

TRITON SAND FILTER

Clean water is a critical part of trickle irrigation. When using pond or stream water, removal of algae, silt, sand and bulky organic material from irrigation water is essential to the success of a drip irrigation system.

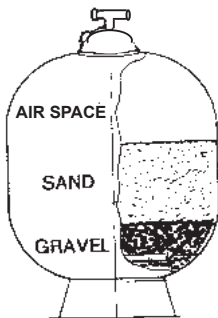
These economy sand filters will do the job! Built of a one piece fiberglass tank. Improper choice of media size and shape can result in poor filtration quality. Periodic back flushing of filters is necessary to remove accumulated contaminants from media bed.

Operational Data for Single Filter

Model	GPM	Sand	Gravel	Filter Area	Air Space	Diameter
TR 40	38	125 lb.	50 lb.	1.92 Sq. Ft.	8¼"	19"
TR 60	63	275 lb.	50 lb.	3.14 Sq. Ft.	10½"	24"
TR 100C	98	450 lb.	150 lb.	4.91 Sq. Ft.	11¼"	30"
TR 140C	141	650 lb.	275 lb.	7.06 Sq. Ft.	13½"	36"

Sand Filter Prices

Model/ Part #	Filter Price Each	Manual Flush Manifold	Complete Price 2 Filters & Manual Flush Manifold	Size	Unit GPM Max	Max Tank PSI
TR 40	\$ 385.00	\$ 205.00	TR40M.....\$ 950.00	2"	70	50
TR 60	\$ 543.00	\$ 205.00	TR60M.....\$ 1,265.00	2"	100	50
AC60	\$ 635.00	\$ 205.00	AC60M.....\$ 1,455.00	2"	120	75
TR 100C	\$ 775.00	\$ 260.00	TR100CM.....\$ 1,785.00	3"	140	50
AC100	\$ 890.00	\$ 260.00	AC100M.....\$ 2,015.00	3"	150	75
TR 140C	\$1,140.00	\$ 260.00	TR140CM.....\$ 2,510.00	3"	230	50
#MAN3-3.....3" Triple Unit Manual Flush Manifold \$ 365.00						



Two TR60 filters with manifold

Filter Sand & Gravel

Filter Sand50 lb.Part # 6123\$6.50

Filter Gravel50 lb.Part # 6124\$7.00

16 crushed Silica equivalent to 130-180 Mesh

Single Filter Backwash Valve

BW-200

2".....\$ 143.00



Plumbing Kit

Complete plumbing kit to use with single filter backwash valve.

2" ... #BW-200KIT ... \$29.50



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Filter Union

271096

\$ 37.00



3-Way Valve

263028

\$ 33.25



AUTO FLUSH SCREEN & DISK FILTERS

*Armas Filters have a Discharge Sustaining Valve for Enhanced Backwashing
 *Hydro-Cyclone Filters may be needed for pre-filtration on poor water quality

*3" is NPT; 4"-8" are Victaulic
 *Replaces bulky Sand Filters
 *Needs 14 PSI to backflush
 *Max 120 PSI
 *Also Available in 110 Volt AC



HE Filter



VE Filter

*2" & 3" are NPT; 4"-8" are Flanged
 *Mounting Frame Included
 *Needs 35 PSI to backflush
 *Max 116 PSI
 *Recommended for well water or clean sandy water

*Disk Filters recommended for most surface water

Auto Disk Filter

PART #	SIZE	MAX GPM	PRICE
ADF-32-DC	3"	220	\$ 1,740.00
ADF-43-DC	4"	330	\$ 2,220.00
ADF-44-DC	4"	440	\$ 2,700.00
ADF-65-DC	6"	550	\$ 3,520.00
ADF-66-DC	6"	660	\$ 3,940.00
ADF-87-DC	8"	770	\$ 4,900.00
ADF-88-DC	8"	880	\$ 5,380.00

Auto Screen Filter

PART #	SIZE	MAX GPM	PRICE
VE-020	2"	110	\$ 1,385.00
VE-030	3"	220	\$ 1,520.00
VE-040	4"	308	\$ 1,725.00
HE-040	4"	440	\$ 2,720.00
HE-060	6"	704	\$ 3,270.00
HE-080	8"	880	\$ 3,620.00

Auto Screen Filter



Made in USA

PART #	SIZE	MAX GPM	PRICE
ORG015	1 1/2"	65	\$ 1,730.00
ORG020	2"	110	\$ 1,795.00
ORG030	3"	175	\$ 2,370.00
ORG040	4"	350	\$ 2,880.00
ORG060	6"	660	\$ 4,680.00
ORG080	8"	1,320	\$ 5,450.00

*Works on semi-clean surface water
 *Replaces bulky Sand Filters
 *Uses very little water on back flush
 *Controller powered by 'D' Batteries
 *Available in 110 Volt AC
 *Needs 35 PSI to backflush
 *Max 150 PSI



STAINLESS STEEL SAND MEDIA FILTERS

A unique Flow-Balanced under drain is the key to Flow-Guard's impressive backwash efficiency. The Flow-Balanced under drain has multiple ports evenly distributed beneath the media bed. The corresponding flow "zones" provide a uniform lift of the entire sand bed during backwash, as well as uniform collection during filtration. Uniform lift creates a rapid liquidation of the sand bed, enabling shorter backwash cycles, less backwash disposal, and energy cost savings.

Flow-Balance & Underdrain Efficiency

Quality stainless steel tank and manifold Made in the USA



Model	Size	Max PSI	Gpm	Gravel	Sand	Semi*	Auto*
215	2"	100	20-60	80 LB	300 LB	\$ 3,985.00	\$ 4,875.00
218	3"	100	30-90	160	400	\$ 4,175.00	\$ 5,100.00
224	3"	100	50-160	240	800	\$ 4,450.00	\$ 5,350.00
230	4"	100	80-240	320	1000	\$ 5,175.00	\$ 5,995.00
236	4"	100	120-350	480	1600	\$ 5,450.00	\$ 6,250.00
248	6"	80	225-625	1120	2600	\$ 6,400.00	\$ 7,300.00

NOTE: Auto filters, specify 12V DC or 110V AC *For set of two filters

STAINLESS STEEL SCREEN FILTERS



The Flow-Guard stainless steel screen filter offers an inexpensive alternative for trickle filtration requirements. However, as with any pressure screen type filter, its use is limited to water contaminants of the inorganic type. In addition, some silt conditions may result in unsatisfactory operation. Under these conditions we recommend using Sand-Media filters.



SPS 8

		MAX GPM	
SPS6-2	3"	175	\$ 953.00
SPS6-3	4"	300	\$ 1,035.00
SPS8-4	4"	400	\$ 1,490.00
SPS10-8	6"	800	\$ 1,895.00

Victaulic clamps on page 22