

Y-STRAINER®



Application

Flowtech's newly engineered Y-Strainer #54 and #55 sanitary & industrial in-line strainers are designed to be used in beverage, food, pharmaceutical, chemical and related industries.

Design

Each strainer casing is precision machined from highest quality stock material. The resultant fit between the strainer casing and basket results in a tight tolerance mating to prevent fluid bypass. Flow is from inside the strainer and out for highest strength and efficiency. The Y-type design with its standard clamping system allows the operator to clean the strainer without removing it from the piping. The entrapped material is neatly kept inside the strainer basket. Down time is kept to a minimum. Several sizes of strainer mesh and housings are available. Strainers can be mounted horizontally or vertically and rotated 360° around the piping.

Technical Data

	Size (inches)								Mesh Size	Micron Equiv.	% Open Area
	1/2	1	1 1/2	2	2 1/2	3	4	4			
A	3.8	4.6	5.5	6.8	8.3	9.5	10.0	15.0	4	5100	38
B	5.4	5.8	7.7	8.1	8.4	9.0	13.1	22.0	6	2400	29
	Screen Area (in ²)								16	1130	51
	15	15	38	48	60	70	141	296	30	535	41
	#54 Weight (lbs)								40	380	40
	1.6	1.8	2.8	4.1	5.2	9.5	20	29	50	280	45
	#55 Weight (lbs)								100	140	30
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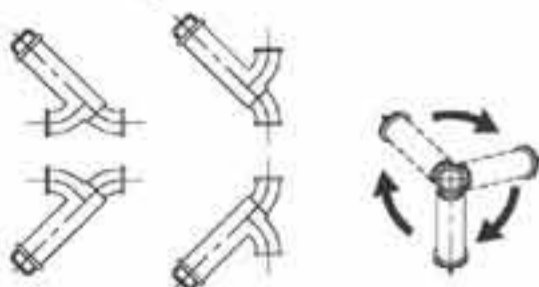
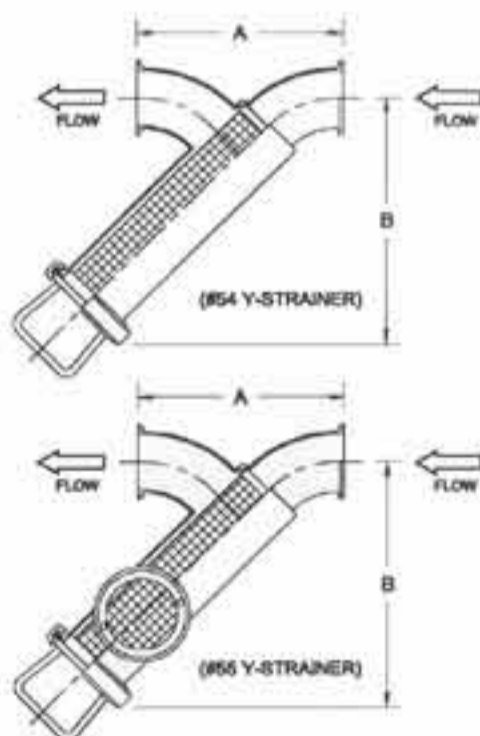
Technical changes without notice.
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Material

All wetted metal parts are 304 or electropolished 316L stainless steel. Seal seats are available in silicone, EPDM, Viton or PTFE.

Optional

Wedge wire for dual flow directions.
Filter systems.
Custom designed strainer body.
Drainage valve mounted on strainer end.
Polishing up to 320 grit.



MOUNTING POSITIONS

360° SWIVEL