

HPN – PHARMACEUTICAL FILTER HOUSINGS

LIQUID – SINGLE CARTRIDGE

The HPN housing range is specifically designed for a wide array of non-critical liquid filtration applications across the pharmaceutical processing industry. The HPN accepts Parker's full range of C-Style (226) filter cartridges with a nominal length of 10" to 30".

The HPN range comes as standard with Tri-Clamp® inlet, outlet and vent connections (no drain). Housing material grade is 316L stainless steel. A selection of seal materials are available.

Features

- Designed for easy cleaning and accessibility
- PED 2014/68/EU and ATEX 2014/34/EU Compliant
- Self-draining T-style construction
- Mechanical polish inside and out with electropolish finish
- Quick release clamp closure
- Suitable for use with PED Group 1 & 2 liquids

Specifications

Materials:	316L Stainless Steel
Gasket Materials:	Silicone, EPDM, Gylon®
Housing Closure:	Clamp
Finish:	0.8µm Ra mechanically polished inside and out + final electropolish
Number of Cartridges:	1
Cartridge Height:	10", 20", 30"
Cartridge Location:	C-Style (226)



Connections

Inlet/Outlet: 1" or 1.5" Tri-Clamp® (BS4825 Pt3)
 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
 Gas Group 1: 5", 10", 20" = FV - 10barg
 30" = FV - 7barg
 Gas Group 2: FV - 10barg
 Temperature Range: -10°C to 150°C
 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 1 & 2
 Liquids Group 1 & 2
 Exceptions : Group 1 Liquids - Explosive
 Markings: CE

Ordering Information

HPN	-	S			C	-			T				
Code	No. of Filters	Code	Height	Code	Location	Code	Connection Size	Code	Connection Type	Code	O-Ring	Code	Document Pack
S	1	1	10"	C	C Style	B	1"	T	Tri-Clamp®	E	EPDM	S	Standard
		2	20"			C	1.5"			S	Silicone		
		3	30"							G	Gylon®		

For further information refer to drawing number 179503118

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