

GENERAL INFO

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

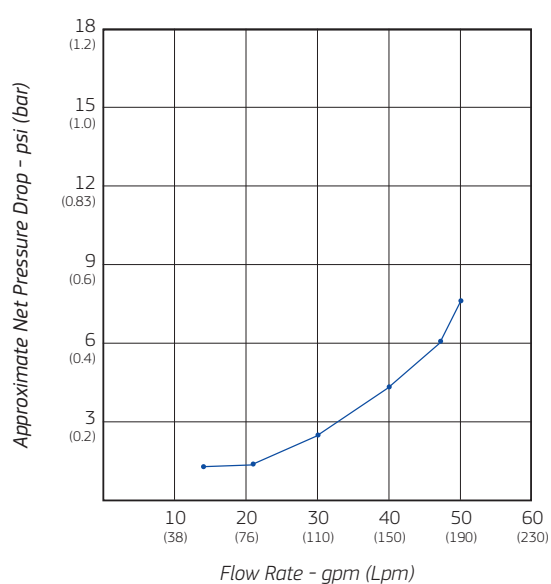
Before use, please refer to published reference materials for chemical.

HOUSING SPECIFICATIONS AND PERFORMANCE DATA

Ordering Code:	MPB2020B
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)
MPBR012	20"	1 micron rating	135
MPBR052	20"	5 micron rating	140
MPBR102	20"	10 micron rating	145
MPBR252	20"	25 micron rating	158
MPBR502	20"	50 micron rating	165
MPBR1002	20"	100 micron rating	170
MPBR2002	20"	200 micron rating	180

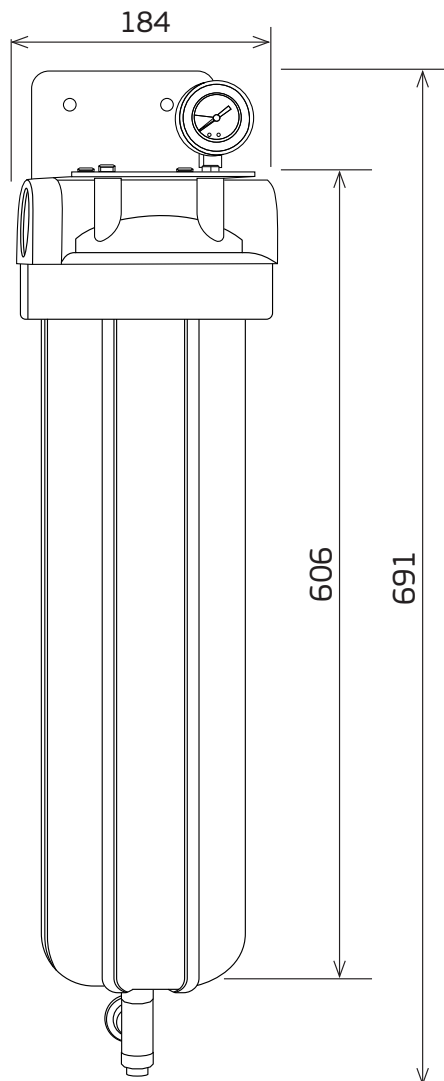
PRESSURE / FLOW RATE CHART

SPARE PARTS

Ordering Code	Description
MPBOR	O-ring, suits MPB202 housing



MPBOR

PRODUCT DIMENSIONS Measurements in Millimeters (mm)



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 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.