

**GENERAL INFO**

**MAXIPLUS™ BAG FILTER HOUSING**

The Puretec MaxiPlus™ bag filter housing assembly is commonly used in high sediment, chemical and process applications where longer service life is required.

Durable and lightweight polypropylene construction is used giving a compact assembly.

The Puretec MPB Series is capable of flow rates of up to 180 litres per minute, 38°C temperature, and a maximum pressure of 620\* kPa.

Available in 1½" connection size. The Bag filters come to suit in 1, 5, 10, 25, 50, 100 and 200 micron grades. Duplex systems, manifolded together are recommended for higher and/or uninterrupted flows. Custom design manifolds can be designed and supplied.

**FEATURES & BENEFITS**

- High capacity housings for flow rates up to 180 litres per minute
- Suitable for high flow applications
- Robust design for longevity and reliability
- Tough polypropylene construction
- Compact and economical, ideal for duplex systems
- Connection size 1½"

**STANDARD INCLUSIONS**

- 1x High Quality PP filter housing with drain port and ball valve
- 1x Polypropylene filter basket
- 1x pressure gauge
- 1x mounting bracket
- 1x spanner wrench

**MATERIALS OF CONSTRUCTION**

- |                       |                            |
|-----------------------|----------------------------|
| • Housing             | Polypropylene              |
| • Cap                 | Polypropylene              |
| • Gauge               | Bismuth Brass (lead free)  |
| • Vent Plug           | Polypropylene              |
| • Drain Plug          | High Density Polypropylene |
| • Ball Valve          | PVC/Buna-N Seals           |
| • Basket              | Polypropylene              |
| • O-Ring and Gaskets  | Buna-N                     |
| • Maximum Temperature | 38°C                       |

**APPLICATIONS**

- Desalination Prefiltration
- Waste water treatment
- Reverse Osmosis prefiltration
- Electronics chemical process
- Fine chemical process

*Before use, please refer to published reference materials for chemical.*

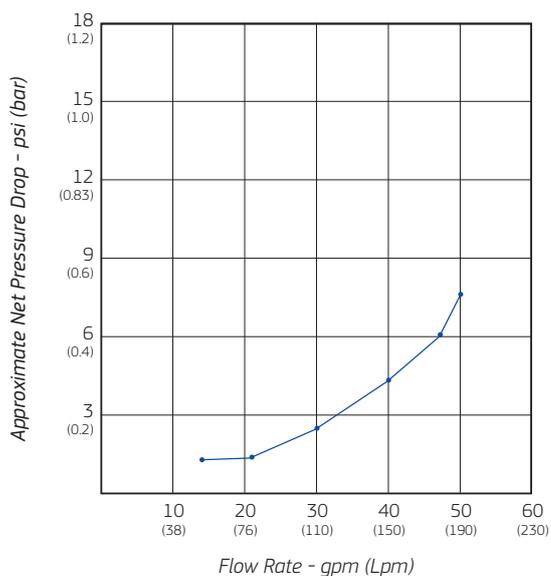


**HOUSING SPECIFICATIONS AND PERFORMANCE DATA**

Ordering Code:	<b>MPB2020B</b>
Material:	Polypropylene
Filter Elements:	MPBR Series Polypropylene media
Flow:	0 - 180 Lpm
Connection:	1½"
Operating Pressure Min/Max:	0 - 620* kPa
Operating Temperature Min/Max:	0 - 38 °C (protect from freezing)
Gauge Size:	¼" NPTF
O-ring:	B-Buna
Warranty:	3 years^

^3 year warranty is 1 year parts and labour, plus 2 years parts only. \*Where line pressure exceeds 500 kPa, an approved pressure limiting device must be installed to comply with Australian & New Zealand Plumbing Standards. (Ref. AS/NZS 3500.1:2021, Clause 3.3.4).

Bag Filter Replacements	Size (inches)	Description	Flow Rate (Lpm)
<b>MPBR012</b>	20"	1 micron rating	135
<b>MPBR052</b>	20"	5 micron rating	140
<b>MPBR102</b>	20"	10 micron rating	145
<b>MPBR252</b>	20"	25 micron rating	158
<b>MPBR502</b>	20"	50 micron rating	165
<b>MPBR1002</b>	20"	100 micron rating	170
<b>MPBR2002</b>	20"	200 micron rating	180

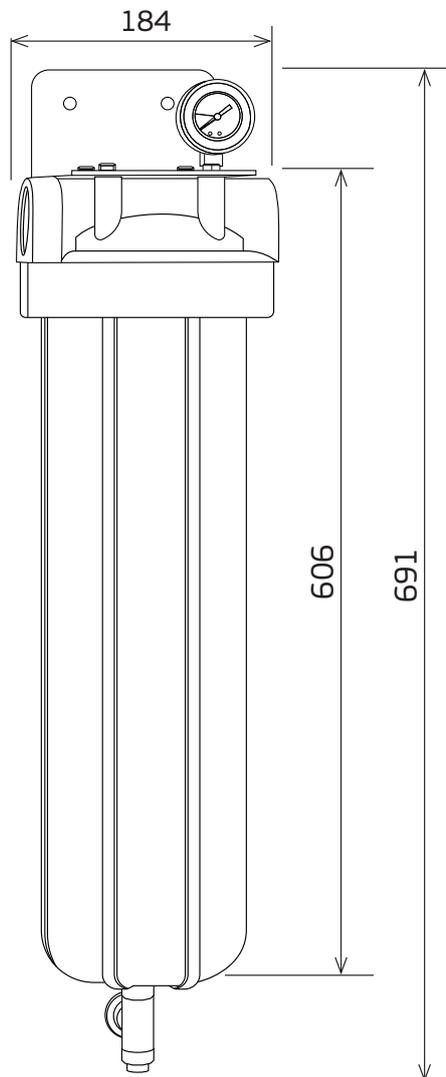
**PRESSURE / FLOW RATE CHART**

**SPARE PARTS**

Ordering Code	Description
<b>MPBOR</b>	O-ring, suits MPB202 housing



MPBOR

**PRODUCT DIMENSIONS** Measurements in Millimeters (mm)



- Note:**
1. No claims can be made based on the specifications and images in this document. The design, technology, colours, features and prices are subject to change.
  2. This document and all its contents are copyright protected. All rights are reserved, particularly alteration, translation and reproduction using electronic systems.
  3. ^Warranties in this document cover parts for the period stated and include cover for parts and labour for the first year where applicable, subject to approval. Our Water Filtration Specialists can provide you with advice to suit your needs.