

VA SANITARY HOUSINGS

AIR Housings

Product information

A sanitary range of flow efficient housings from **DD PROCESS Products**, specifically designed to complement the latest generation compressed air and gas filter cartridges. Air housings match every sterile filter application from the small laboratory or pilot scale-up to the largest industrial sizes. The housings optimise flow and low pressure drop performance by utilising the following features:

- Plenum chamber assists condensate drainage thus minimising the risk of the filter cartridge blinding
- Swept bends are incorporated into the design to minimise pressure loss through the housings and assist steam-in-place sterilisation
- Large inlet / outlet connection sizes match commonly adopted industry pipe sizes

The design & built helps to ensure continuous and effective air and gas sterilisation. Custom designs are also available upon request.

- **Flow efficient design**
- **Internal electropolish finish as standard**
- **Wide range of industry standard connections**
- **Specialist fabrication service available**
- **Steam and electrically heated options**

All internal parts which come into mechanically polished to Ra <0.8µm cleaning operations.

All parts which come into contact polished to Ra <0.8µm to provide operations.



contact with Air have been to provide easy CIP/SIP during

with liquid have been mechanically easy CIP/SIP during cleaning

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: DDVA-033-CDE represents a beverage sanitary grade housing with 3 x 30 code 'C' cartridges and 1 1/2" (40mm) DIN connections

STANDARD HOUSINGS

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

SELECTION

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

Example: DDVA-033-CBE 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
DDVA	'01' : 1	'1' : 10"	'A' : 1"	'T' : Triclamp	'E': EPDM
	'03' : 3	'2' : 20"	'B' : 11/2" or 2"	'F' : Flanged	'S': Silicone
	'05' : 5	'3' : 30"	'C' : 3"	'B' : Threaded	'V' : Viton
	'08' : 8	'4' : 40"			'T' : PTFE Enc
	'12' : 12	'J' : Jumbo"			
	'19' : 19				