

# SINGLE-CARTRIDGE HIGH FLOW RATE FILTER VESSEL

## HFU SERIES



### FILTER TO BE FITTED WITH

- ▶ Consumable or metal Poromesh® HFU cartridges: 20", 40" or 60", Ø6" (152mm) (sheet FTQ/1CP/03E/A)

### DESCRIPTION

- ▶ Types of closure
  - ▶ By V-clamp
  - ▶ By swing bolts
- ▶ Easier to maintain than multi-cartridge filters (type LBV or CDF)
- ▶ Adjustable feet available
- ▶ Material: 316L stainless steel (wetted parts)
- ▶ Seal: EPDM, Viton or Nitrile.
- ▶ Connections: massive flanges or SMS
- ▶ Operating conditions
  - Pressure:
    - ▶ 10 bar max. at 60°C for versions with V-clamps
    - ▶ 10 bar max. at 100°C for versions with swing bolts

ATEX marking: on request

### OPTIONS ON REQUEST

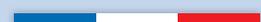
- ▶ Taps for differential pressure gauges
- ▶ Horizontal filter vessel (well suited to long cartridges: 60")

**APPLICATION :** Liquids, group 1 and 2 as per PED 2014/68EU

### CODING SYSTEM

4CA Cartridge filter	1HFU N° of cartridges	2 Cartridge length	B Type of connection	E Seal	MR Type of closure	L Adjustable feet
		2: 20" 3: 30" 4: 40" 6: 60"	F80: DN80 flange F100: DN100 flange S76: SMS 76 S104: SMS 104	E: EPDM V: Viton N: Nitrile	_ : V-clamp MR: Swing bolts	_ : without adjustable feet L: with adjustable feet

**AS A MANUFACTURER,** we can adapt the filters to your particular conditions. Our Design Office can design filters adapted to your usages.





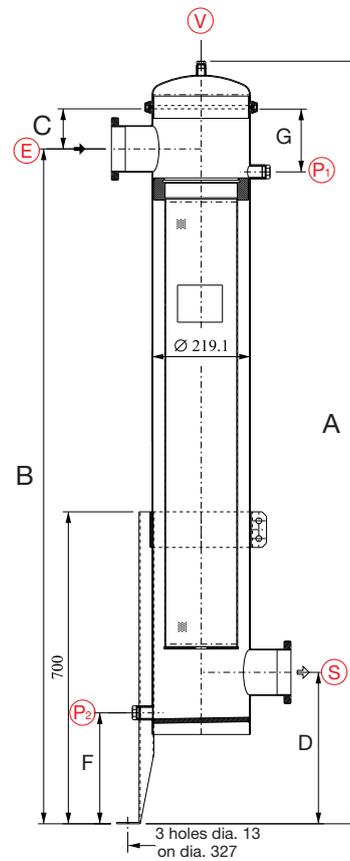
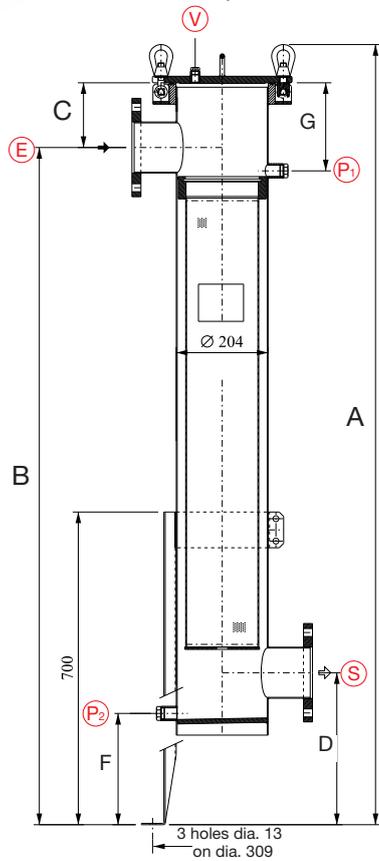
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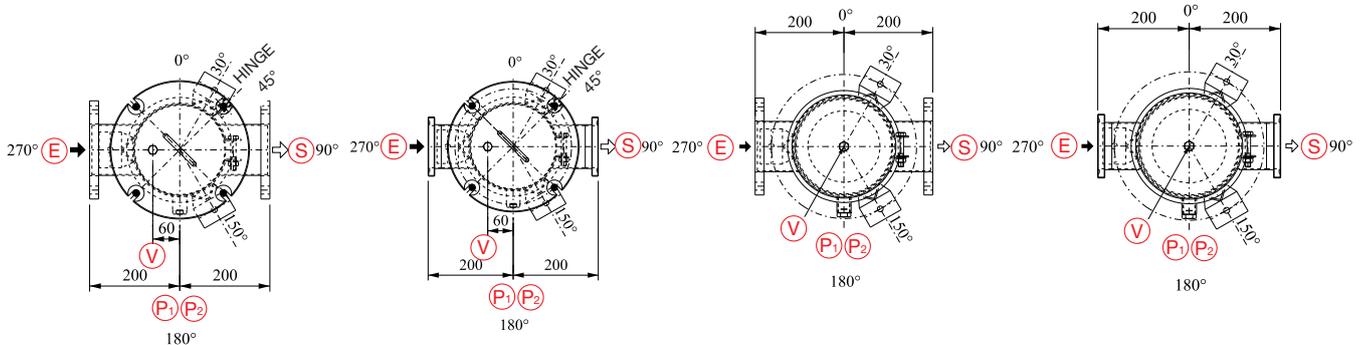
### DIMENSIONS AND CONNECTIONS

Model	A* (mm)	B* (mm)	C (mm)	D* (mm)	F* (mm)	G (mm)	Weight (kg)	Vol. (L)	Inlet/Outlet (E S)	Vent (V)	Drain (P <sub>1</sub> P <sub>2</sub> )
4CA1HFU20 (V-clamp)	1207	1010	90	340	249	141	42	34	DN80 PN10 (massive flanges) or DN100 PN10 (massive flanges) or SMS76 or SMS104	3/8" BSP female	3/4" BSP female
4CA1HFU20 (swing bolts)	1240	1010	145	340	249	197	52	29			
4CA1HFU30 (V-clamp)	1482	1285	90	340	249	141	46	45			
4CA1HFU30 (swing bolts)	1515	1285	145	340	249	197	56	38			
4CA1HFU40 (V-clamp)	1712	1515	90	340	249	141	50	53			
4CA1HFU40 (swing bolts)	1745	1515	145	340	249	197	60	45			
4CA1HFU60 (V-clamp)	2222	2025	90	340	249	141	58	72			
4CA1HFU60 (swing bolts)	2255	2025	145	340	249	197	68	61			

\*Deduct 200mm for models without adjustable feet



ORIENTATIONS



SPARE SEALS KIT containing:	
2 cover seals + 2 drain seals + 2 vent seals	
Material	Article code
EPDM *	3KIELBV61WREC
Viton	3KIVLBV61REC
Nitrile	3KINLBV61REC

\*EPDM seals: compliant with the requirements of the FDA ACS and 1935/2004 EU