				KVB	KVA		
				[m ³ /h]	[l/s]	[ft ³ /min]	[m ³ /h]	[l/s]	[ft ³ /min]					
52	305	610	292	1500	416	883	1250	347	736	13	280	300		
5	610	610	292	3400	944	2001	2850	790	1677	26	280	300		

