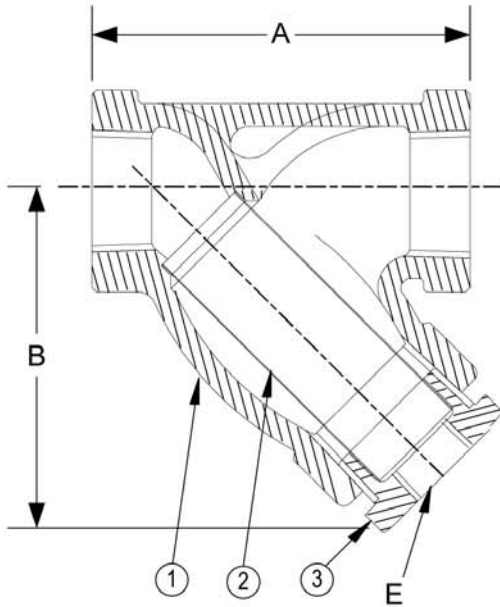


STAYFLOW STRAINERS DATA SHEET

YIFD

Y-Strainer, 300 lb. Threaded
Ductile Iron (ASTM A 536, Grade 65-14-12)



PARTS LIST

ITEM	DESCRIPTION	MATERIAL
1	BODY	DUCTILE IRON* (ASTM A 536, GRADE 65-14-12)
2	SCREEN	STAINLESS STEEL (304)
3	BUSHING	DUCTILE IRON

Optional: Blow-off Plug, Malleable Iron

STANDARD SCREENS SUPPLIED

SIZE		SCREEN GAGE	SCREEN PERFORATION				OPEN AREA
in	mm		FOR STEAM		FOR LIQUID	OPEN AREA	
			in	mm	in	mm	
1/2 to 2	15 to 50		20 MESH STAINLESS STEEL				49%

Options: other meshes, perforations and screen materials are available.

SIZE		DIMENSIONS						WEIGHTS	
		A		B		E			
in	mm	in	mm	in	mm	in	mm	lbs	Kgs
1/2	15	3	76	2-5/8	67	3/8	10	2	0.9
3/4	20	4	102	3-5/8	92	1/2	15	3	1.4
1	25	4-7/8	124	4-1/2	114	3/4	20	4.5	2.0
1-1/4	32	5-1/8	130	4-3/4	121	3/4	20	5	2.3
1-1/2	40	5-3/4	146	4-7/8	124	1	25	8	3.6
2	50	7-1/4	184	5-3/4	146	1-1/4	32	15	6.8

†This table reflects only the nearest metric equivalents.

FLOW COEFFICIENTS

Size	C _v	Size	C _v	Size	C _v
1/2"	9.5	1"	30	1-1/2"	61
3/4"	18.7	1-1/4"	44.9	2"	98

TOTAL SCREEN AREA

Size	(in ²)	Size	(in ²)	Size	(in ²)
1/2"	5.50	1"	15.22	1-1/2"	23.37
3/4"	8.59	1-1/4"	18.69	2"	36.23

*See DETERMINING RATIOS on page S5 of the Strainer Information Section for calculating NET FREE AREA of the screen to inside pipe area.

* Tensile Strength: 60/80,000 PSI
Yield Strength: 45/60,000 PSI
Elongation: 10/30%

Certified Dimensional Drawings are Available Upon Request.