

# PHV Single and Multi Housings



- ▶ Atmospheric single and multi-round filter housings for filtration of tank air.
- ▶ Designed for the food and beverage industry.
- ▶ Available in 1, 3, 5, 8 and 12 round.
- ▶ Easy handling with light bowl.

## Applications

The PHV vent filter housing range is specifically designed for food and beverage applications that require filtration of tank air to atmosphere in:

- ▶ Beer
- ▶ Wine
- ▶ Bottled Water
- ▶ Dairy

## Availability

The PHV vent filter housings are available as single and multi-round for 1, 3, 5, 8 and 12 filter cartridges. The series will accept Parker's full range of C-Style (226) filter cartridges of nominal lengths 10", 20" and 30".

## Materials

AISI 316L grade stainless steel is used for all wetted parts assuring corrosion resistance and durability.

## Surface Finish

Internal and external surfaces are mechanically polished (<0.8µm Ra on the tank side).

## Connections

The PHV vent filter range is available with Tri-Clamp, DIN 11851 liner or DIN 11851 male connections.

## Certification

Each filter housing is supplied as standard with a manufacturer's report test certificate, declaration of conformity (where applicable) and user manual.

## Directives

Parker filter housings are manufactured in accordance with European Directives: PED 2014/68/EU & ATEX 2014/34/EU.

## Technical Data

Materials (wetted surfaces):	316L Stainless Steel
Housing Closure:	Vee-Clamp (Single) / Hand Wheels (Multi)
Number of Cartridges:	01, 03, 05, 08 and 12
Cartridge Height:	10", 20" and 30"
Cartridge Location:	C-Style (226)
Internal Surface:	Mechanical Polish (Ra <0.8µm on tank side)
External Surface:	Mechanical Polish

## Standard Housing - Ordering Information

Part Code	Size	Cartridge Loc.	Tank Connection	Handles
PHV0117T020	1 x 10"	C-Style (226)	Clamp ASME BPE (2")	No
PHV0127T020	1 x 20"	C-Style (226)	Clamp ASME BPE (2")	No
PHV0137T020	1 x 30"	C-Style (226)	Clamp ASME BPE (2")	No
PHV0317T030	3 x 10"	C-Style (226)	Clamp ASME BPE (3")	No
PHV0327T030	3 x 20"	C-Style (226)	Clamp ASME BPE (3")	Yes
PHV0337T030	3 x 30"	C-Style (226)	Clamp ASME BPE (3")	Yes
PHV0517T040	5 x 10"	C-Style (226)	Clamp ASME BPE (4")	No
PHV0527T040	5 x 20"	C-Style (226)	Clamp ASME BPE (4")	Yes
PHV0537T040	5 x 30"	C-Style (226)	Clamp ASME BPE (4")	Yes
PHV0817T040	8 x 10"	C-Style (226)	Clamp ASME BPE (4")	No
PHV0827T040	8 x 20"	C-Style (226)	Clamp ASME BPE (4")	Yes
PHV0837T040	8 x 30"	C-Style (226)	Clamp ASME BPE (4")	Yes

Other part code variations are available. Refer to sales drawing 179502683 for full part coding structure.

## Further Documentation

- ▶ Material Certificates 3.1 (609500552)
- ▶ Roughness Certificate 3.1 (609500346)
- ▶ Weld Procedure Book (609500339)
- ▶ Weld Qualification Book (609500340)

Available at extra cost, to be requested at time of order.