



PHW Single Filter Housings

Liquid Filtration

- Single element industrial liquid housing
- 10" to 40"
- Range of industry standard cartridge location styles
- Fluid group 1 and 2 liquids
- Suitable for SIP and CIP



Specifications

Materials of Construction

Housing: 316L/1.4404

Surface Finish

Internal: Pickled
External: Mechanical Polishing

Cartridge Socket: C (226), D (222/Fin) or B (DOE) style

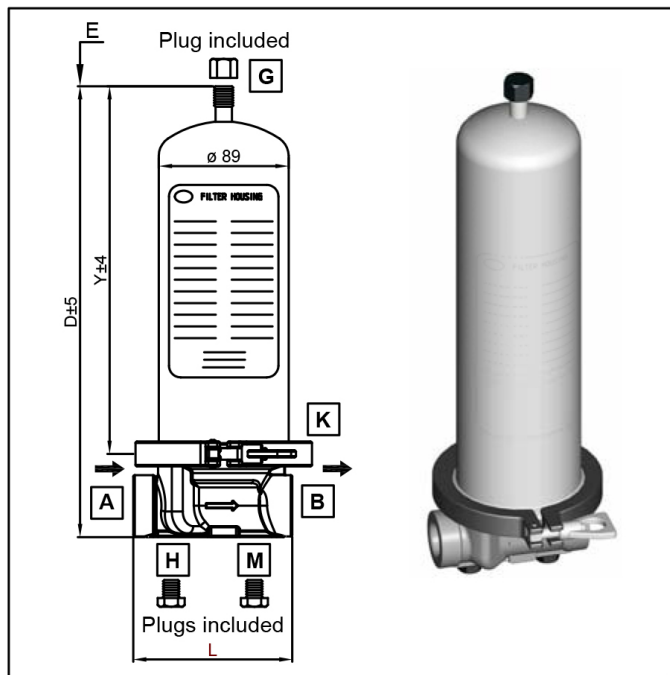
Technical Design Data

Design Code: PED 2014/68/EU
PED Category: SEP (Art 4.3)
PED Fluid Group: 1 & 2
PED Fluid State: Liquids (Group 1 & 2) and Gas (Group 2 only)
ATEX Regulation: Group 2, CAT 2 Gas & Dust
Fluid GR IIC, Zone 1 & 21

Design Pressure: Group 1 Liquid: 5 bar at -20 to 150°C
Group 2 Liquid and Gas: 8 bar at -20 to 40°C
Group 2 Liquid and Gas: 6.2 bar at 150°C

Design Pressure Note: Heavy clamp option must be chosen for gas usage

Certification: Supplied as standard with IOMI and vessel inspection certificate



Working Conditions 2014/68/EU			Maximum Pressure bar			
Fluid group	State	Temperature	10"	20"	30"	40"
Dangerous	Liquid	-20 ÷ 150°C	5.0	5.0	5.0	5.0
Not dangerous	Liquid	-20 ÷ 150°C	8.0	8.0	8.0	8.0
Not dangerous	Liquid	150°C	6.2	6.2	6.2	6.2
Not dangerous	Gas (2)	-20 ÷ 40°C	8.0	8.0	8.0	8.0
Not dangerous	Gas (2)	150°C	6.2	6.2	6.2	6.2

Heavy clamp option must be chosen for gas usage.

Vessel Model	10"	20"	30"	40"
Cartridge height	10"	20"	30"	40"
D mm	382	637	892	1147
E mm	300	554	808	1062
Y mm	320	575	830	1085
Total vessel volume (Litres)	1.8	3.3	4.8	6.3
Bowl weight (Kg)	1.1	1.9	2.7	3.5
Total net weight	4	4.8	5.6	6.4

Vessel Model	PHW
Drain connection	BSP 1/4" Female
Vent Connection	BSP 1/4" Male
L mm 226-COD7 BSP 3/4"	126±4
L mm 226-COD7 BSP 1" Weld 33.7	126±4
L mm 222-COD8 BSP 3.4"	114±2
L mm 222-COD8 BSP 1" Weld 33.7	98±2
L mm DOE BSP 3/4"	114±4
L mm DOE BSP 1" Weld 33.7	98±2

Ordering Information

Code	Cartridge Socket	Code	Length (Nominal)	Code	Gasket Material	Code	Flange Connection	Code	Inlet Outlet Connection
0	C Style (226 / FIN)	1	10" (250mm)	6	Silicone	0	Clamp	28	BSP 3/4" Female
1	D Style (222 / FIN)	2	20" (500mm)	9	EPDM			33	BSP 1" Female
2	B Style (DOE)	3	30" (750mm)					47	Weld OD 33.7 x 1.85mm
		4	40" (1000mm)						



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