

i2c STRAINERS



Model No.DSST 400

The combination of i2c strainer cum air eliminator ensures removal of solid impurities, air or vapor from the liquid before it enters the Flowmeter. It is an essential accessory for a trouble free and accurate Flowmeter operation.



DESIGN & OPERATION

Flash Point Strainers type FABS-1B DN 80 to DN 200 consist of a fabricated body with a single triple walled basket filter element. The liquid flows through the filter basket from the top where foreign matter or solids are retained inside the basket by the fine wire mesh. For cleaning, the filter basket can be easily removed after removal of the cover of the strainer housing. At the bottom, the strainer is provided with the flanged drain connection. Threaded sockets are provided at the inlet & outlet nozzles, for connection of differential pressure indicators, indicating the degree of contamination of the wire mesh.

FILTER BASKET

FABS-1B Strainers have a single basket filter element with a triple walled design. The outer wall is of 8 mm sq. perforated sheet. while the inner wall is of 3 mm round perforated sheet. The wire mesh filtering element is located between the two and can be either of 40 mesh (400 microns, 39.8% opening) or 60 mesh (246 microns, 35% opening) as standard. Strainers with larger mesh size (0.5 mm & 0.8 mm opening size) can also be provided but these are only conditionally suitable for oval wheel meters.

NOTE : Max. differential pressure for contaminated strainer filter element = 3.5 Bar.

Strainers Type FABS are pressure vessels designed to ASME Sec. VIII Div.1. Certification of manufacture.

TABLE TITLE

SIZE NB	A	B	C	K	d	D ANSI CL. 150#	D ANSI CL. 300#	D ANSI CL. 600#	L ANSI CL. 150#	L ANSI CL. 300#	L ANSI CL. 600#	M	Drain Size	Open Filtering Area times cross sectional inlet area	Capacity in litres
.5"															
1"															
2"															
3"	450	300	436	250	219	350	381	420	450	460	470	400	3/4"NB	8	21
4"	550	350	520	300	273	410	445	510	500	510	520	450	3/4"NB	8	35
6"	600	400	625	350	323	485	520	560	580	600	620	600	1"NB	7.6	55
8"	620	450	700	450	406	600	650	700	700	720	740	700	1"NB	7	100

