

COMPACT SA500C SUCTION SCANNER

SEMI-AUTOMATIC SUCTION SCANNER SCREEN FILTERS

APPLICATIONS

Semi-automatic filter.

STANDARD CHARACTERISTICS

- Filter element: Stainless Steel screen AISI 316 mesh, 3 layer
- Available filtration: from 120 micron
- Filter housing material of construction: Carbon Steel ST37.2
- Pre-treatment: sand blasting up to Sa 2.5 grade
- Two layered coating process consisting of a one primary coating Rich Zinc (60 - 70µm thickness) and a final protective coating of Phenolic Epoxy (70 - 80µm thickness)
- Connections: Victaulic; Threaded socket and Flanged
- Maximum recommended working pressure: up to 10 bar (145 psi)
- Minimum operating working pressure during flushing: 1 Bar (14.5 psi)
- Equipped with a mechanical DP which indicates when the pressure difference of 5m is exceeded
- Clean screen pressure loss: up to 0.1 Bar (1.45psi)

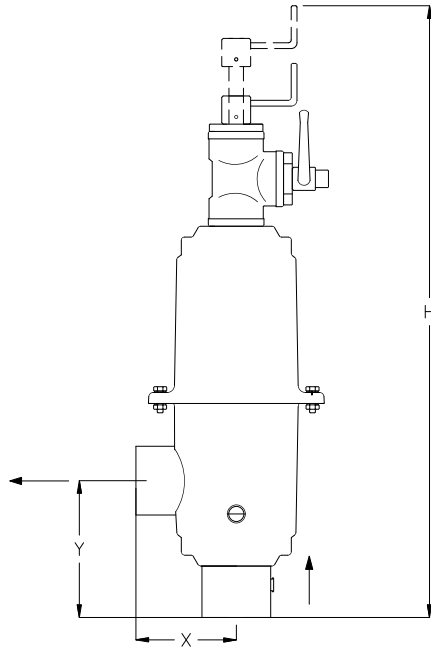


OPERATION

Water flows through the inlet along and through the cylindrical screen trapping the solids on the screen. The filter can be manually cleaned while still pressurized and without removing the screen. The operator cleans the screen by opening the flush valve and turning the handle, fully up and the back down. As a result the suction nozzles traverse the entire screen removing trapped debris. The whole process takes a few seconds.

MODEL	IN/OUTLET DIAMETER		MAX FLOW	FILTRATION		FLUSHING FLOW	X	Y	H	WEIGHT
	MM	INCH		SURFACE	EFFECTIVE AREA					
SA502C	50	2	25	1,135	908	6	123	174	590	12
SA503C	75	3	45	2,363	1,891	8	139	189	782	22
SA504C	100	4	80	2,363	1,891	10	190	280	933	30

Maximum recommended Flow Rate - 120 micron in good quality water



PRESSURE LOSS AT 120 MICRON

