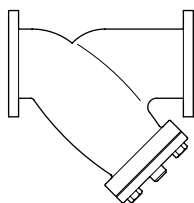


Model FS

Cast Iron "Y" Type Strainer



FEATURES

Sizes: ☐ 2½" ☐ 3" ☐ 4" ☐ 6" ☐ 8" ☐ 10"

Pressure/temperature: 200 psi @ 150°F WOG
125 psi @ 450°F Steam

End connections: Flanged Class 125 lb

APPLICATION

Designed for installation on potable water lines to protect downstream equipment from malfunction or premature failure due to build-up of sediment or debris.

STANDARDS COMPLIANCE

☐ MIL-S 16293F Type 2

OPTIONS

(Suffixes can be combined)

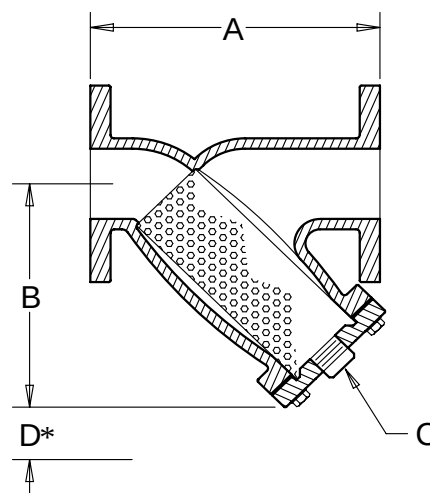
- ☐ - with epoxy paint (standard)
- ☐ C - with FDA epoxy coating inside and out
- ☐

MATERIALS

Main valve body	Cast Iron ASTM A 126 Class B
Access cover	Cast Iron ASTM A 126 Class B
Coatings	FDA Approved Epoxy Finish (FSC)
Screens	Perforated Stainless Steel, 300 Series

SCREEN

SIZE inch	OPENINGS (dia.)	MATERIAL THICKNESS	HOLES PER sq/in.
2 1/2	0.045	0.020	225
3	0.045	0.020	225
4	0.062	0.020	98
6	0.062	0.020	98
8	0.125	0.020	29
10	0.125	0.032	29

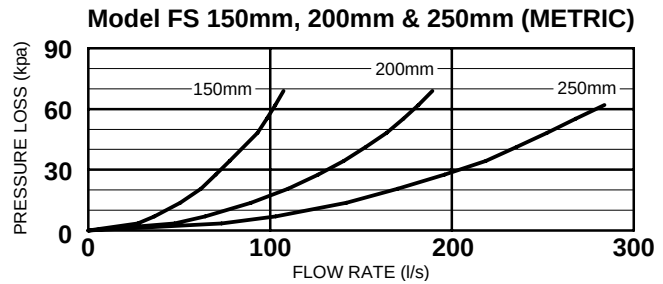
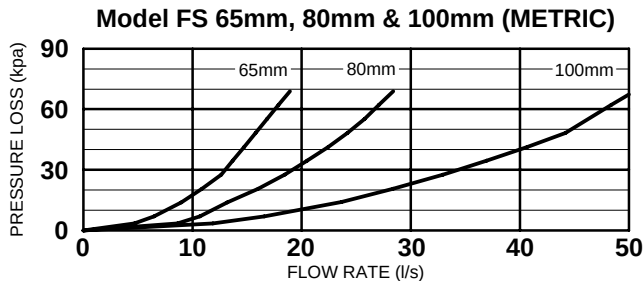
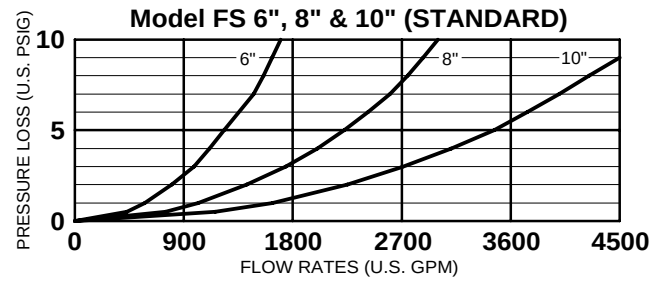
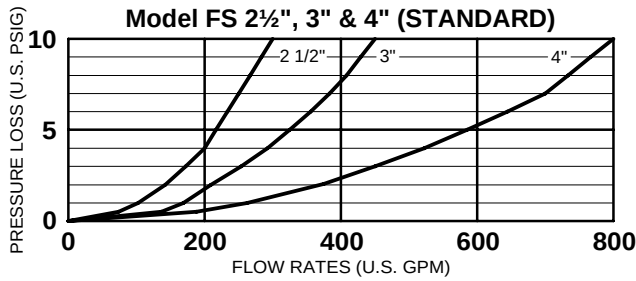


DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE		DIMENSIONS (approximate)							WEIGHT	
		A		B		C	D*			
in.	mm	in.	mm	in.	mm		in.	mm	lbs.	kg.
2 1/2	65	9 3/4	248	8 1/4	210	1 1/4 NPT	6	152	35	16
3	80	10 1/2	267	9 1/4	235	1 1/4 NPT	6	152	45	20.5
4	100	15	381	12 1/2	318	2 NPT	9	229	61	27.5
6	150	17 3/4	451	14	356	2 NPT	10	254	165	75
8	200	24 1/4	616	17 3/4	451	2 NPT	11	279	239	108.5
10	250	29 1/2	749	21 1/4	540	2 NPT	14	356	394	178.5

* vertical clearance for screen removal

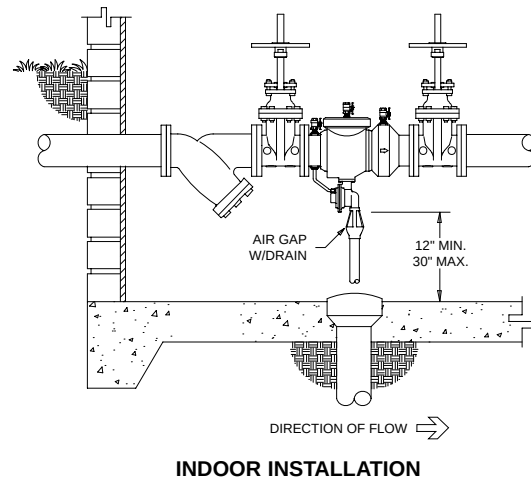
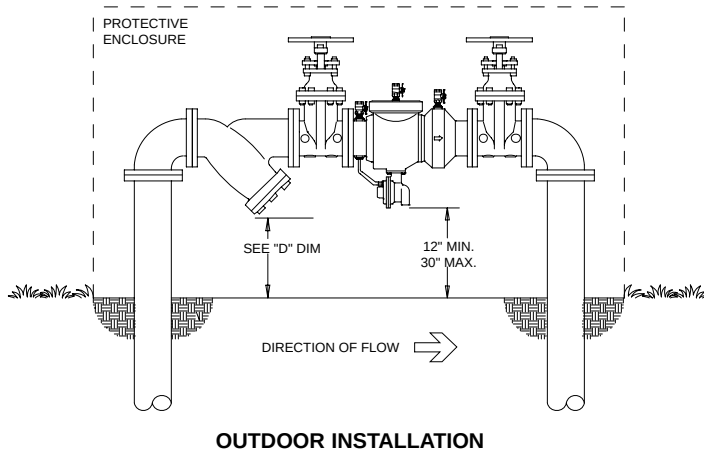
FLOW CHARACTERISTICS



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 cast iron "Y" type strainer shall be in compliance with MIL-S-16293F Type 2. The main body and access cover shall be cast iron (ASTM A 126 Class B) and available with or without an FDA approved epoxy coating inside and out. The integral stainer screen shall be accessible for cleaning without removing the device from the line. The cast iron "Y" type strainer shall be a WILKINS Model FS or Model FSC.