

Main applications

Specialty chemical
Food & beverage

Characteristics

- Designed in accordance with EN 13445 code.
- Materials in contact with fluids: 316L-SS.
- Mechanically polished surfaces.
- Available with two different closure type:
 - Standard V-Clamp (10 bar @ 150 °C)
 - Heavy Duty V-Clamp with safety double bolt to avoid incidental opening (16 bar @ 150 °C)
- Suitable for cod.7 cartridges, height from 5" to 40".
- In-line connections with inlet condensation chamber.
- Suitable for SIP (in site sterilization).
- Compliant with 2014/68/UE PED Directive.
- Compliant with 2014/34/UE ATEX Directive.
- Compliant with 1935/2004/UE Directive.
- Suitable for liquids and gases Gr.1 and 2.
- Different in/out connections available as option.
- Standard base/bowl sealing with Silicone O-ring.
- 100% hydraulically tested filters.



CHARACTERISTICS	
Base / Bowl	316L-SS
V-clamp	304-SS
Internals	316L-SS
Not wet external parts	304-SS
Gaskets	Silicone O-ring
Internal surface finishing	Mechanical polishing Ra < 0.8 µm (32 µin)
External surface finishing	Mechanical polishing
Design pressure	-1 ÷ 10 bar (V-Clamp) or -1 ÷ 16 bar (Heavy Duty V-Clamp)
Design temperature	-20 ÷ 150 °C
ATEX classification	II 2 G Ex h IIC T3 –T6 Gb X / II 2 D Ex h IIIC T150°C-T85°C Db X

Dimensions

Modello	Dimensioni [mm]								
	A	B	C	D _{5"}	D _{10"}	D _{20"}	D _{30"}	D _{40"}	In/out
GKCPV01 (*)SA01C-R088	88.9	139	91	381	501	751	1001	1251	1" TC
GKCPV01 (*)SA1HC-R088	88.9	137	91	381	501	751	1001	1251	1.1/2" TC
GKCPV01 (*)SA02C-R088	88.9	148	88	381	501	751	1001	1251	2" TC

Dimensions valid for in/out TC ASME BPE. Manufacturing tolerances: contact Asco Filtri.

(*) : cartridge length.

For different connection contact Asco Filtri.

Vent: 1.1/2" TC ASME BPE. Drain: 1/2" TC ASME BPE.

Modello	Dimensioni [mm]								
	A	B	C	D _{5"}	D _{10"}	D _{20"}	D _{30"}	D _{40"}	In/out
GKCPV01 (*)SA01D-R088	88.9	180	99	400	520	770	1020	1270	DN25
GKCPV01 (*)SA1HD-R088	88.9	188	99	400	520	770	1020	1270	DN40
GKCPV01 (*)SA02D-R088	88.9	201	195	400	520	770	1020	1270	DN50

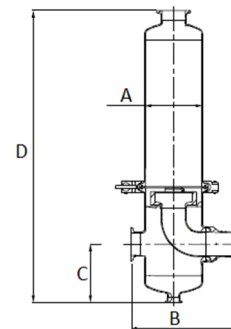
Dimensions valid for in/out DIN 11851. Manufacturing tolerances: contact Asco Filtri.

(*) : cartridge length.

For different connection contact Asco Filtri.

Vent and drain: 1/4" BSP (plugs not included, available as option).

Modello	Nr x H	V-Clamp standard PS: -1/10 bar			V-Clamp Heavy Duty PS: -1/16 bar		
		Volume [lt]	Cat. PED	Peso [kg]	Volume [lt]	Cat. PED	Peso [kg]
GKCPV01H	1 x 5"	2.2	4.3	6.5	2.2	4.3	6.5
GKCPV011	1 x 10"	3.0	4.3	7	3.0	4.3	7
GKCPV012	1 x 20"	4.5	4.3	8	4.5	4.3	8
GKCPV013	1 x 30"	6.0	4.3	9	6.0	4.3	9
GKCPV014	1 x 40"	7.5	4.3	10	7.5	4.3	10



Optional accessories

Internal mechanical polishing Ra < 0.4 µm (16 µin), roughness guaranteed only downstream cartridge.

BSP or NPT plugs for vent and drain, completed with Viton O-ring.

Pressure gauge with sanitary valve and clamp 1.1/2" TC.

Vent with lateral port 1/2" TC.

Sampling connection 1/2" TC / RECTUS 21 and 1/2" TC clamp.

Sampling connection 1/2" TC / STAUBLI RBE 03 and 1/2" TC clamp.

Sampling connection 1/2" TC / hosebarb and 1/2" TC clamp.

Contact us for any further information.

We reserve the right to change the data of this specification without notice.