



Water and Waste Solutions



Auto Filters and Auto Softeners with Auto Multi-Port Valve

Auto Filters with Auto Multi-Port Valve

Filtration is the most effective process to remove suspended impurities using a fine physical barrier. Wide ranges of filters catering to specific customer needs are being offered.

Dual Media Filters:

- Consists of “Sand and Anthracite” as filtering medium
- Used to filter out suspended solids
- Standard capacities: 0.6 to 22.50 m³/hr

Activated Carbon Filters:

- Contains activated carbon as media
- Used to remove free residual chlorine, color, odor, oil & organics
- Standard capacities: 0.6 to 17 m³/hr

Iron Removal Filters:

- Specially designed to remove iron from water
- IRF contains manganese dioxide layer, working as catalyst converting iron to ferric form, which can be easily precipitated and filtered out.
- Standard capacities: 0.6 to 22.50 m³/hr

Oxidation Chamber:

- Oxidation chamber contains manganese dioxide layer, working as catalyst converting iron to ferric form, which can be easily precipitated and filtered out at higher velocity.
- Standard capacities: 1.2 to 25 m³/hr.

MOC of specific series:

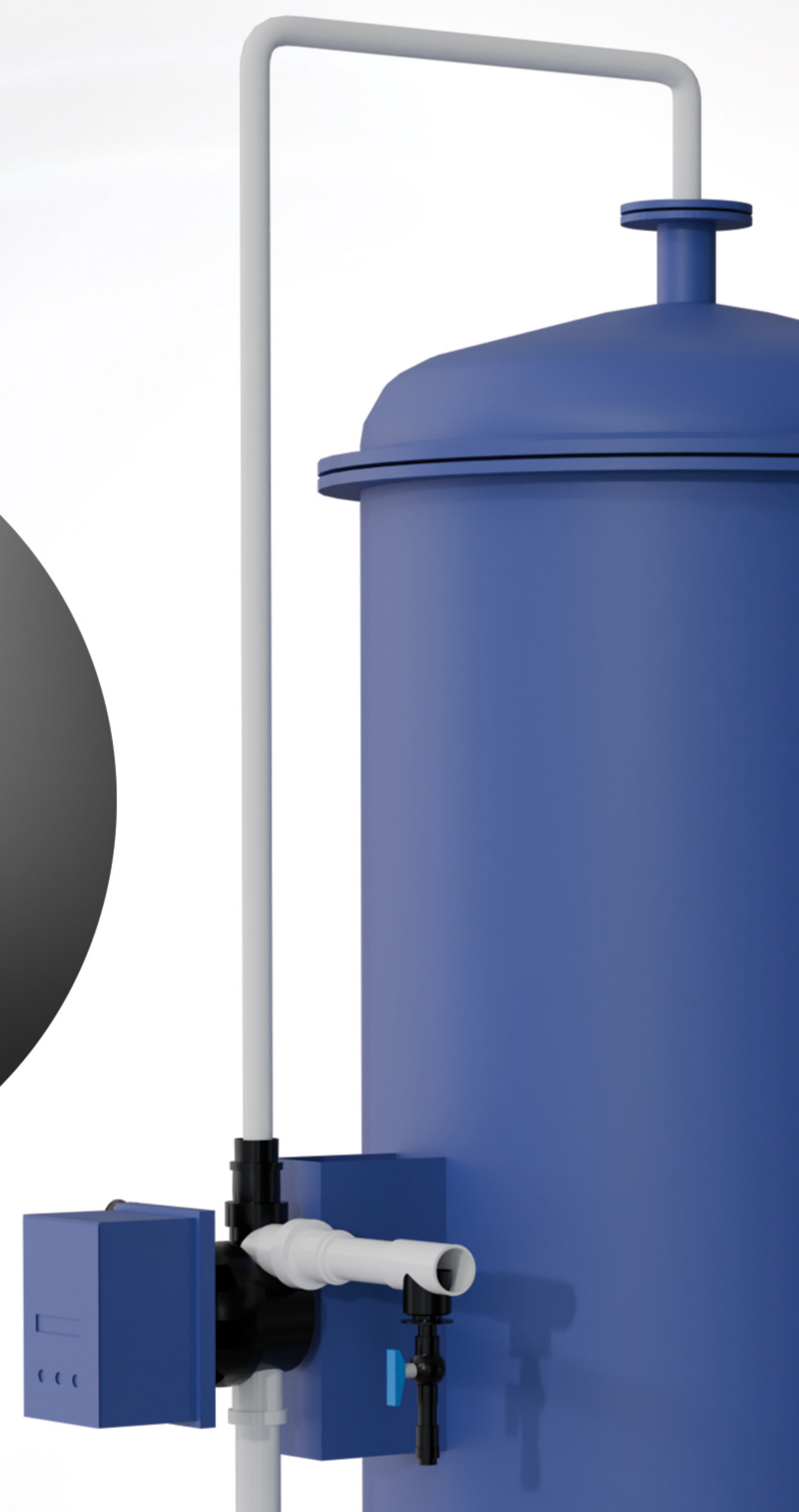
- AFXL: FRP
- AEZP: MS
- AEZPRL: MSRL

Target industries:

- Urban and Rural Areas
- Industries
- Railways and Airports
- Household
- Commercial Buildings
- Educational Institutes

Features:

- Ease of operation
- Timer based backwash/regeneration
- Automatic and efficient backwashing
- Reduced labor/operational cost
- Increased accuracy
- Elimination of errors
- Thermax branded components
- Integrated automation



Auto Softeners with Auto Multi-Port Valve

Softening is a widely used process for reducing hardness caused by cations such as calcium (Ca) and magnesium (Mg), which precipitate and scale at very low temperatures and pressures. It involves a reversible ion exchange process wherein specific ions are exchanged with sodium ions present in the resin group.

Unique Features:

- Available in FRP vessels up to 48" diameter
- Sleek design in MS with single-valve operation
- Rugged packed bed design in up-flow operation

MOC of specific series:

- AUS: FRP
- AEZP: MS
- AEZPRL: MSRL

Standard Capacities:

- 0.8 - 28 m³/hr

Target industries:

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Features:

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Conserving Resources,
Preserving the Future.



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Control



Boiler and
Heater



Build-Own
-Operate



Chemical



Cooling



Projects and
Energy
Solutions



Process
Heating



Renewable
Energy



Water and Waste
Solutions

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