

PHV Vent Housings



- ▶ Atmospheric vent filter housings for filtration of tank air.
- ▶ Designed for the food and beverage industry.
- ▶ Easy handling with light bowl.

Applications

The PHV is designed specifically for high flow rate bulk liquid pre-filtration and raw water applications in:

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

Availability

The PHV range offers a self draining and user friendly vent filter housing. 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 Connections.

Certification

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

Standards and Directives

- ▶ ATEX 2014/34/EU

Technical Data

Materials (wetted surfaces):	316L Stainless Steel
Housing Closure:	Vee-Clamp
Number of Cartridges:	01
Cartridge Height:	10", 20" & 30"
Cartridge Location:	C-Style (226)
Internal Surface:	Mechanical Polish (Ra <0.8um available as an option)
External Surface:	Mechanical Polish

Standard Housing - Ordering Information

Part Code	Size	Cartridge Loc.	Tank Connection
PHV0117T020	10"	C-Style (226)	Clamp ASME BPE (2")
PHV0127T020	20"	C-Style (226)	Clamp ASME BPE (2")
PHV0137T020	30"	C-Style (226)	Clamp ASME BPE (2")

For further information refer to drawing 179502683

Further Documentation

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

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