

# STAINLESS STEEL

## Steam Filters

### Product information

DD Process Product's **Stainless Steel Steam** filters are specifically designed for the economic pre and final filtration of a wide range of aggressive solvents and chemicals.

They are particularly suitable for continuous high temperature applications and are available in a wide range of end cap styles.

The cartridges can withstand high differential pressures making them ideal for filtration of viscous fluids.

The Sintered filtration media is ideally suited to regeneration through back flushing.

- Wide chemical compatibility
- All stainless steel
- Powdered sintered Style element / or Multilayered Stainless Steel.
- Back flushable

#### STAINLESS STEEL FILTERS

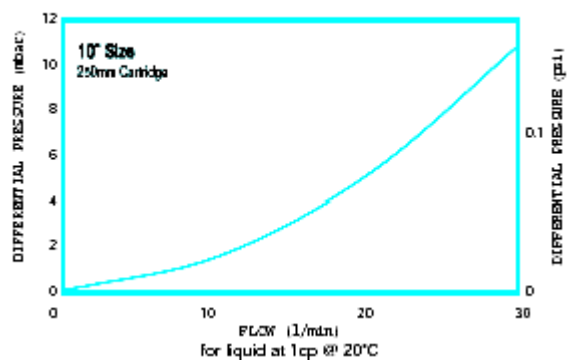
are manufactured in either  
Powders Sintered  
stainless steel or Multilayered  
Stainless Steel,  
depending on the requirement.



#### HOUSING

DD VL / DD VA

#### CARTRIDGE FLOW RATES



Note: Pressure drop includes DDVIL011BTE housing.

### Materials of Construction

Media : Sintered Stainless Steel  
End Caps : 316 Stainless Steel

### Maximum Differential Pressure

In direction of flow (outside to in) 25 barg  
(362.5 psig) at 316°C (600.8°F).  
In reverse flow direction (inside to out) 3barg  
(43.5 psig) at 316°C (600.8°F).

### Filtration Area

Up to 0.05m<sup>2</sup> (1.4 Sq.ft) per 250mm (10") module.

### Maximum Recommended Continuous

Operating Temperature  
Up to 300°C (572°F)  
\* The temperature are function of O ring materials.

### Approx. Dirt Holding Capacity

200 – 250gm per 10" cartridge

### SELECTION

Stainless Steel Steam filter cartridges are fully identified by unique code numbers which can be easily built up for ordering and identification purposes. To specify the Stainless Steel Steam filter cartridge you require, simply insert your particular requirements in the relevant boxes of the master code shown.

**Example: DDSS1-005-CV** is a Stainless Steel steam filter cartridge, 250mm in length, 5 micron rating with a **Code 7** style end cap and with viton 'O' Rings.

Fig1

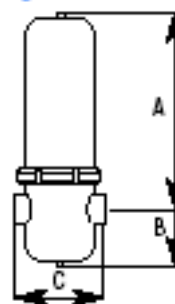
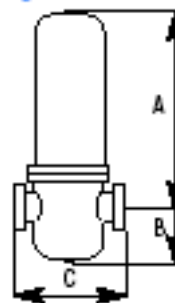


Fig2



Ordering Information For SS Cartridge				
□	□	□□□	□	□
CODE	LENGTH	MICRON RATING	END CAP	O RINGS
<b>DDSS</b>	'K' : 5"	'001' : 1.0	'C' : P-7	'E' : EPDM
	'1' : 10"	'005' : 5.0	'3' - 3" J	'S' : Silicone
	'2' : 20"	'010' : 10.0	'4' - 4" J	'V' : Viton
	'3' : 30"	'020' : 20.0	'T' - threaded	
	'4' : 40"	'025' : 25.0	'B' - DOE	
		'030' : 30.0		
	'050' : 50.0			