

VL SANITARY HOUSINGS

Liquid Housings

Product information

A sanitary range of SS filter housings from **DD PROCESS Products** helps in offering complete microfiltration services to needs of our customers with the latest generation of microfiltration cartridges.

The housings are primarily designed for use in Hygienic applications in Pharmaceuticals, beverages, high clarity application in process industries.

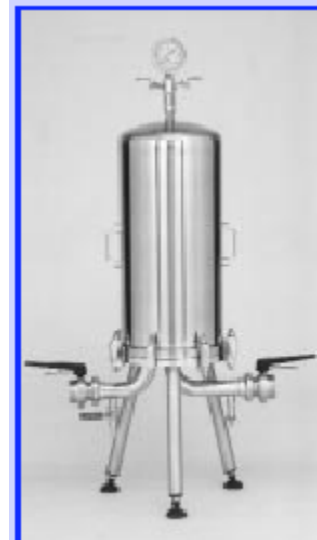
The housings are supplied with '**standard**' accessories like vent & drain connections with valves and pressure gauges. In advanced package we provide valves on the inlet and outlet & sample valve.

Housings are supplied with Legs, supports as per specific needs of customers.

- **Designed specifically for Liquid applications**
- **Internally mirror polished**
- **Wide range of industry standard connections**
- **Available as a complete package with pressure gauge and valves**

All internal parts which come into contact with liquid have been mechanically polished to Ra <0.8µm to provide easy CIP/SIP during cleaning operations.

The heavy duty clamp provides quick opening and closing, with a safety device that prevents the opening of the housings when it's under pressure.



DD PROCESS PRODUCTS

Standard Housing

Materials of Construction
316L stainless steel

Surface Finish

Internal : Mechanically <0.8µm Ra
External : Mechanically polished

Design Pressure and Temperature

10 barg @ 20°C (68°F)
6 barg @ 95°C (203°F)

Note: These housings can be fitted with **DD Process Products** 'C' style cartridges.

Example: DDVL-123-CFE represents a Liquid sanitary grade housing with 12 x 30 code 'C' cartridges and 1" Flanged connections

STANDARD HOUSINGS

| Product Code | Dimensions (mm) | | | | Connection Size | | Approx. wt. WG | Approx. vol. |
|--------------|-----------------|------|---------|------|-----------------|--|-------------------|--------------|
| | A | B | C (DIN) | C | D | | | |
| DDVL-011-B# | 585 | 350 | 268 | 307 | 1" | | 7 | 2.8 |
| DDVL-012-B# | 1108 | 600 | 268 | 307 | 1" | | 8 | 4.7 |
| DDVL-013-B# | 1358 | 850 | 268 | 307 | 1" | | 9 | 6.5 |
| DDVL-033-C# | 1345 | 800 | 345 | 385 | 1 1/2 " | | 19 | 18.7 |
| DDVL-034-C# | 1615 | 1050 | 345 | 385 | 1 1/2 " | | 25 | 24.2 |
| DDVL-053-C# | 1378 | 800 | 433 | 471 | 2" | | 27 | 32.1 |
| DDVL-054-C# | 1628 | 1050 | 433 | 471 | 2" | | 30 | 41.5 |
| DDVL-083-C# | 1388 | 800 | 460 | 4*98 | 2" | | 35 | 50.2 |
| DDVL-084-C# | 1638 | 1050 | 460 | 498 | 2" | | 39 | 64.8 |
| DDVL-0123-D# | 1476 | 800 | 523 | 555 | 3" | | 45 | 70.2 |
| DDVL-0124-D# | 1726 | 1050 | 523 | 555 | 3" | | 47 | 90.3 |
| DDVL-0193-D# | 1496 | 800 | 555 | 585 | 3" | | 58 | 112.6 |
| DDVL-0194-D# | 1746 | 1050 | 555 | 585 | 3" | | 63 | 142.8 |

SELECTION

DDVL SANITARY housings are fully identified by unique code numbers which can be easily built up for ordering and identification purposes. To specify the **DDVL SANITARY** housing you require, simply insert your particular requirements in the relevant boxes of the master code shown.

Example: DDVL-033-CCE represents a sanitary grade housing with 3 x 30 code 'C' cartridges and 1 1/2" (40mm) DIN connections with an EPDM body seal.

| Ordering Information For SS Housings Cartridge | | | | | |
|--|---------------|---------------|-----------------|----------------|----------------|
| CODE | No. Cartridge | Length | Connection Size | End Connection | Body Seal |
| DDVL | '01' : 1 | '1' : 10" | 'A' : ½" | 'T' : Triclamp | 'E': EPDM |
| | '03' : 3 | '2' : 20" | 'B' : 1" | 'F' : Flanged | 'S': Silicone |
| | '04' : 4 | '3' : 30" | 'C' : 2" | 'B' : Threaded | 'V' : Viton |
| | '08' : 8 | '4' : 40" | 'D' : 3" | | 'T' : PTFE Enc |
| | '12' : 12 | '2J' : Jumbo" | | | |
| | '19' : 19 | '3J' : Jumbo" | | | |