EITGROUP

Multimedia filters

Multimedia filters design is based on the required water quality and drinking water analysis. They can be supplied individually or as part of a water treatment plant. The control system for the multimedia filter can be filter-dedicated, or part of a general water treatment system. Filtration systems are designed specifically for their application, either by using fiberglass, PVC, lined with carbon steel or stainless steel.

Filtration systems are designed specifically for your application.

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Multimedia filters

Characteristics

- Turbidity
- Suspended solids
- Iron and Manganese
- Detergents
- Organic matter
- Soluble synthesis dyes
- Chlorinated solvents
- Phenols and hydroxylated derivatives
- Aromatic derivatives, substituted or not, especially chlorinated or nitrated derivatives
- Flavors and smells

In short, the use of multimedia filters must be considered when trying to remove contaminants such as:

- Production flows up to 140 m3/h for standard equipment.
- Possibility of modular expansion of equipment in parallel.
- Piping in PVC, CPVC, PP, AISI 304 and AISI 316.
- Compressed air lines in stainless steel.
- Conservative flow rates.
- Polished mirror in all sanitary designs.
- High-quality internal accessories, distributors and support.
- Pre-assembled and pre-wired modules on self-supporting skids.
- PLC-based control.
- Measurement and control instruments.