

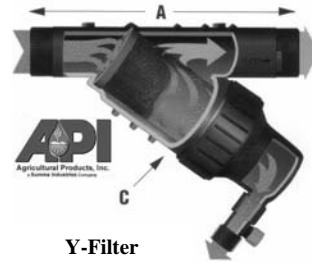
**Screen Filter:** Use for micro sprayers and drip when good quality water is available (no organics or fine particles). At least 150 mesh filtration is recommended for drip and micro.

**Disc Filter:** Use to filter low organic loads when no sand is present. At least 140 mesh filtration for drip and micro.

**Sand Separator:** Use to separate sand from well water or where there is an excessive amount of sand present. This is not a true filter! It only works at given flow ranges and not at start-up or shut down of system. Use in combination with some other type of filter.



Size	Max Flow	Mesh*	Pressure Rating
3/4" T	6gpm	150	-
3/4"Y w/vlv	9gpm	150	80 psi
1"Y w/vlv	18gpm	150	80 psi
1.5"Y w/vlv	55gpm	150	100 psi
2" T	90gpm	150	150 psi
2"Y w/vlv	110gpm	150	100 psi
*Other mesh sizes available (30, 50,100,200,ect...)			



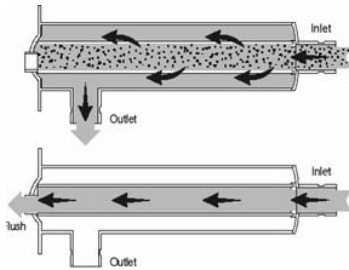
Y-Filter

**API's Spin Clean® Filters**  
Spin Clean® filters force water through a directional nozzle plate onto the inside of the stainless steel screen. This spinning action rotates debris down the screen wall to the large debris holding basin. Debris is flushed out via a ball valve. Spinning action keeps more of the area clean, minimizing pressure losses caused by excessive build-up. For optimum self-cleaning action, Spin Clean filters should be operated at a flow rate that will create a 5 to 8 psi pressure drop across the filter.

**API's T-Filters**  
T-filters are used in systems with a clean water source. 150 mesh is recommended for drip and micro irrigation. Bottom outlet for quick flushing on the 2".



Valves & Castings, Inc.



**SPS & SYS Series Screen Filters**  
Excellent filtration of inorganic contaminants found in irrigation water. Available screens from 40 - 200 mesh. Inlet and outlet ports are grooved to hook to standard grooved couplers. 304 stainless steel construction.

Filter	Flow	Size
SPS 6-1	100	2"
SPS 6-2	200	3"
SPS 6-3	300	4"
SPS 8-4	400	4"
SPS 10-8	800	6"
SPS 10-16	1600	8"



Filter	Flow	Size
SYS 6-1	100	2"
SYS 6-2	200	3"
SYS 6-3	300	4"
SYS 10-8	800	6"

**SSC Gravity Screen Filters**  
Designed for use on gravity flow water systems and can be used as either a pre-filter or the primary filter to remove large volumes of debris without wasting valuable backwash water. It is effective in low volume irrigation applications.



Savings of up to 90% of Backwash water



**Autoflush Turboclean filters**  
The autoflush Turboclean filters are supplied with a flushing valve that opens automatically by means of an electric timer. The electronic timer allows determination of the flushing duration and the flushing intervals. For filters with more than one flushing valve and for multi-units, Amiad offers modular timers which can be used for two or more filters operated in sequence.



**"Brushaway" Filters**  
Quick cleaning manual filters. Regular brush-cleaning by turn-of-a-handle, requires minimal system shut-down or touching the inner parts.



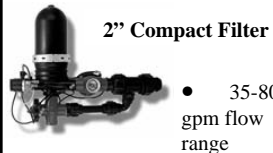
**Turboclean Filter**  
Allows for cleaning of screen with no internal moving parts. Cleaning is done by manual or automatic opening of a valve for a few seconds. Hydrodynamic design allows high velocity with minimum head loss.

Size	Turbo	Super	Super Turbo
1.5"	45gpm	60gpm	60gpm
2"	80gpm	110gpm	110gpm
3"	180gpm	220gpm	220gpm



**Disc Filters**  
Great for areas with clean water source or light organic loads. Available in 40, 80, 120, 140, & 200 mesh.

1.5" Super	50gpm
2" Super	120gpm
3" Twin	175gpm
3" Angle	220gpm
4" V	350gpm



- 2" Compact Filter
- 35-80 gpm flow range
- Automatic self-cleaning filter
- Disc Kleen filter technology
- Reliable backflush valves with built-in backflush controller
- Compact unit ready for hookup
- For areas without electricity



**Disc Kleen Batteries Automatic**

- Fully assembled
- Max working pressure 140psi
- Min backwash pressure 45psi
- Standard 24VAC, other voltages available
- Flows from 50-320 gpm



**Galaxy Multi-Spine**

- Fully assembled
- Low maintenance
- Max working pressure 140 psi
- Min backwash pressure 45 psi
- Standard 24VAC, other voltages available
- Flows from 600-2700 gpm



Size	Flow
2"	48-75gpm
3"	80-140gpm
4"	230-360gpm
6"	430-700gpm