

Cartridge Filter Housings V1 - series

The Cartridge Filter Housings of the **V1 - series** consist of a filter head (optionally made of stainless steel 304L, stainless steel 316L or brazen, chromed), a connecting nut (brazen, chromed), a triangular rod (stainless steel 304L) and a filter sump (stainless steel 316Ti). The O-ring at the filter head always guarantees a reliable sealing. All filter housings have a bleeder screw and are optionally available with or without drain screw. Different filter units in the lengths 5", 9 3/4", 10", 19 1/2" or 20" with different porosities can be used. The sealing of the units occurs by cutting rings.

Compared to the standard filter housings of the V1-series the filter housings of the HD-series consist of a filter sump with a welded on connecting nut. These housings basically are supplied with a bleeder screw and a draining screw.

As an accessory for almost every type a fixing bracket made of galvanized steel (with appropriate screws) is available for the wall fixing and an sump spanner for lighter opening of the housings.



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
- Electronic industry
- Environmental technology

housing type	material (head / sump)	gasket material	connections (inlet / outlet)	connections (exhaust / draining)	max. operating pressure (bar)	max. temperature (°C) ¹
V 1x5"	M/S, S/S, T/S	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	16	200
V 1x9 3/4"	M/S, S/S, T/S	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	16	200
V 1x9 3/4" HD	S/S, T/S	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	40	200
V 1x10"	M/S, S/S, T/S	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	16	200
V 1x10" HD	S/S, T/S	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	40	200
V 1x19 1/2"	M/S, S/S, T/S	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	16	200
V 1x20"	M/S, S/S, T/S	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	20	200
V 1x20" HD	S/S, TS	P, V, E, S, F	3/4", 1" IG	1/8" IG / 3/8" IG	16	200

Legend: M/S = brass (chromed)/316Ti, S/S = 304L/316Ti, T/S = 316L/316Ti, HD = high pressure filter
P = Perbunan, V = Viton, E = EPDM, S = Silicone, F = FEP-sheathed, IG = internal thread

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



Voigt GmbH
Filtz- und Filtertechnik
P.O. Box 11 68
D - 73241 Wernau

Phone +49 (0)7153 30506-0
Telefax +49 (0)7153 30506-50
E-Mail info@voigtfilter.de
Internet <http://www.voigtfilter.de>

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