

HPM – PHARMACEUTICAL FILTER HOUSINGS

LIQUID - MULTI CARTRIDGE

The HPM is a multi-round filter housing that offers hygienic design and is suitable to handle a wide array of high flow rate liquids within processing and pharmaceutical applications.

Incorporating a lightweight bowl design with a Vee Clamp closure ensures easy access for rapid filter change out. This housing also incorporates a removable cartridge plate enabling it to be fully dismantled for cleaning. The HPM accepts Parker's full range of C-Style (226) filter cartridges with a nominal length of 10" to 30".

As standard Parker offers the HPM in three multi-round configurations catering for 3x, 5x or 8x cartridge filters with Tri-Clamp® connections and a selection of silicone or FEP/Silicone O-rings.

Features

- Designed to be easily stripped down for thorough cleaning
- PED 2014/68/EU and ATEX 2014/34/EU compliant
- T- style construction with self-draining
- Quick release clamp closure
- Suitable for use with PED Group 1 & 2 liquids

Specifications

Materials:	316L Stainless Steel
Gasket Materials:	Silicone or FEP/Silicone
Housing Closure:	Clamp
Finish:	0.8µm Ra mechanically polished inside and out + final electropolish
Number of Cartridges:	3, 5, 8
Cartridge Height:	10", 20", 30"
Cartridge Location:	C-Style (226)



Connections

Inlet/Outlet: 1.5" Tri-Clamp® (BS4825 Pt3) for HPM-03 housing
 2" Tri-Clamp® (BS4825 Pt3) for HPM-05 housing
 2.5" Tri-Clamp® (BS4825 Pt3) for HPM-08 housing
 Vent: 1.5" Tri-Clamp® (BS4825 Pt3)

Documentation

Each filter housing is supplied as standard with a Hydrotest Certificate, EU Declaration, Material Certification, Surface Finish Certification and IOMI.

Design Conditions

Liquid (Group 1+2): FV - 10barg @150°C
 Gas (Group 2): HPM-03: FV - 7barg
 HPM-05: FV - 6barg
 HPM-08: FV - 3barg
 PED 2014/68/EU : Compliant
 PESR 2016 No 1105: Compliant
 ATEX: Compliant with 2014/34/EU, Explosive Atmosphere Regulations 2016
 II 2G Ex h IIC T150 Gb
 II 2D Ex h IIIC T150 Db
 Fluid Groups: Gas Group 2
 Liquids Group 1 & 2
 Exceptions : Group 1 Liquids - Explosive
 Markings: CE

Ordering Information

HPM	-			C	-		T						
Code	No. of Filters	Code	Height	Code	Location	Code	Connection Size	Code	Connection Type	Code	O-Ring	Code	Document Pack
03	3	1	10"	C	C-Style	C	1.5" (HPM03)	T	Tri-Clamp®	F	FEP	S	Standard
05	5	2	20"			D	2" (HPM05)			S	Silicone		
08	8	3	30"			E	2.5" (HPM08)						

For further information refer to drawing number 179503119

Tri-Clamp® is a registered trademark of ALFA LAVAL CORPORATE AB
 Note: All Tri-Clamp® connections conform to BS4825 Pt. 3

