

PHP Single and Multi Housings



- ▶ Specifically designed for liquid filtration applications in the food and beverage industry.
- ▶ PED 2014/68/EU, ATEX 2014/34/EU and food grade EC1935/2004 compliance.
- ▶ Easy handling sanitary single and multi cartridge filter housings.
- ▶ Cost effective housing without compromising quality.
- ▶ Supplied with adjustable support legs.
- ▶ Can be used with PED group 1 liquids during CIP.

Applications

The PHP housing range is specifically designed for liquid applications in:

- ▶ Beer
- ▶ Wine
- ▶ Bottled Water

Suitable for continuous use with PED group 2 liquids and gas, and PED group 1 liquids during CIP.

Availability

The PHP liquid filter housing range is available for 1 to 30 round cartridges. They will accept Parker's full range of C-Style (226) or D-Style (222) liquid filter cartridges of nominal length 10" to 40".

Materials

AISI 316L grade stainless steel is used for all wetted parts assuring corrosion resistance and durability. All gasket materials meet FDA regulatory requirements and Food Grade EC 1935/2004 compliance.

Surface Finish

Internal surfaces are mechanically polished to <math><0.8\mu\text{m}</math>. External surfaces are mechanically mirror polished.

Cleanability

Sanitary crevice free design and mirror polished surfaces guarantee enhanced cleanability. This range is suitable for both SIP and CIP.

Connections

The PHP range is available with a range of standard connections including ASME BPE clamp, DIN 11851 and butt weld.

Certification

Each filter housing is supplied as standard with a manufacturer's report test certificate, declaration of conformity (where applicable) and user manual.

Directives

Parker filter housings are manufactured in accordance with European Directives: PED 2014/68/EU and ATEX 2014/34/EU.

Technical Data

Materials (wetted surfaces):	316L Stainless Steel
Gasket Materials:	Silicone (EPDM or PTFE/FEP enc. Silicone also available)
Housing Closure:	Vee-Clamp (01, 03, 05 and 08) / Screw Clamp (12, 18, 24 and 30)
Internal Surface:	Ra <0.8um Mechanical Polish
External Surface:	Mechanical Mirror Polish
Design Conditions:	
Continuous use (PED group 2 fluids)	FV to 10 Bar @ -20 to 40°C (-14 to 145 psi @ -4 to 104°F)
	FV to 4 Bar @ -20 to 150°C (-14 to 58 psi @ -4 to 302°F)
CIP (PED group 1 liquids)	0 – 3 Bar @ 10 – 80°C (0 – 43.5 psi @ 50 – 176°F)

Ordering Information

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(1) Considered standard configuration
 (2) If selected, PTFE seal material only applies for PHP01. FEP enc. Silicone applies for PHP Multi (03 to 30)
 (3) Lifting lugs are not available on PHP01 or PHP03.

For further information refer to drawings 179502687 (PHP01), 179502702 (PHP03), 179502703 (PHP05), 179502704 (PHP08), 179502705 (PHP12), 179502706 (PHP18), 179502707 (PHP24) and 179502708 (PHP30).

Further Documentation

- ▶ Material Certificates 3.1 (609500552)
- ▶ Roughness Certificate 3.1 (609500345)
- ▶ Weld Procedure Book (609500339)
- ▶ Weld Qualification Book (609500340)

Accessories

Part Code	Part Number	Description
XPGSS08TC1	639503426	0 - 10 Bar pressure gauge with vent valve
XGSS08TC1	639503425	0 - 10 Bar pressure gauge with sight glass and valve
XVASS05TC3	639503421	Sample valve (1.5" TC)
XVASS06TC	639503423	Ball valve (1.5" TC)