

Cartridge Filter Housings V - series

The stainless steel Cartridge Filter Housings of the **V - series** consist of a filter vessel, a filter cap, the fitting of the filter units and a cap snap closing. The O-ring inserted in the filter vessel always guarantees a reliable sealing. All filter housings have one exhaust possibility and two draining possibilities. Filter units in the lengths 10", 20", 30" or 40" with different porosities can be inserted, which results in a various field of applications. The filter units are stuck over a guiding rod and sealed by means of a tension rod spring system with cutting rings.

All series can be also supplied as twin-filter systems in parallel connexion for bigger throughput quantities as well as with flip-flop device for an uninterrupted filtration.

All types are produced according pressure device guideline 97/23/EG article 3 § 3 'Gute Ingenieurspraxis'. The housings can be operated with liquids that belong to the group 2 (article 3), if a vapour pressure of 0,5 bar is not exceeded.



Applications

- Water treatment
- Chemical / pharmaceutical industry
- Beverage and food industry
- Dye-stuff and lacquer industry
- Condensate conditioning in power stations
- Electronic industry

type	length of the filter cartridges	material (cap + vessel)	gasket material	connections (inlet / outlet)	connections (exhaust / draining)	max. operating-pressure (bar)	max. temperature (°C) ¹
V 3x	10" - 40"	V2A, V4A	P, V, E, S, F	1 1/2" IG	3/8" IG / 1/2" IG	10	200
V 3x	10" - 40"	V2A, V4A	P, V, E, S, F	2" AG	3/8" IG / 1/2" IG	10	200
V 3x	10" - 40"	V2A, V4A	P, V, E, S, F	DN 40	3/8" IG / 1/2" IG	10	200
V 6x	10" - 40"	V2A, V4A	P, V, E, S, F	2" IG	3/8" IG / 1/2" IG	10	200
V 6x	10" - 40"	V2A, V4A	P, V, E, S, F	2 1/2" AG	3/8" IG / 1/2" IG	10	200
V 6x	10" - 40"	V2A, V4A	P, V, E, S, F	DN 50	3/8" IG / 1/2" IG	10	200
V 6x	10" - 40"	V2A, V4A	P, V, E, S, F	DN 65	3/8" IG / 1/2" IG	10	200
V 8x	20" - 40"	V4A	P, V, E, S, F	2 1/2" IG	3/8" IG / 1/2" IG	10	200
V 10x	20" - 40"	V4A	E	DN 80	1/4" AG / 1/2" AG	8,5	200
V 15x	20" - 40"	V4A	E	DN 100	1/2" AG / 1" AG	6	200
V 18x	20" - 40"	V4A	P, V, E, S, F	DN 100	1/2" IG / 1/2" IG	6	200
VL 15x	40"	V4A	P, V, E, S, F	DN 100	1/2" IG / 1/2" IG	10	200
VL 22x	40"	V4A	P, V, E, S, F	DN 150	1/2" IG / 1/2" IG	10	200

Legend: V2A = 304L, V4A = 316L, P = Perbunane, V = Viton, E = EPDM, S = Silicone, F = FEP-sheathed, IG = internal thread, AG = external thread, DN = Flange according DIN 2633

¹ The max. operating temperature depends on the inserted seal material and on the used filter cartridges.



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