

Media Filtration

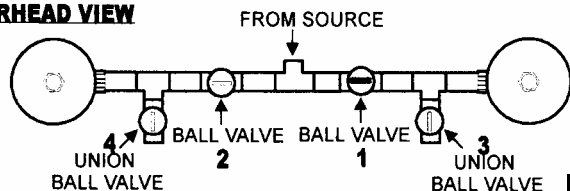
Fail-Safe type of filtration and easy to maintain. Use when source is an open body of water and (or) organics are present. Large surface area prolongs backwash cycles. Need at least two filter tanks to backwash with clean water. Can be used on well water or where excess amounts of sand are produced. Backwash the filters every 3-6 hours of operation (time interval) to prevent channeling of the media, or when there is a drop in the discharge pressure (pressure differential).

* We carry filters from Ag Products, Amiad, Everlift, Fresno, Lakos, Netafim, Waterman, Yardney, and others.

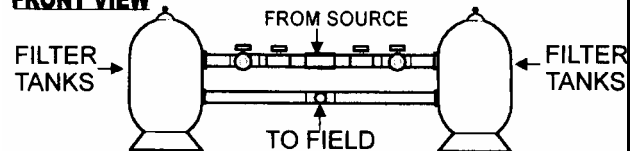
Media Material	Filtration (mesh)
#20 crushed silica	190-250 (recommended)
#16 crushed silica	130-180
#12 crushed silica	90-30

TWO TANK FILTER SET-UP

OVERHEAD VIEW



FRONT VIEW



FILTER OPERATION				
VALVE	#1	#2	#3	#4
FILTER	O	O	C	C
FLUSH #1	C	O	O	C
FLUSH #2	O	C	C	O



TRITON TANKS

- Max operating pressure is 50psi (*75psi TR100)
- Economical option compared to other media filter systems
- Can add tanks to increase flow capacities
- Auto or manual operation options

2 Tank Systems	
Model	Flow
TR240	80 GPM
TR260	120 GPM
TR2100*	200 GPM
TR2140	280 GPM

Single Tanks			
Model	Flow	Max psi	Media
TR-40	38 GPM	50	200lbs
TR-60	63 GPM	50	350lbs
TR-100	98 GPM	75	600lbs
TR-140	141 GPM	50	925lbs

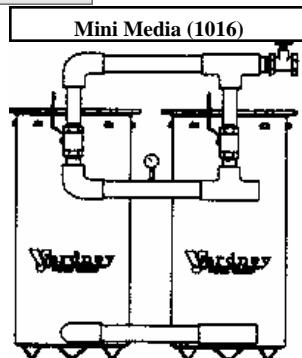
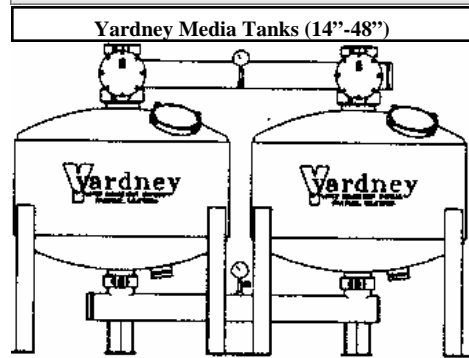
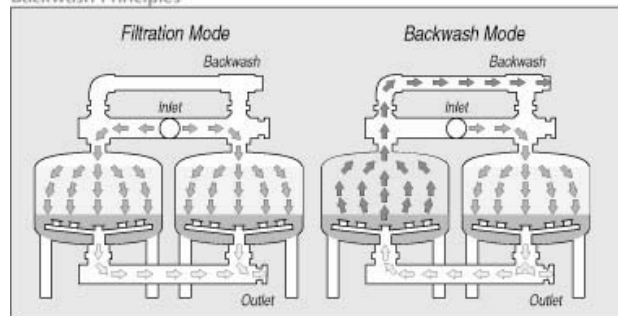
FLOW-GUARD

FRESNO Valves & Castings, Inc. Filtration Products



Fresno S.S. MEDIA TANKS							
Model	GPM	Manual	Automatic	Manifold In/Out	Sand 100lb bags	Gravel 80lb bags	Backwash Minimum
224	110-160	✓	✓	3"	8	3	47 gpm
236	240-350	✓	✓	4"	16	6	110 gpm
336	420-525	✓	✓	6"	24	9	110 gpm
248	425-625	✓	✓	6"	26	14	200 gpm
348	640-940	✓	✓	6"	39	21	200 gpm
448	850-1250	✓	✓	8"	52	28	200 gpm

Backwash Principles



Yardney Carbon Steel Media Filters					
Model	In/Out Size	Flow Rate	Max PSI	Semi Auto	Auto
1016-2	1"	15/30	125	✓	✓
1016-3	1"	23/45	125	✓	✓
1416-2	1.5"	37-55	150	✓	✓
1816-2	2"	60-88	150	✓	✓
1816-3	3"	90-132	150	✓	✓
2416-2	3"	107-158	150	✓	✓
2416-3	3"	160-237	150	✓	✓
3016-2	4"	170-250	125	✓	✓
3616-2	4"	238-350	105	✓	✓
3616-3	6"	357-525	105	✓	✓
4816-2	6"	425-625	80	✓	✓
4816-3	6"	638-938	80	✓	✓
4816-4	8"	850-1250	80	✓	✓
4816-5	10"	1063-1563	80	✓	✓