



Mini-Media™ Filters

Low Flow Automatic
Backwash System

Yardney Mini-Media filters

are designed as a sand media solution for lower flow applications. These rugged, simple filters are built with the same high performance, high efficiency standards as our other product lines. Constructed of high strength carbon steel, the Mini-Media is fusion epoxy lined on wetted surfaces. Underdrains are made of Type 304 stainless steel for extra long life.

Applications

- Removal of algae, slime or other organic contaminant as well as sand, rock, grit and other inorganic contaminants to protect drip and micro-irrigation systems from plugging with fine filtration removal down to 200 mesh or 75 micron
- 125 psi standard operating pressure
- Flow ranges from 15-45 gpm

Advantages

- Lower flow applications down to 15 gpm
- Standard operating pressure of 125 psi
- Yardney easy-entry lid closure
- Available in welded carbon steel
- Stainless steel wedgewire underdrain
 - Ensures structural integrity in the harshest conditions
 - Hydraulically balanced to increase effectiveness of backwash while reducing flush frequency and waste of water
 - High strength stainless steel wedgewire will withstand a collapse pressure in excess of 600 psi



- 3M Scotchkote® 134 fusion bonded epoxy lining on interior surfaces
- Exterior of housing is coated with UV stabilized polyester powder coat for longer product life and protection from the environment
- Made in USA

Mini-Media Filters

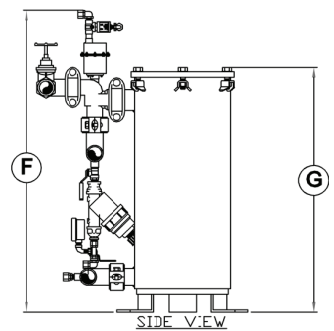
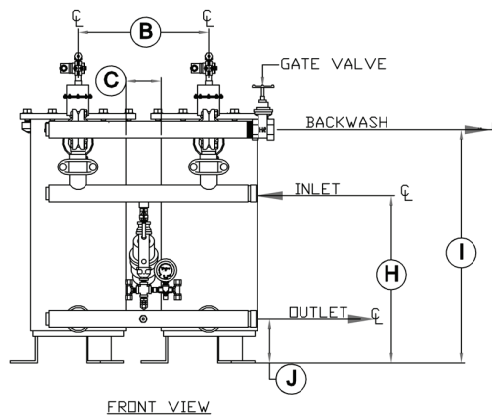
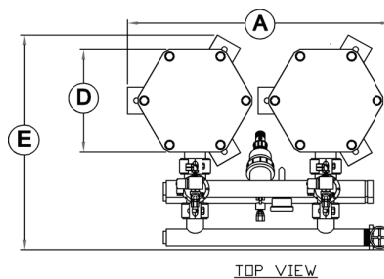
Specifications

SPECIFICATIONS MINI-MEDIA FILTERS													
Model	Number of Tanks	Standard Flow Ranges				Filtration Surface Area (total sq ft)	Backwash Flow Rate (per tank)		Media Requirements (cubic feet)		Maximum Pressure	Inlet/Outlet Pipe Size	Backwash Line Pipe Size
		Minimum Flow		Maximum Flow			gpm	m ³ /hr	Gravel 1/2-3/4"	Media			
		gpm	m ³ /hr	gpm	m ³ /hr								
SP 1016-2	2	15	3	30	7	1.1	8	2	1	2	125 psi	1 1/2"	1 1/2"
SP 1016-3	3	23	5	45	10	1.6	8	2	1	3	125 psi	1 1/2"	1 1/2"

DIMENSIONS										
Model	A	B	C	D	E	F	G	H	I	J
SP 1016-2	29 11/16"	14 3/4"	4"	11 1/2"	24 1/8"	34 7/8"	28 1/2"	18 13/16"	26 3/16"	4 15/16"
SP 1016-3	44 7/16"	14 3/4"	4"	11 1/2"	24 1/8"	34 7/8"	28 1/2"	18 13/16"	26 3/16"	4 15/16"

Standard product includes:

- Yardney easy-entry lid closure
- Inlet/outlet manifolds
- Grooved couplings to connect hardware
- Coated steel inlet and outlet manifold
- Steel backwash manifold
- Semi-automatic valves
- 1.5" brass gate valve



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