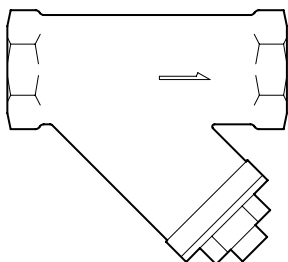


Model S
Cast Bronze "Y" Type Strainer



FEATURES

Sizes: ☐ 1/2" ☐ 3/4" ☐ 1" ☐ 1 1/4"
☐ 1 1/2" ☐ 2" ☐ 2 1/2" ☐ 3"

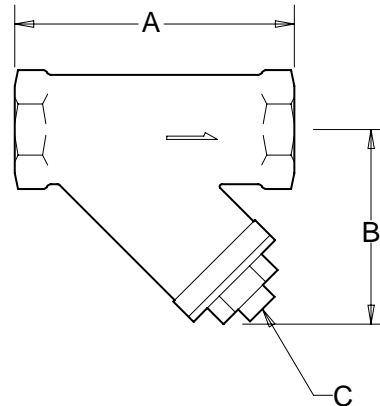
Temperature/pressure rating 150 psi steam
300 psi WOG
Threaded connections (FNPT) ANSI B1.20.1

APPLICATION

Recommended for a variety of water service lines including residential and commercial irrigation, swimming pools and cooling tower water. They are also designed to protect delicate equipment such as regulators and backflow preventers by filtering sediment which could cause premature failure. For steam service, Model S Strainers protect control valves, traps, sterilizers and other process equipment.

MATERIALS

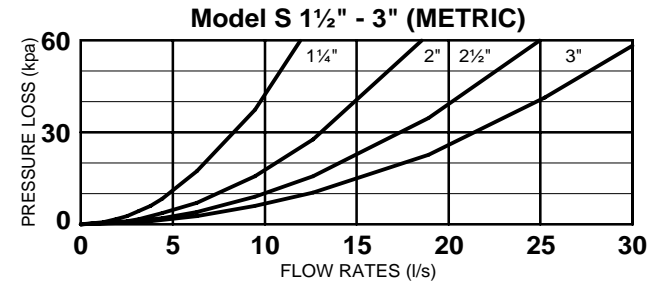
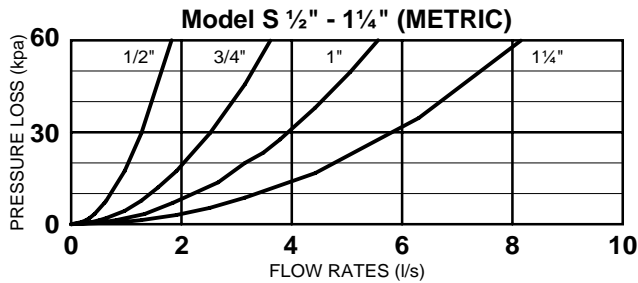
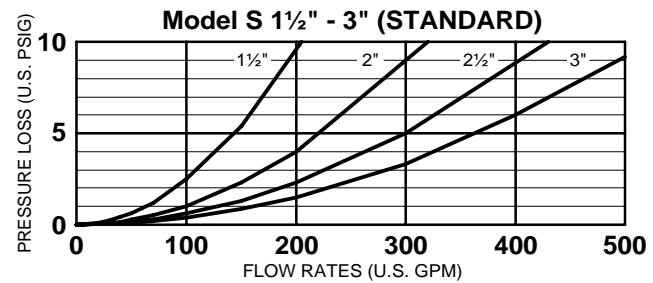
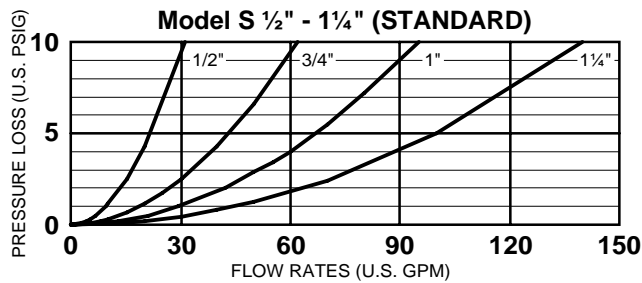
Main valve body Cast Bronze ASTM B 584
Access covers Bronze ASTM B 584
Screens 20 Mesh Stainless Steel, 300 Series



DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE		DIMENSIONS (approximate)					WEIGHT	
		A		B		C		
in.	mm	in.	mm	in.	mm	in.	lbs.	kg.
1/2	15	3 3/16	81	2 1/4	57	3/8 NPT	1	0.5
3/4	20	4	102	3	76	3/8 NPT	2	1.0
1	25	4 1/2	114	3 3/8	86	1/2 NPT	2	1.0
1 1/4	32	5 1/3	135	4	102	1/2 NPT	3	1.5
1 1/2	40	6 1/3	160	4 1/4	108	1/2 NPT	4	2.0
2	50	7 1/2	191	4 1/4	108	1/2 NPT	8	3.5
2 1/2	65	9	229	5 3/4	146	1/2 NPT	10	4.5
3	80	12	305	7 3/4	197	1/2 NPT	24	11.0

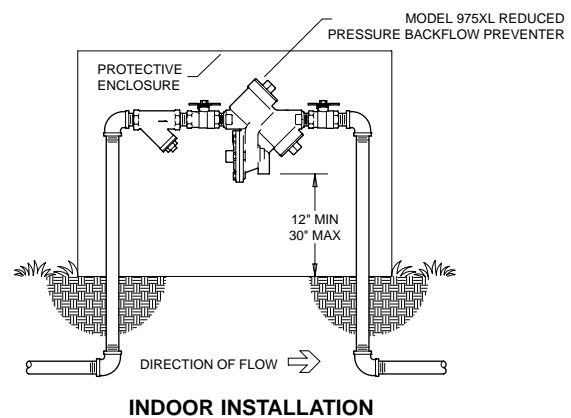
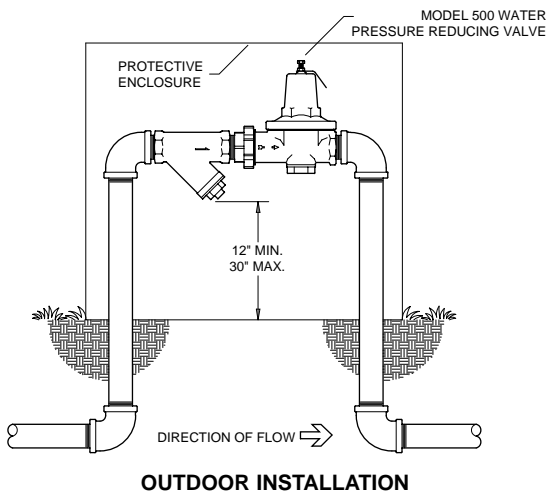
FLOW CHARACTERISTICS



TYPICAL INSTALLATION

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted with sufficient clearance for maintenance in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. The installation shall be made so that no part of the unit can be submerged.

Capacity thru Schedule 40 Pipe (GPM)				
Pipe size	5 ft/sec	7.5 ft/sec	10 ft/sec	15 ft/sec
2 1/2"	75	112	149	224
3"	115	173	230	346
4"	198	298	397	595
6"	450	675	900	1351
8"	780	1169	1559	2339
10"	1229	1843	2458	3687



SPECIFICATIONS

The "Y" type strainer shall be a manufactured import. The main body and cover shall be cast bronze (ASTM B 584), the strainer screen shall be 20 mesh 300 series stainless steel and accessible for maintenance without removing the device from the line. The "Y" type strainer shall be a WILKINS Model S.