

Filter housings for air and gas filtration



Purpose

Stainless steel DS-V filter housings are designed to facilitate removal of solids, aerosols and bacteria from compressed air, carbon dioxide, steam and other gaseous media in systems for delivery of clean air, gas and steam to vessels, tanks, ferments and reactors.

Structure

Depending on the type of cartridge installed (for fine, absorbing or sterilizing membrane filtration) three modifications of DS-V are produced:

- DS-V-/T
- DS-V-/A
- DS-V-/M

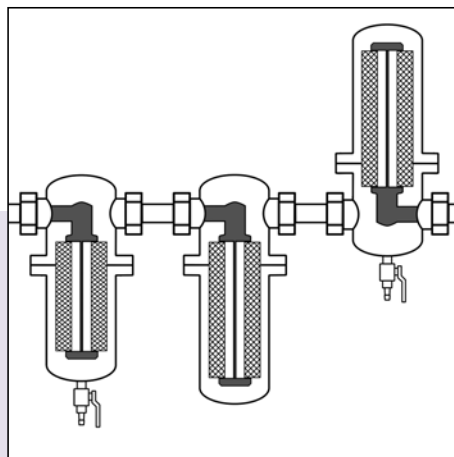
DS-V modifications vary by the type of connection and the method of installation. It is possible to use DS-V individually or in series. Details on possible complete set and connections are provided on request.

Air filter housings are fitted with Special vessel for collection of separated condensate and with a valve which ensures drainage of the condensate from the system in the lower part of the housing.

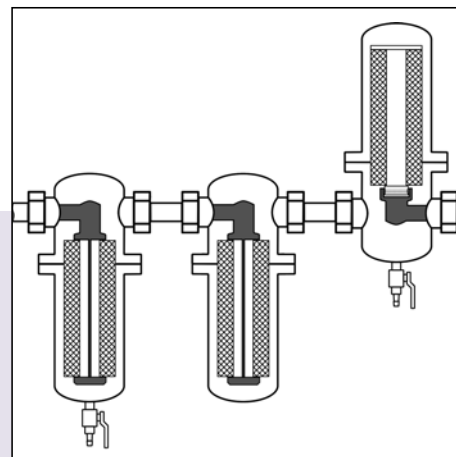
Material

12Kh18N10T (AISI 304) stainless steel

DS-V-60 (T, A, M)



DS-V-140...560 (T, A, M)



Operating characteristics of DS-V for air filtration (Stainless steel filter Housings of aseptic construction)

Brand	Flow rate, m ³ /h	Max. temperature of the filtered air, °C	Case diameter, mm	Case height, mm	Weight, kg	Nominal diameter, mm
DS-V-60 T	60	70	91	277	1,4	15
DS-V-60 A	60	30	91	206	1,4	15
DS-V-60 M	60	80	91	277	1,5	15
DS-V-140 T	140	70	130	390	5,6	32
DS-V-140 A	140	30	130	275	5,7	32
DS-V-140 M	140	80	130	354	4,9	32
DS-V-280 T	280	70	130	515	6,4	32
DS-V-280 A	280	30	130	400	6,5	32
DS-V-280 M	280	80	130	479	5,8	32
DS-V-560 T	560	70	130	824	7,6	50
DS-V-560 A	560	30	130	706	9,5	50
DS-V-560 M	560	80	130	764	8,5	50
DS-V-1700 T	1700	70	270	930	26	80
DS-V-3900 T	3900	70	320	931	31,7	100

Ordering information

DS	V	60	M
Brand	For air and gas media	Air flow rate	Design type
		60 m ³ /h 140 m ³ /h 280 m ³ /h 560 m ³ /h 1700 m ³ /h 3900 m ³ /h	M – membrane A – absorption T – fine filtration (coalescer)