Custom
Filtration Solutions

ClearView – Visual Filtration Housing (VFH Series)

"To see is to control." **Liquid & Gas – Single Cartridge**

CLEARVIEW SERIES



A window onto your process!

ClearView is an innovative filter housing designed to provide visibility, safety and control for the most demanding pharmaceutical, cosmetic and biotechnology applications.
Its flush borosilicate glass window allows direct observation of the flow without interrupting the process, while ensuring perfect containment.
Combined with a mirror-polished 316L stainless steel construction, it combines impeccable hygiene with high-end industrial aesthetics.

Key benefits

- Visual inspection of complete purge
- 100 % Stainless steel 316L mechanical polishing or electropolishing
- Configurator on http://www.pharmacraft.eu
- Direct observation of liquid level, foam, air bubbles and cartridge presence
- Clamp fittings for quick maintenance
- Suitable for 10‘, 20’, 30" and traceability
- Customised connections in accordance with ASME BPE, ISO, SMS and DIN standards

Typical applications

- Sterile filtration for pharmaceuticals and cosmetics
- Visual inspection of liquid phases
- Purified water loops or WFI
- Filling systems and CIP/SIP
- Liquid processes in the laboratory or pilot production

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Technical specifications

Body material	316L stainless steel 1.4404 or 1.4435 (pharmaceutical grade)
Finition	Internal/external electropolishing (Ra ≤ 0.4 or 0.8 µm)
Window material	Borosilicate glass
Process connection	Clamp DN25 à DN50
Cartridge connection	C-Style (226)
Pression de service	6 bars at 20 °C
Maximum temperature	150 °C
Cartridge length	10''/ 20'' / 30''
Closure type	Clamp with FDA & USP Class VI seal
Available seals	EPDM / Silicone platinum / Viton / FFKM (option)
Inlet/Outlet	Customised in accordance with ASME BPE-ISO-SMS or DIN

Options and configurations

- Pharmaceutical-grade clamp pressure gauge
- ATEX
- Sanitary drain and purge valves
- Wall mount or stand mount
- connections for integrity testing
- Hastelloy C22

Regulatory information

Designed in accordance with GMP best practices. FDA/USP Class VI compliant seals. Individually pressure tested and complete quality documentation provided.

ORDERING INFORMATION – ClearView SERIES

VFH	OPTION ATEX	Cartridge size	Process Connection 1 (Inlet)	Process Connection 2 (Outlet)	Material seal	DRAIN ½''	VENT ½''	SURFACE FINISH
VFH	**Oui =** A **Non= -**	**10''** **20''** **30''**	**(A)ASME** 1'' /1.5''/2'' **(I)ISO** DN20 à DN40 **(S)SMS** DN25 à DN51 **(D)DIN** DN20 à DN50	**ASME** 1'' /1.5''/2'' **ISO** DN20 à DN40 **SMS** DN25 à DN51 **DIN** DN20 à DN50	**SILICONE** **EPDM** **FFKM**	**Clamp ½'' =** DP050 **SANS=** 0	**Clamp ½'' =**VP050 **SANS=** 0	**B =** 0.8 µm POLI MECA **EP=** 0.4 µm Electropoli

Example for a 10' housing with 1' ASME inlet/outlet process connections with silicone seal + bottom drain and vent drain with electropolished finish Ra<0.4

VFH	-	10"	PC1-A100	PC2-A100	SIL	DP050	VP050	EP

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EasyCare™ Maintenance Kits – PHARMACRAFT

Optimise the service life of your housings and simplify your maintenance operations

EasyCare™ are complete maintenance kits designed for **PHARMACRAFT** filtration housings (CPG, CPG-MC, ClearView and Plug&seal ranges).

They contain all the replacement parts needed to ensure the integrity, safety and longevity of your equipment.

Manufactured from materials that comply with **FDA/USP Class VI** and **ADI Free** standards, EasyCare™ kits ensure fast and reliable replacement of critical components without compromising on quality or traceability.

ORDERING INFORMATION – Kit VFH ClearView

Each kit contains:

- 1 base seal
- 1 Base clamp
- Individually sealed pack, identified with batch number and PHARMACRAFT reference
- Certificate of compliance with FDA-USP Class VI and ADI Free materials

VFH	KIT	Material seal	CLAMP
VFH	**KIT**	**SILICONE** **EPDM** **FKKM**	**CL-304** **CL-316L**

Example for a silicone seal kit and clamp 304 for VFH

VFH	KIT	SIL	CL-304