

AUTOMATIC SELF CLEANING STRAINERS

ASC-IVB-B-SERIES-DIM

Design Features

- Horizontally mounted design
- Self cleaning by using backflush principle created by reverse flow
- Standard sizes from 2" - 24". Larger sizes available upon request.
- Available In flanged end connections.
- Standard thru bolt cover design. Other covers on request
- Perforated screens are standard.
- All welders are qualified to ASME Section IX.
- Strainers designed to meet the requirements of ASME Section VIII, Div.1.
- Drain with plug is standard . Drain valves can be supplied on request
- Vents with plug and Dp indicators are standard
- Large body with Guaranteed low pressure drop as per Table 3in engineering data .
- Net free straining area minimum 6 times for standard screen
- DP Switch are standard. Transmitters can be supplied on request
- Electrically actuated butterfly backflush valve are standard. Other valves and Pneumatic valves on request
- Robust bearing design
- Backflush primemover -3 Phase AC motor 230 volts standard for sizes higher that 25 nb
- single phase AC motor 230v standard for 25b and lower.
- Gear box to reduce speeds to 7 to 14 rpm

Material Data

COMPONENT	MATERIAL
Body	IS1239,3589 ASTM A106, SS304/316, DUPLEX STEEL
Cover	A105, SA 516 GR 70, CS TO IS 2062, SS316,304, DUPLEX STEEL
Fastener	A193 B7 Bolts & A 194 2 H Nuts With spring washer. SS 304/316
Gasket	CAF, NACF, Neoprene, Nitrile,PTFE
Drain/Vent Plug	A105, CS TO IS 1875-II, Stainless Steel
Filter Element	SS 304,316, Duplex, Brass, Monel, Hastalloy C

Standard Screens

SIZE RANGE	OPENING
2"-8" (50mm-200mm)	0.125 IN. (3.2mm)
10"-12" (250mm-300mm)	0.125 IN. (3.2mm)
14"-24" (350mm-600mm)	0.188 in. (4.8mm)

Control Panel Specs

IP 65 Double door panel is standard
Panel Size : 400 x 400 x300mm
Power supply : 230 Volts 3 phase AC
3 modes viz., Manual,Built in auto and Remote -with 3 point selector swith as standard
Adjustable field setttable, Periodic and cyclic timer
Valve Feed Back-Open, close and error
Overload protection for Backflush Motor is standard
RS 485 output for remote data Collection
LCD Display
Data Capture
Cleaning cycle - Period run
Valve failure report
Olr activated report
Debris overload through Dp switch report
Indications
Power On
Filteration ON
Filter choked
Drain Valve open

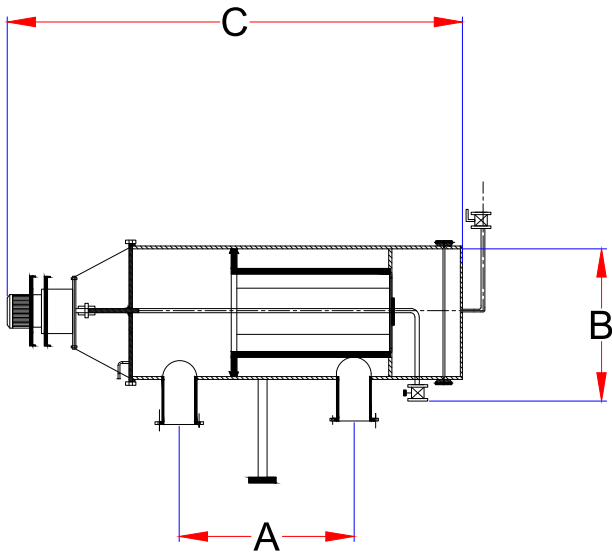


STRAINERS & PRESSURE VESSELS

...Engineering Value



Dimensions



Size	A	B	C
50	350	430	1735
80	620	430	2040
100	620	510	2040
150	620	600	2330
200	620	600	2330
250	620	600	2330