

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

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



Made in USA

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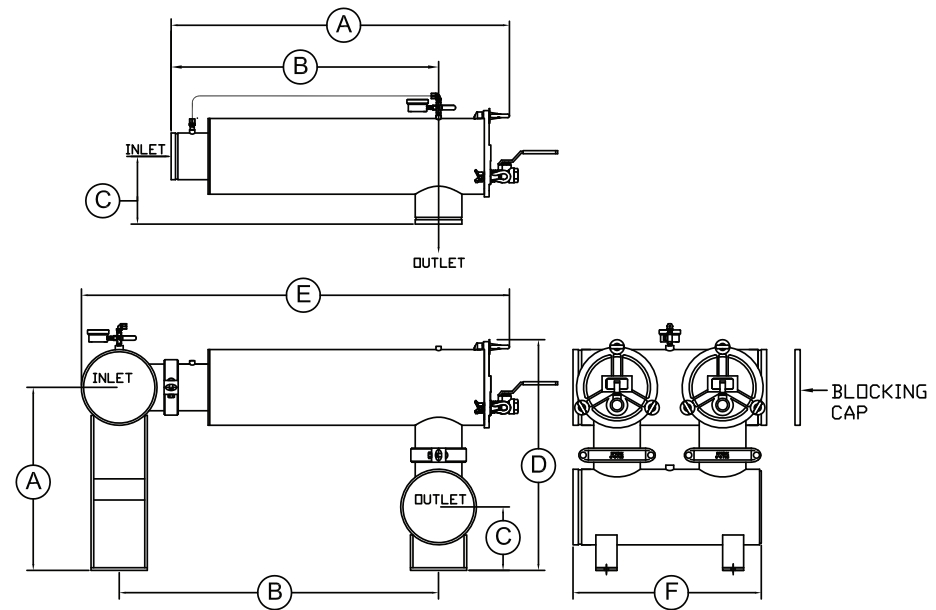
| SPECIFICATIONS MAXI-CLEAN Single Housing | | | | | | | | | |
|--|--------------|--------------------|--------------|--------------------|---------------------------------------|---------------------|---------------------|--------------|------------|
| 90 Degree Model | Inline Model | Number of Housings | 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.



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