yardney
WATER FILTRATION SYSTEMS

Maxi-Clean™ Screen Filters

Manual Clean Screen Filters

Yardney Maxi-Clean Screen Filters are designed for high performance contamination removal in applications where durability and economy are essential. Constructed of heavy gauge carbon steel, Maxi-Clean filters are fusion epoxy lined with 3M Scotchkote® 134 for excellent protection from the environment and long product life. The Maxi-Clean screen filter is easy to operate and comes standard with grooved couplings, manifolds and all accessories for ease of installation.

Maxi-Clean Screen Filters feature a replaceable cartridge and screen mesh that ensures consistent and reliable filtration and allows for easy manual cleaning.

Applications

- Removal of sand, rock, grit and other inorganic contaminants to protect drip and micro-irrigation systems with fine filtration down to 200 mesh or 75 microns
- 100 psi standard operating pressure (high pressure systems available)
- Flow ranges from 110 gpm
- Can be used as a primary filter in specific applications
- Can be used as a secondary filter to a sand media filter, centrifugal separator or other primary filtration system

Advantages

- Heavy duty, durable and low-cost screen filter
- Rugged, field changeable, washable and replaceable polypropylene filter mesh sock available in 40, 80, 100, 150 and 200 mesh sizes
- Large screen area produces less than 2 psi pressure drop accompanied by long run times between cleanings
- Flush port provides for manual removal of heavy contaminants
- Yardney easy-entry lid closure
- Available in welded carbon steel
- 3M Scotchkote® 134 fusion bonded epoxy lining on interior surfaces
- Exterior of housing on carbon steel product is coated with UV stabilized polyester powder coat for longer product life and greater protection from the environment
- Made in USA

Industrial, Commercial & Municipal

Maxi-Clean Screen Filters

Specifications

Standard assembly includes:

- Carbon steel housing
- Yardney easy-entry lid closure
- 3M Scotchkote® 134 fusion bonded epoxy lining on interior surfaces of carbon steel
- Polyester powder coating on exterior surfaces
- Internal cartridge element with field replaceable filter mesh
- 3-way valve
- Pressure gauge
- Tubing with fittings
- Purge valve for manual flushing of filter
- Multiple housings include inlet and outlet manifolds and grooved couplings to connect all components

Available options:

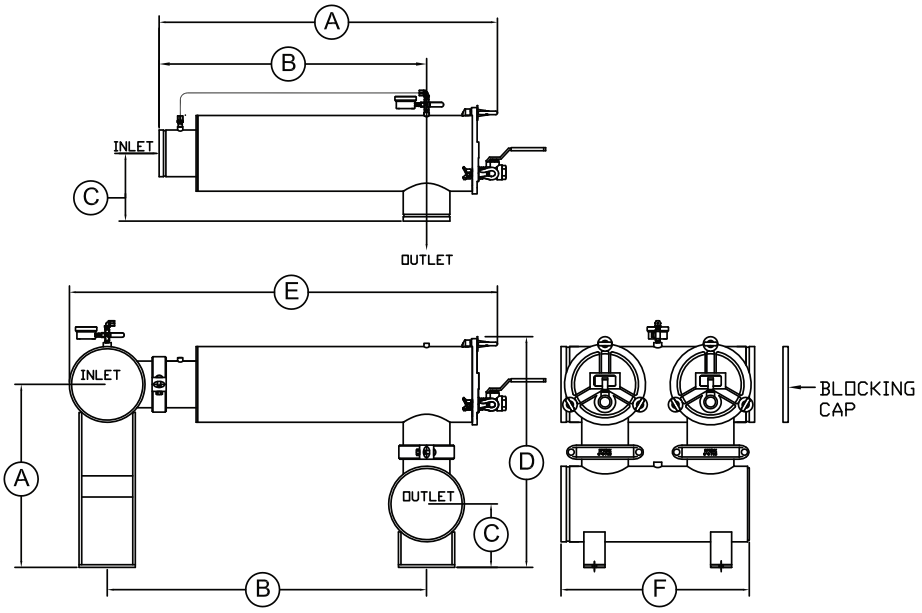
- ASME code
- High pressure
- Grooved or flanged mainline connections
- Available in purple for reclaim water applications

SPECIFICATIONS | MAXI-CLEAN | Single Housing									
90 Degree Model	Inline Model	Number of Housings	Maximum Flow		Filtration Surface Area (total sq ft)	Max. Pressure (PSI)	Max. Pressure (BAR)	Inlet/ Outlet	Flush Port
			gpm	m^3/hr					
MCS 2-1	IL-MCS 2-1	1	110	25	0.76	100 psi	6.9	2"	1"
MCS 3-1	IL-MCS 3-1	1	225	51	1.40	100 psi	6.9	3"	1"
MCS 4-1	IL-MCS 4-1	1	400	91	3.02	100 psi	6.9	4"	1 1/2"
MCS 6-1	IL-MCS 6-1	1	900	205	6.38	100 psi	6.9	6"	2"
MCS 8-1	IL-MCS 8-1	1	1250	284	9.25	100 psi	6.9	8"	2"
SPECIFICATIONS | MAXI-CLEAN | Multiple Housing									
MCS 6-2	IL-MCS 6-2	2	1800	409	12.76	100 psi	6.9	10"	2"
MCS 8-2	IL-MCS 8-2	2	2500	568	18.50	100 psi	6.9	12"	2"
MCS 6-3	IL-MCS 6-3	3	2700	614	19.14	100 psi	6.9	12"	2"
MCS 6-4	IL-MCS 6-4	4	3600	818	25.52	100 psi	6.9	12"	2"
MCS 6-5	IL-MCS 6-5	5	4500	1023	31.90	100 psi	6.9	14"	2"
MCS 6-6	IL-MCS 6-6	6	5400	1227	38.28	100 psi	6.9	16"	2"

DIMENSIONS* | Single Housing			
Model	A	B	C
MCS 2-1	16 3/8"	9 1/16"	6 9/16"
MCS 3-1	27"	18 5/8"	5 5/16"
MCS 4-1	31"	21 1/8"	6 5/16"
MCS 6-1	48 1/16"	38"	9 5/8"
MCS 8-1	64 9/16"	54 1/2"	10 5/8"

DIMENSIONS* | Multiple Housing						
Model	A	B	C	D	E	F
MCS 6-2	26"	45 3/8"	9"	32 3/4"	60 13/16"	27 1/8"
MCS 8-2	29 1/2"	62 7/8"	10 1/2"	36 1/4"	79 3/8"	28 1/4"
MCS 6-3	28"	46 3/8"	10"	34 3/4"	62 3/4"	41 3/4"
MCS 6-4	28"	46 3/8"	10"	34 3/4"	62 3/4"	56 3/4"
MCS 6-5	30 5/8"	47 3/8"	12"	37 3/8"	64"	71 3/4"
MCS 6-6	31 5/8"	48"	12"	38 3/8"	66"	86 3/4"

* Dimensions shown are the 90 Degree Model, the Inline Model will vary from what is shown.



Made in USA

Phone: 951.656.6716
Toll-Free: 800.854.4788
Fax: 951.656.3867
info@yardneyfilters.com

yardney WATER FILTRATION SYSTEMS

www.yardneyfilters.com