



industrial filtration systems



AquaSTAR

Undissolved solids and suspended matter in the water make it unsuitable for any kind of consumption. It is also necessary to remove such suspended solids and turbidity for reliable operation of any other type of water treatment equipment.

Organic matter in the water cause color, bad taste and odor. Chlorine which is injected to water for disinfection also causes bad taste and odor, as well as carcinogenic compounds.

Aquastar industrial multimedia filters and activated carbon filters are designed to remove all such contamination in the most economical and reliable way.

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Multimedia filters

- FD series multimedia filters are used remove suspended solids and turbidity from the water. These filters can typically perform 10 μ filtration.
- Automatic backwash can be initiated by time-clock or differential pressure (optional).
- Backwash is done with raw water and the very effective with low consumption of energy and water.

Activated carbon filters

- FA series activated carbon filters are used remove organic matter and chlorine from the water.
- Automatic backwash can be initiated by time-clock or differential pressure (optional).



FD/FA 50 - 250	Technical Data
FLOW RATE (m ³ /h)	10 - 120
INLET/OUTLET	1" - 6"
FILTER TANK	St-37 carbon steel, totally sand blasted to SA2½, internally 250 μ epoxy coated, and externally rust proof painted
CONTROL VALVES	Hydraulic diaphragm valves or pneumatically actuated butterfly valves, controlled by a pilot valve
AUTOMATION	Microprocessor control with easy programming and screen; displaying backwash time, treated water quantity, flow rate etc.
DESIGN INFO	Filtration Range 10 μ Bacteriological Activity NO Oil - Grease NO