

SAND-MEDIA FILTRATION

OVERVIEW:

- Available individually or as part of a total water treatment solution
- Full scope of materials of construction for any application - fiberglass, PVC, CPVC, lined carbon steel, and stainless steel
- Flexibility in controls: independent or part of a central control system
- Efficient component layout allows for ease of maintenance and calibration
- Customizable to customer special cations for valves, instruments and other mechanical components
- Optional complete validation package with IQ/OQ protocol execution
- Supported by our 24-hour customer service
- Backed by warranty

PRODUCT HIGHLIGHTS:

Standard Features

- Valve nest or multi-port valve configurations
- Reduced number of terminal point
- Reduces site piping costs and time
- Generous freeboard
- Reduces media loss during backwash
- Specialized distributor and under-drain design
- Ensures proper ow distribution
- No downstream resin trap or filter required
- Heat sanitizable: hot water or steam arrangements available
- Optional PLC based controls

Equipment Details

- Pneumatic panel houses all pneumatic components
- Premium valves and instruments
- Polypropylene or stainless steel air lines
- Stainless steel hardware

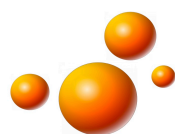
**SUSPENDED FINE SOLIDS
REMOVAL**



| MODEL | DIAMETER IN INCHES [MM] | FLOW RANGE IN GPM [LPM] |
|---------|----------------------------|----------------------------|
| SMF-012 | 12 [305] | 2-9 [8-34] |
| SMF-018 | 18 [457] | 4-21 [15-79] |
| SMF-024 | 24 [610] | 6-38 [23-144] |
| SMF-030 | 30 [762] | 10-59 [38-223] |
| SMF-036 | 36 [914] | 14-85 [53-322] |
| SMF-042 | 42 [1067] | 19-115 [72-435] |
| SMF-048 | 48 [1219] | 25-151 [95-572] |
| SMF-054 | 54 [1372] | 32-191 [121-723] |
| SMF-060 | 60 [1524] | 39-236 [148-893] |
| SMF-066 | 66 [1676] | 48-285 [182-1079] |
| SMF-072 | 72 [1829] | 57-339 [216-1283] |
| SMF-078 | 78 [1981] | 66-398 [250-1507] |
| SMF-084 | 84 [2134] | 77-462 [297-1749] |
| SMF-090 | 90 [2286] | 88-530 [333-2006] |
| SMF-096 | 96 [2438] | 101-603 [382-2283] |
| SMF-102 | 102 [2591] | 113-681 [428-2578] |
| SMF-108 | 108 [2743] | 127-763 [481-2888] |
| SMF-114 | 114 [2896] | 142-851 [538-3221] |
| SMF-120 | 120 [3048] | 157-942 [594-3566] |

Notes:

- Vessels up to 48" (1219 mm) in diameter are available in fiberglass.
- All vessels are available in carbon steel lined with Plasite 7159 and 316L stainless steel.
- Piping on fiberglass and carbon steel vessels is available in PVC, CPVC and 316L stainless steel.
- Piping on 316L stainless steel vessels is available in 316L stainless steel.



United International
HYDRO ENGINEERING TECHNOLOGIES