

MRC CARTRIDGES For Reduction of Iron



Penstar MRC cartridges, fitted in normal large diameter filter housings, provide simple, effective reduction of dissolved iron in domestic water supplies. Often will also reduce manganese levels to some extent but, in this case, performance cannot be guaranteed.

In addition to improving the taste of the water, these filters help to eliminate brown staining in sanitary-ware.

They can be used alone, where iron and manganese concentrations are within limits, or as a final filter to remove any carry-over after a backwash unit.

We recommend that a 5 micron sediment filter is fitted both before and after the MRC filter.

Cartridges can be supplied to fit in 10" or 20" filter housings

It is recommended that the cartridge is changed every 12months even if the capacity is not reached

Limitations on Chemical Analysis		Operating Conditions		
Minimum pH	7		10"	20"
Manganese	<1000 µg/l	Max pressure	6.2 bar	
Iron	<3000 µg/l	Max temp	37.5 °C	
Silica	<100 mg/l	Min temp	2 °C	
Iron bacteria	None	Maximum flowrate	11 l/min	23 l/min
Hydrogen sulphide	None	Capacity @ 1000µg/l	150,000 litres	300,000 litres

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