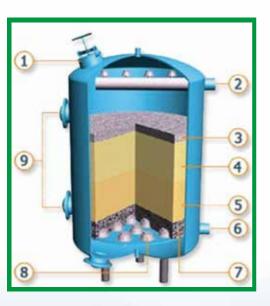






Filter media used in Iron-Manganese removal filters is an economical Filter media, which is used for the removal of the dissolved iron manganese compounds. In underground waters, dissolved iron is generally found in the form of iron bicarbonate. Iron manganese removal mineral, which acts as a catalyzer between iron compounds and oxygen, oxidizes dissolved form of Fe2+ to settleable form of Fe3+ (iron hydroxide). Iron manganese removal mineral is also an ideal filtration material whose accumulated sediments in the media are cleaned during backwash.



- 1. Upper Manhole Cover
- 2. Filter Inlet
- 3. Fe-Mn Mineral
- 4. Fine Sand Layer
- 5. Coarse Sand Layer
- 6. Filter Outlet
- 7. Gravel Layer
- 8. Nozzle Distribution Structure
- 9. Side Manhole Covers



FILTRATION SYSTEMS

IRON MANGANESE REMOVAL SYSTEMS

FRP Tank Fe-Mn Filters



TECHNICAL SPECIFICATIONS

Tank Dimensions: 8"x35" 63"x86" Tank Material: FRP $< 10 \, m/h$ Filtration Rate: Filtration Sensitivity: < 50 µ Inner Distribution Diffuser Distribution Structure: Structure

Piping: PVC Control*: Automatic Control Valve / Pneumatic / Electric Act. Valve Operating Pressure: 2-6 bar

(* Can be applied with surface piping after 30 "x72" models)

Carbon Steel Tank Fe-Mn Filters





Diameter:	Ø1000 mm Ø3200 mm
Cylindrical Height:	1800 mm
Туре:	Vertical/Horizontal
Tank Material:	Epoxy Coated Carbon Steel
Filtration Rate:	< 10 m/h
Filtration Sensitivity:	<50 µ
Inner Distribution Structure:	Nozzle
Piping:	PVC/Galvanized
Control:	Pneumatic/Electric Act. Valve
Operating Pressure:	2-6 Bar





Stainless Steel Tank Fe-Mn Filters



TECHNICAL SPECIFICATIONS

Diameter:	Ø1000 mm Ø3200 mm
Cylindrical Height:	1800 mm
Type:	Vertical/Horizontal
Tank Material:	304/316 Stainless Steel
Filtration Rate:	< 10 m/h
Filtration Sensitivity:	<50 µ
Filtration Sensitivity:	Nozzle
Piping:	304/316 Stainless Steel
Control:	Pneumatic/Electric Act. Valve
Operating Pressure:	2-6 Bar







info@miranda-tr.com



+90 (312) 473 40 70



+90 (312) 473 32 62



Beyaz Zambaklar Sokağı No:34/2 PK:06700 Gaziosmanpaşa / ANKARA