

# Cartridgefilterhousing

---

## Series Big Blue



## Data-Sheet

---

**Length 10" - 20"**

Stand 02.2018



## General

Big Blue Filter Housings offer the versatility to meet all of your large-capacity filtration needs, including high-flow and heavy-sediment applications. The large housing allows for greater cartridge capacity, reducing the number of vessels required for high flow-rate applications. Sumps are available in both 10" and 20" lengths.

The High-Flow Polypropylene (HFPP) cap is available with ¾", 1" or 1½" NPT inlet and outlet ports. The 1½" internal port allows a greater volume of liquid to pass through the HFPP cap more rapidly.

Big Blue Housings are compatible with a broad range of chemicals and are available with or without a pressure relief button. They accept a wide variety of 4½" diameter cartridges.



- Large capacity housing suitable for high flow applications
- Pressure relief/bleed on inlet side of cap
- Cartridges:                    Ø 4½"
- Length:                         10", 20"
- Port:                             ¾", 1", 1½" BSP (or NPT)
- Material:                     Housing:           Polypropylen  
  Cap:                 Polypropylen (HFPP)
- O-Ring:                        Buna-N
- Max. temperature:         37,8°C
- Max. pressure 10":         6,9 bar
- Max. pressure 20":         6,2 bar



The housing are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material and structural integrity requirements

## Product-details

Model	Inlet/Outlet	Max. Dimension	Initial ΔP (PSI) @ Flow rate (GPM)
10" Big Blue	¾" BSP	324 x 187 mm (13⅞" x 7¼")	0,14 bar @ 57 l/m
10" Big Blue	1" BSP	338 x 189 mm (13⅞" x 7¼")	0,07 bar @ 57 l/m
10" Big Blue	1½" BSP	342 x 189 mm (13⅞" x 7¼")	0,07 bar @ 76 l/m
20" Big Blue	¾" BSP	585 x 187 mm (23⅞" x 7¼")	0,14 bar @ 57 l/m
20" Big Blue	1" BSP	590 x 189 mm (23⅞" x 7¼")	0,07 bar @ 57 l/m
20" Big Blue	1½" BSP	603 x 189 mm (23⅞" x 7¼")	0,07 bar @ 76 l/m

## General safety instructions



- To prevent accidents, the installation, connection and commissioning may only be carried out by authorized and qualified personnel.



**Note:**

1. When installed in open air, the filter must be protected from frost.
2. The flow depends on dirt load and mesh size.

## GEFA Certificates

### ISO 9001 - OHSAS 18001 - ISO 14001

Zusätzlich zum Qualitätsmanagementsystem **ISO 9001** hat die GEFA Processtechnik GmbH jetzt auch für die Bereiche Arbeitsschutz (**OHSAS 18001**) und Umweltmanagement (**ISO 14001**) ein sichtbares Zeichen:



Die **OHSAS 18001** und **ISO 14001** Zertifizierungen sind weltweit anerkannte Standards mit dem Fokus auf Personenschutz, Arbeitssicherheit, Gesundheitsvorsorge und Umweltschutz.