

Process / Potable Water Treatment

Special Media Filtration

(Iron Removal, H₂S Removal & Heavy Metal Removal)



Product Application

Special Media Filtration was developed to handle Iron, H₂S, and heavy metals dissolved in water and in high concentration where simple filtration is not enough. Special types of media are used to remove heavy metals contaminants in water and wastewater.

Special Media Filtration is utilized in industrial water and wastewater treatment applications:

- Mining Industries water treatment
- Industrial wastewater treatment
- Manufacturing wastewater
- Surface water and groundwater treatment
- Process Water treatment
- Commercial & municipal water treatment

Process Description

Special Media Filters are designed to reduce the contaminant concentrations in water to an acceptable level. Contaminants like Iron, Manganese, or H₂S and heavy metals are oxidized and converted into an insoluble form then filtered by the special media. Different types of media are used depending on what kind of contaminants are to be removed.

Product Benefits:

- Effective removal of wide range of pollutants
- Manual and Automatic Operation
- Simple operation and maintenance
- Low operating costs

Service and Features:

- Supply customized design
- Supply as part of integrated system to achieve the performance guarantee values
- Fast track delivery
- Retrofit for existing filters
- Installation & supervision commissioning
- Operation & maintenance services

