

APPLICATIONS

- Primary filter for water from open reservoirs and recycled water
- Filtration of water contaminated with algae and other organic materials

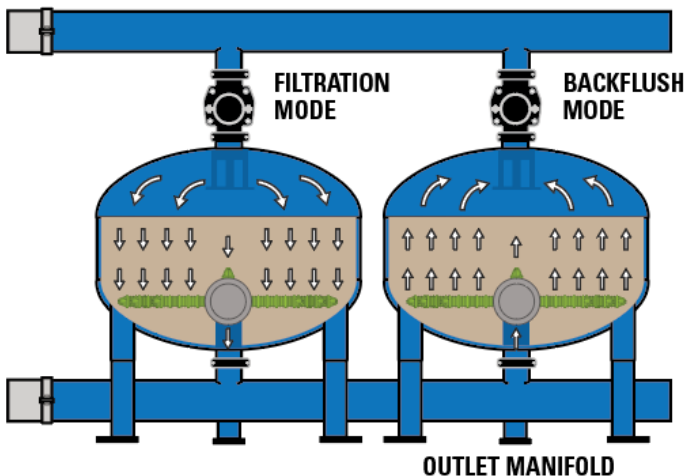
FEATURES

- Single chamber filter allows for efficient filtration and backflush uniformity.
- Large top and side access ports makes loading media and conducting maintenance easier.
- Two layer coating (phenolic and epoxy) for industry leading high corrosion and UV protection - for both the tanks and the manifolds.
- Injection molded PVC underdrain system with mushrooms and slots provides cleaning across the entire sand media bed.
- Modular manifolds for simple and flexible assembly and expansion.
- Wide range of tank diameters and configurations to address all application needs.
- Maximum protection and reliability in harsh conditions.

SPECIFICATIONS

- Flow Range: 175 to 330 GPM
- Maximum Operating Pressure: 115 psi
- Minimum Backflush Pressure Required: 29 psi downstream of filter during backflush
- Backflushing Flow Rate: 125 to 290 GPM
- Access Port on Tank Dome and Sides Secured with Bolts: 8" for 30" Tank; 10" for 36" and 48" Tanks
- Media Depth: 16"

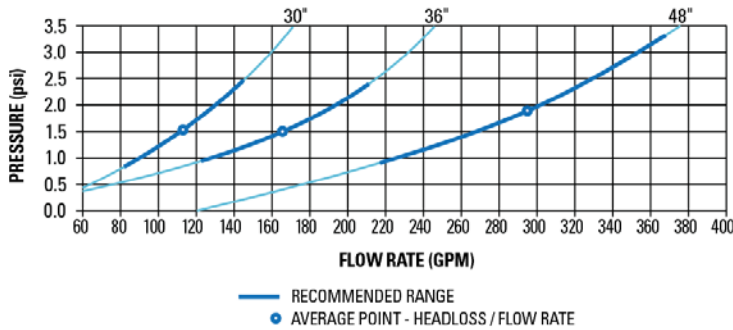
TANK SIZE	FILTRATION AREA	MEDIA REQUIRED	TANK WEIGHT	MAX FLOW (GPM)
30"	4.84 sq. ft.	595 lbs	265 lbs	140
36"	7.00 sq. ft.	772 lbs	342 lbs	210
48"	12.16 sq. ft.	1488 lbs	518 lbs	375



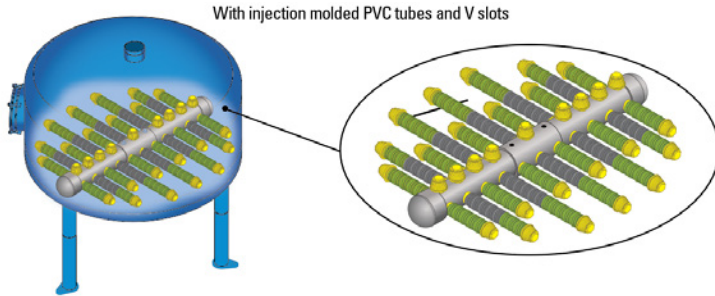
Continued



HEADLOSS (FLOW VS. PRESSURE)

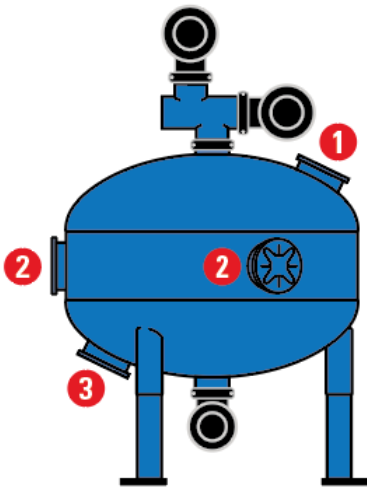


UNDERDRAIN SYSTEM

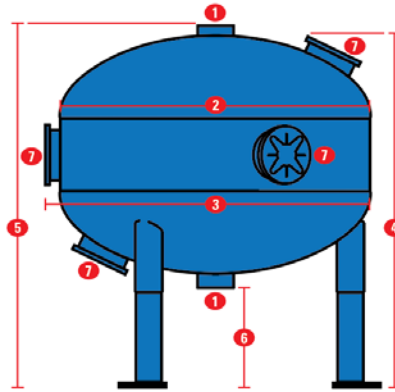


TANK PORTS

- 1 Filling port
- 2 Side service port
- 3 Bottom service port



DIMENSIONS



KEY	DESCRIPTION	30" TANK	36" TANK	48" TANK
1	INLET PORT	3"	3"	4"
2	TANK DIAMETER	30"	36"	48"
3	TANK LENGTH	32.8"	41.7"	50.3"
4	OVERALL TANK HEIGHT	55"	55.7"	54.8"
5	TANK HEIGHT TO INLET PORT	54"	54"	54"
6	TANK HEIGHT TO OUTLET PORT	16"	16"	16"
7	ACCESS PORTS DIAMETER	8"	10"	10"

ORDERING INFORMATION

MODEL NUMBER	# FILTERS/SIZE	CONFIGURATION
2SMFSBS3002AAC	2 - 30"	STRAIGHT
2SMFSBS3602AAC	2 - 36"	STRAIGHT
2SMFSBS4802AAC	2 - 48"	STRAIGHT
2SMFSBS3003AAC	3 - 30"	STRAIGHT
2SMFSBS3603AAC	3 - 36"	STRAIGHT
2SMFSBS4803AAC	3 - 48"	STRAIGHT
2SMFSBS3004AAC	4 - 30"	STRAIGHT
2SMFSBS3604AAC	4 - 36"	STRAIGHT
2SMFSBS4804AAC	4 - 48"	STRAIGHT
2SMFSBT4804AAC	4 - 48"	TEE
2SMFSBS4805AAC	5 - 48"	STRAIGHT
2SMFSBT4805AAC	5 - 48"	TEE
2SMFSBT4806AAC	6 - 48"	TEE
2SMFSBH4806AAC	6 - 48"	H
2SMFSBT4807AAC	7 - 48"	TEE
2SMFSBH4807AAC	7 - 48"	H
2SMFSBT4808AAC	8 - 48"	TEE
2SMFSBH4808AAC	8 - 48"	H
2SMFSBT4810AAC	10 - 48"	TEE
2SMFSBH4810AAC	10 - 48"	H

TANK ONLY	
SIZE	MODEL NUMBER
30"	2SMFSB30
36"	2SMFBS36
48"	2SMFBS48