

DualStage MF 10-C



10 inch carbon block plus micro filtration membrane

The DualStage MF10-C improves taste and odour of the water and makes it microbiologically safe.

- Superior service life
- Reduces > 99% of free chlorine
- Bacterial retention: > 99.99999%
- Removes bad taste and odour
- High quality active carbon
- Ideal pre-filter

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	5,000
Flow Rate (l/min @ 2bar)	8	8	8	40	12	8
Construction Material						
Carbon	●	●		●		●
Polypropylene Membranes	●	●	●	●		
Application (removal of)						
Particles	●	●	●	●		
Bacteria	●	●	●	●		
Chlorine	●	●			●	●
Taste & Odour	●	●			●	●
Heavy Metals		●				●
Pharmaceuticals		●				●

For more information visit www.primewater.com



DualStage MF 10-C

About Prime water

Prime water 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 fib-res with a microporous structure that allow water to pass while retaining the smallest micro-particles and bacteria.

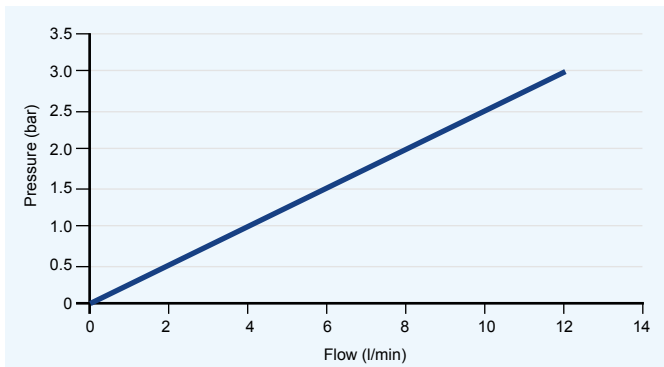
Dual Stage MF 10-C

The DualStage MF10-C filter consists of a 9 3/4" carbon shell combined with a Prime water® MF membrane cartridge at its core. Water flows from the outside through the carbon and exits through the membranes. The DualStage MF10-C

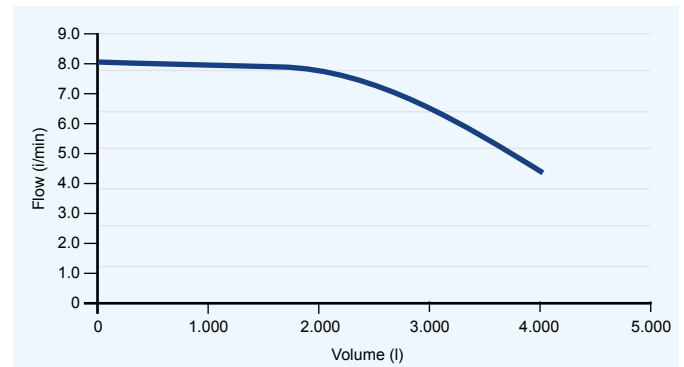
Our membrane technology combines the features of high flow at low pressure, allowing us to build compact cartridges that are ideal to be used at the point of use. Prime water is part of the Aqua free group. Aqua free is a specialist supplier of water hygiene products and service for both medical and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

improves the taste and odour of the water and makes it microbiologically safe. The carbon filters moulded felt structure makes the cartridge very stable and delivers a superior service life.

Flow – Pressure characteristics



Service life



Technical specifications

- | | | | |
|------------------------|---|---------------------|------------------------------------|
| ■ Membrane type: | Prime water® MF, asymmetric hydrophilic capillary membranes | ■ Weight: | 300 g |
| ■ Membrane material: | PES | ■ Max. pressure: | 5 bar (75 psi) |
| ■ Max. pore size*: | 0.20 µm absolute | ■ Max. temp: | 40°C (104°F) |
| ■ Bacterial retention: | > 99.99999% (log 7) ASTM F838-05 | ■ Flow rate: | 8 L/min @ 2 bar |
| ■ Carbon adsorption: | Reduces > 99% of free chlorine, removes bad taste and odour | ■ Service life**: | +/- 4000 L |
| ■ Cartridge size: | 71 x 249 mm (OD x Length) | ■ Filter materials: | Molded felt activated carbon shell |
| | | | Housing: HIPS |
| | | | End-caps: ABS |
| | | | Seal: EPDM |
| | | | Potting: 2K epoxy resin |

* 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

+