Our Sand Media Filters are designed for the most challenging dirty water conditions with a high performance solutions for water filtration down to 20 microns. These durable carbon steel filters utilize a 24” vertical side shell depth for removal of organic and inorganic suspended solids for filtering large volumes of water with very little pressure drop and a long-term value. All of our industrial media filters utilize a simple backwash system for ease of operation and consistent water quality. The automatically controlled filter systems operate for extended periods of time prior to a short backwash cycle.

Applications
- Removal of organic and/or inorganic suspended solids down to 20 microns
- Storm water runoff, industrial process water, incoming plant water, waste water clean-up, industrial water for plant reuse
- Pre-filtration in applications such as granular activated carbon reverse osmosis, cartridge or bag filtration and deionized water
- 80 psi standard operating pressure
- Flow ranges from 10 gpm and up

Advantages
- State of the art fabrication provides added strength under pressure and long system life
- ASME code shaped head construction for durability and safety
- Stainless steel wedgewire under-drain
  - Ensures structural integrity in the harshest conditions
  - Hydraulically balanced to increase effectiveness of backwash while reducing flush frequency and waste water
- Standard carbon steel products 3/16” thick material
- Backwash automatically initiated by elapsed time pressure differential
- ETS easy-entry lid closure with weld tabs for operator safety
- 3M Scotchkote 134 fusion bonded epoxy coating on interior surfaces
Standard Product Includes:

- Completely assembled for easy installation
- Skid mounted tanks
- ETS easy-entry lid closure with side manway
- Valves
- Inlet/outlet and backwash manifolds
- Controller, solenoids, electrical wire, tubing
- Removable underdrain

Available Options:

- ASME code
- High pressure
- Solar package
- PLC Controller
- Custom filter station layout piping
- Air scour

### SPECIFICATIONS - INDUSTRIAL SAND MEDIA FILTERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Tanks in System</th>
<th>Standard Flow Range</th>
<th>Filtration Surface Area (total sq ft)</th>
<th>Backwash Flow Rate (per tank)</th>
<th>Media Requirements (cubic feet)</th>
<th>Maximum Pressure</th>
<th>Inlet/Outlet Pipe Size</th>
<th>Backwash Pipe Size</th>
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<tr>
<td>IL-4824-4A</td>
<td>4</td>
<td>504 115 756 172 50.40 189 43 28 84</td>
<td>80 psi 8&quot; 4&quot;</td>
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