

# HPC – PHARMACEUTICAL FILTER HOUSINGS

## LIQUID & GAS – SINGLE CARTRIDGE

The HPC housing range is specifically designed for critical liquid or gas applications within the pharmaceutical industry. Applications include chemical synthesis and API manufacture, requiring an easy to clean, hygienic design that can be sanitized or steam sterilized readily.

The HPC is designed to offer low pressure drop in high flow applications is fully self draining and accepts Parker's full range of C-Style (226) filter cartridges with a nominal length of 5" to 30".

The HPC range comes with Tri-Clamp® connections as standard. Materials of construction (for wetted parts) is 316L stainless steel. A selection of closure gasket materials are available.

### Features

- PED 2014/68/EU and ATEX 2014/34/EU Compliant
- Sanitary T-style construction
- Mechanical polish to 0.4µm Ra (internal)
- Quick release clamp closure
- Suitable for use with PED Group 1 & 2 liquids and gases

### Specifications

Materials:	316L Stainless Steel
Gasket Materials:	Silicone, EPDM, Gylon®
Housing Closure:	Clamp
Finish:	0.4µm Ra mechanically polished internal and external + electropolish
No. of Cartridges:	1
Cartridge Height:	5", 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)
Drain:	0.5" 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) :	FV - 10 barg @150°C
Gas (Group 1):	5", 10" = FV - 10barg 20" = FV - 9barg 30" = FV - 6barg
Temperature Range:	-10°C to 150°C
PED 2014/68/EU:	Compliant
ATEX:	Compliant with 2014/34/EU, Level CE Ex II 2 GD c X
Fluid Groups:	Gas Group 1 & 2 Liquids Group 1 & 2
Exceptions:	Group 1 Liquids - Explosive
Markings:	CE

## Ordering Information

HPC	-	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	K	5"	C	C-Style	B	1"	T	Tri-Clamp®	E	EPDM	S	Standard
		1	10"			C	1.5"			S	Silicone		
		2	20"							G	Gylon®		
		3	30"										

For further information refer to drawing number 179503120

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