

Influent & Effluent Solutions

NEW - NIMBUS MnO₂ IRON AND METAL REMOVAL FILTER OPTIONS

➔ Iron, Manganese and other metals in water can cause problems regarding:

Nimbus Series Automatic & Manual Heavy Metal Filtration Units

- Stains on walls, baths, showers and tiles - "red-brown stains" colouring.
- Damage to plants & Soil
- Clogging of pipelines due to bacteria growth
- Problems caused in drinking water – health risk, see Nimbus Contaminant Guide.

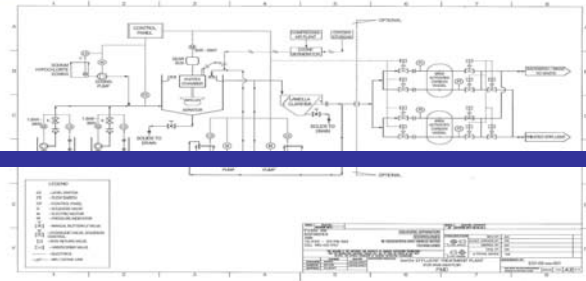


Filtration Vessel filled with Manganese MnO₂ Filter Media

FROM R8400.00 for A100/10*54 & R10800.00 for A150/13*54 – Excluding VAT and Manganese Green Sand-MnO₂ Media. - Long Life Media @ R1400.00 per 40kg bag, or R700.00/20kg, or R35.00/kg loading.

A100/10*54 requires 2 x 40kg bags – 80kg loading and A150/13*54 requires 4 x 40kg bags

- ➔ MnO₂ or Manganese Green Sand or Exfetrone is developed as a supreme anti-oxidant capable of removing these metals by oxidation & absorption and held in suspension to backwash stage.
- ➔ The media has a long life (10 to 20 years) and only requires frequent backwash – A100 uses 2x40kg bags and A150 uses 4x40kg bags.
- ➔ A 100/10*54 And A 150/13*54 Iron Removal Filters
- Manual Backwash with MPV or Automatic
- ➔ High Pressure, Automatic Backwash Filter Housing where required by Quote
- ➔ Manganese Green Sand is an Electrolytic Manganese Dioxide With High Capacity to remove Iron, Manganese and other Heavy Metals.



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NOTES;

Manual - No Power or Automatic Backwash – Alternative is **OZONE TREATMENT**



Enquire about Ozone Treatment for Iron & Metal Removal

Contaminant Guide

Iron & Heavy Metals	
Maximum Contaminant Level (MCL)	0.3 mg/L
Potential Health Effects (from ingestion of water)	Staining of laundry, plumbing, appliances
Potential Source of Contaminant	Natural deposits
Applicable NSF/ANSI Standard(s)	Standard 42
Water Treatment Technologies Certified by NSF for Reduction of this Contaminant	Manganese Green Sand Media MnO ₂ for light to heavy deposits & Adsorption (i.e. carbon/charcoal) for post filtration – after Filtration Media MnO ₂ if required.
Special Notes	None