

**Yardney Spin Flow screen filters** offer the benefits of a vortex action spin flow with the advantages of a woven mesh screen filter. Water enters the screen housing tangentially, vortexing the flow—a technique that separates heavy particulate away from the fine mesh cartridge. This method of separation simplifies and reduces cartridge cleaning. Heavy sediment is flushed from the filter through a conveniently located flush port, while the finer contaminant is trapped on the fine screen cartridge.

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Spin Flow Screen Filters feature a replaceable cartridge and screen mesh that ensures consistent and reliable filtration.



### 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
- 120 psi standard operating pressure (high pressure systems available)
- Flow ranges from 125 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 with the added benefit of an automatically controlled system

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### Advantages

- Rugged, field changeable, washable and replaceable polypropylene filter mesh sock available in 40, 80, 100, 150 and 200 mesh
- Yardney easy-entry lid closure
- Available in welded carbon steel
- 3M Scotchkote® 134 fusion bonded epoxy coating on interior surfaces
- Exterior of housing is coated with UV stabilized polyester powder coat for longer product life and protection from the environment
- Optional manual or automatic flush valves provide a quick and easy flush for intermittent cleaning between a full-cartridge clean event.
- Made in USA



**Spin Flow  
Screen Filters  
Specifications**

**Standard assembly includes:**

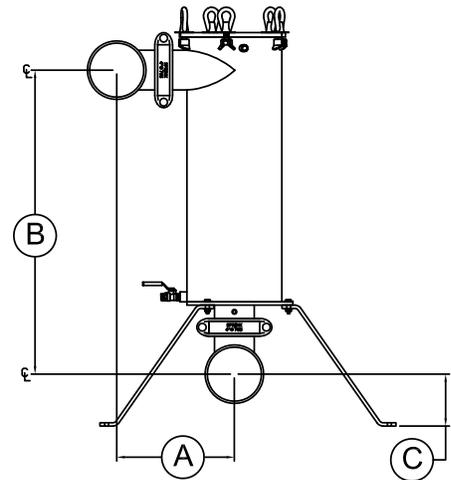
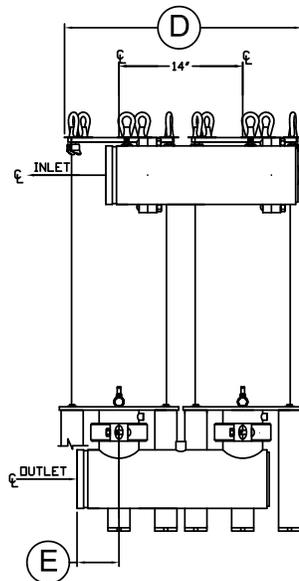
- Carbon steel housing
- Yardney easy-entry lid closure
- 3M Scotchkote® 134 fusion bonded epoxy coating on interior surfaces
- Polyester powder coating on exterior surfaces
- Internal cartridge element with field replaceable filter mesh
- 3-way valve
- Pressure gauge
- Tubing with fittings
- Purge valve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

**Available options:**

- ASME code
- High pressure
- Available in 304 or 316 stainless steel housing and interconnecting piping
- Manual or automatic flush

SPECIFICATIONS   SPIN FLOW							
Model	Number of Housings	Maximum Flow		Filtration Surface Area (total sq ft)	Maximum Pressure	Inlet/Outlet	Purge Port
		gpm	m <sup>3</sup> /hr				
SF 6	1	125	28	1.60	120 psi	2" Grooved	1/2"
SF 8	1	200	45	2.35	120 psi	3" Grooved	1/2"
SF 10	1	350	80	5.17	120 psi	4" Grooved	1/2"
SF 10-2	2	700	159	10.35	120 psi	6" Grooved	1/2"
SF 10-3	3	1050	239	15.52	120 psi	6" Grooved	1/2"

DIMENSIONS					
Model	A	B	C	D	E
SF 6	6"	17 9/16"	6 1/4"	9 7/16"	N/A
SF 8	7 3/8"	17 1/4"	9"	11 3/8"	N/A
SF 10	8"	29 1/8"	11 3/8"	12 7/8"	N/A
SF 10-2	13 5/16"	34 7/16"	5 7/8"	26 7/8"	4 3/4"
SF 10-3	14 5/16"	35 7/16"	4 7/8"	40 7/8"	4 3/4"



Made in USA

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