

PHL Multi Housings



- ▶ Specifically designed for liquid filtration applications in the pharmaceutical industry
- ▶ PED 2014/68/EU, ATEX 2014/34/EU and FDA compliance.
- ▶ Screw clamp closure system for added security.
- ▶ Electropolishing option.

Applications

The PHL Multi housings range is specifically designed for final filtration & purification in pharmaceutical liquid applications.

Suitable for use with PED Group 1 & 2 liquids and gas.

Availability

The PHL Multi range is available in sizes from 3 up to 8 round. These housings will accept Parker's full range of C-Style (226) 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
Ra <0.8um (or Ra <0.4um)
External surfaces are mechanically mirror polished.
Electropolishing is available as an option.
All accessible welds are fully ground.

Cleanability

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

Connections

The PHL Multi housing range is available as standard with ASME BPE clamp or butt weld connections. Vent and drain ports are ASME BPE clamp. A lateral sanitary bleed valve is available as an option on the vent port.

(other connection options available on request)

Certification

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

Standards and Directives

- ▶ PED 2014/68/EU
- ▶ ATEX 2014/34/EU
- ▶ Pressure Equipment (Safety) Regulations 2016.

Technical Data

Materials (wetted surfaces):	316L Stainless Steel
Gasket Materials:	Silicone (EPDM or FEP enc. Silicone)
Housing Closure:	Screw Clamps
Number of Cartridges:	03, 05 & 08
Cartridge Height:	10", 20", 30" & 40"
Cartridge Location:	C-Style (226)
Internal Surface (Downstream):	Mechanical Polished Ra <0.8µm (or Ra <0.4µm) (Electropolishing available as an option)
External Surface:	Mechanical Mirror Polish
Design Conditions:	FV to 10 Barg @ 150°C (-14 to 145 psi @ 302°F)

Standard Housing - Ordering Information

Part Code	Size	Cartridge Loc.	Seal	Inlet /Outlet	Vent	Drain
PHL0317S21M8T0150	3 x 10"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0327S21M8T0150	3 x 20"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0337S21M8T0150	3 x 30"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0347S21M8T0150	3 x 40"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0527S21M8T0200	5 x 20"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0537S21M8T0200	5 x 30"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHPL0547S21M8T0200	5 x 40"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0827S21M8T0200	8 x 20"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0837S21M8T0200	8 x 30"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0847S21M8T0200	8 x 40"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")

Other part code variations are available. Refer to drawing: 179502713

Further Documentation

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

Available at extra cost, to be requested at time of order.

Accessories

Part Number	Part Code	Description
639504448	XPGSS06AL08	1.5" TC Diaphragm Pressure Gauge with Sampling Port (Hosebarb) + Clamp
639504449	XPGSS06AL09	1.5" TC Diaphragm Pressure Gauge with Sampling Port (Staubli RBE03) + Clamp