

## DualStage MF 10-P



### Pre-filter combined with MF membrane insert

The DualStage MF 10-P combines particle filtration and micro-filtration in a single 10" cartridge making it ideal for water with high particulate loading which needs to be microbiologically safe.

- Bacterial retention: > 99,99999%
- Polypropylene pre-filtration
- No impact on chlorine residual
- Fits standard 10 inch housing

Filter Type	Dual Stage MF 10-C	Dual Stage MF 10-CL	Dual Stage MF 10-P	Micro 10	Active Carbon 10-C	Active Carbon 10-CL
Capacity (litre)**	4.000	2.500	3.000	12.000	38.000	38.000
Flow Rate (l/min @ 2bar)*	8	8	8	40	12	8
<b>Construction Material</b>						
Carbon	•	•			•	•
Polypropylene			•			
Membranes	•	•	•	•		
<b>Application (removal of)</b>						
Particles	•	•	•	•		
Bacteria	•	•	•	•		
Chlorine	•	•			•	•
Taste & Odour	•	•			•	•
Heavy Metals		•				•
Pharmaceuticals		•				•

For more information visit [www.primewater.com](http://www.primewater.com)



## DualStage MF 10-P

### About Prime water

Prime water membranes manufacture capillary membranes, membrane cartridges and water filters for the purification and disinfection of drinking water at point of use. Our core business is the production of high performance membranes: hollow fibres with a microporous structure that allow water to pass while retaining the smallest micro-particles and bacteria.

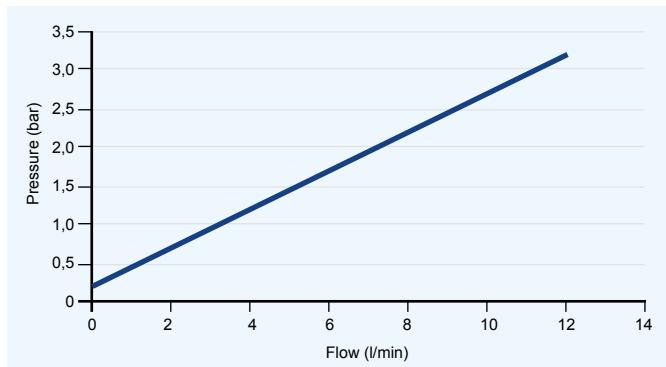
### DualStage MF 10-P

The DualStage MF 10-P filter consists of a 9 3/4" high quality 1 µm polypropylene thermal bonded prefilter and a Prime Water® MF membrane cartridge at its core. Water flows from the outside through the polypropylene pre-filter and exits

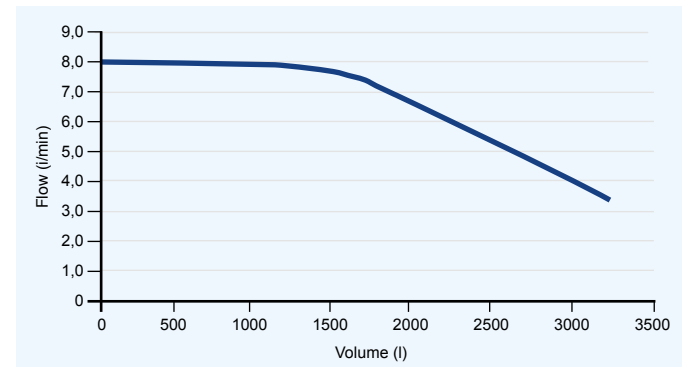
Our membrane technology combines the features of high flow at low pressure, allowing us to build compact cartridges that are ideal to be used at the point of use. Prime water membranes is part of the Aqua free group. Aqua free is a specialist supplier of water hygiene products and service for both medical and nonmedical environments.

through the membranes. The DualStage MF 10-P is particularly suited to situations with a high particle load in the water, where removal of dissolved substances like chlorine is not required.

### Flow – Pressure characteristics



### Service life



### Technical specifications

- |                        |   |                   |   |
|------------------------|---|-------------------|---|
| ■ Membrane type:       | Prime Water® MF, asymmetric hydrophilic capillary membranes | ■ Max. pressure:  | 5 bar (75 psi)  |
| ■ Membrane material:   | PES   | ■ Max. temp:      | 40°C (104°F)  |
| ■ Max. pore size*:     | 0,20 µm absolute  | ■ Flow rate:      | 8 L/min @ 2 bar   |
| ■ Bacterial retention: | > 99,99999% (log 7) ASTM F838-05                            | ■ Service life**: | +/- 3.000 L   |
| ■ Cartridge size:      | 62 x 248 mm (OD x Length)                                   | ■ Material:       | Prefilter: polypropylene<br>End-caps: ABS<br>Filter tube: HIPS<br>Potting: 2K epoxy resin |
| ■ Weight:              | 260 g   |                   |   |

\* Membrane cartridge tested for integrity according to ASTM D6908-06.

\*\* Service life depends on local water conditions, the amount of micro particles (SDI) and level of prefiltration. SDI measured according to ASTM D4189-95. European guidelines prescribe exchange of cartridge after 6 months.

### Application areas



Household

++



Legionella

+/-



Dispensers

+



Healthcare

+/-



Leisure/recreation

+