

PVC Bag Filter Housing



Thermoplastic polymer filter housings provide an economical alternative to stainless steel. The patented design is made of durable, corrosion and UV resistant UPVC suitable for low pressure applications up to 7 bars.

The bag filter housing includes an internal support basket, a 5 micron bag filter element, mounting stand, and a spanner for the threaded cap on low pressure models.

Material

| | |
|---------|---------------|
| Housing | UPVC |
| Bolts | 304 or 316 SS |

Operating Limits

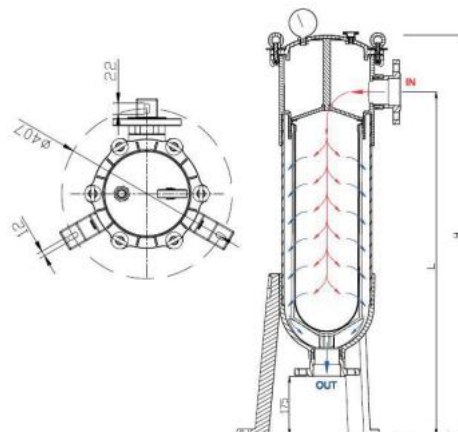
| | |
|-------------|--|
| Pressure | ≤ 4 bar (Model A), ≤ 7 bar (Model B) |
| Flow rate | ≤ 12 m ³ /h (Model 1) ≤ 23 m ³ /h (Model 2) 2½" 8NPSM or 4" 8UN |
| Temperature | 4 to 45°C |

Connections

| | |
|-------------|-----------------------------|
| In/Out 2" | DN50 flange |
| Air vent | ¼" BSP (vent included) |
| Press gauge | ¼" BSP (gauge not included) |

Filter Element

| | |
|----------------|--|
| Rating Nominal | 5µm bag included |
| Bag size | 7x17" ~ 178x419 mm (model 1) 7x32" ~ 178x813 mm (model 2) |



| Model | Vessel Diameter | Total Height (H) | Inlet Height (L) | Outlet Height | Max Flow | Max Pressure |
|---------------|-----------------|------------------|------------------|---------------|----------|--------------|
| HXPBF1-1A | 225mm | 805mm | 650mm | 175mm | 12 m3/h | 4 bar |
| HXPBF1-2A | 225mm | 1190mm | 1035mm | 175mm | 23 m3/h | 4 bar |
| HXPBF1-1B-304 | 225mm | 820mm | 665mm | 175mm | 12 m3/h | 7 bar |
| HXPBF1-1B-316 | 225mm | 820mm | 665mm | 175mm | 12 m3/h | 7 bar |
| HXPBF1-2B-304 | 225mm | 1200mm | 1045mm | 175mm | 23 m3/h | 7 bar |
| HXPBF1-2B-316 | 225mm | 1200mm | 1045mm | 175mm | 23 m3/h | 7 bar |