



Manual Scrapper RIPBAC™ – C Strainer

The RIPBAC™ screen is the heart of Ell Ess's strainers. It eliminates all difficulties and deficiencies of the existing basket strainers. The non-clogging, rigid construction element has two-point contact for deposited solids on the outer surface. During backwash, a pinched nozzle effect (Venturi Effect) dislodges deposited particles easily to regain 100% filtration area.

Salient Features

- ❖ Hand operated cleaning mechanism with scrapper arrangement
- ❖ The solid deposited on the outer surface of filter element can be scraped out within few seconds by manually rotating the hand lever 2 – 3 times without stopping the filtration and the solids can be drained out from bottom drain nozzle
- ❖ Maintenance friendly.
- ❖ Keeps the floor and surrounding area cleaner

Advantages

- ❖ Precise Straining & Filtration.
- ❖ Enables Clean – in Place (CIP).
- ❖ No manual cleaning.
- ❖ Enhances Operator safety.
- ❖ Very effective backwash eliminates clogging.
- ❖ Long element life due to rigid construction.
- ❖ Minimal maintenance.

Applications

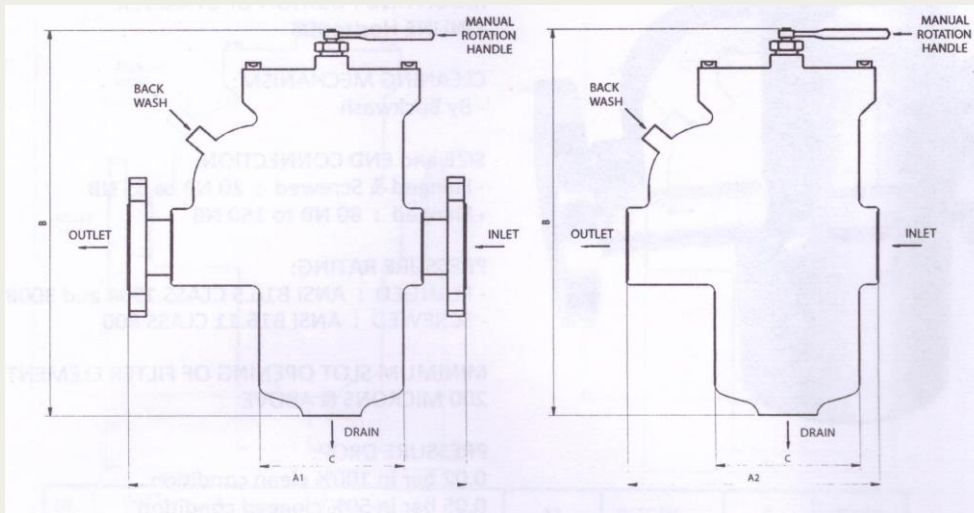
Suitable for continuous straining operation. For filtration of slimy fluids with solids which tends to stick on the filter element such as;

- ❖ Paints
- ❖ Varnish
- ❖ Oil & Fats.
- ❖ Liquids with medium viscosity.
- ❖ Sugar Industry.
- ❖ Chemical & Pharma Industry.



**FOR MEDIUM VISCOSITY
LIQUIDS**

Sketch



Construction

Sr.No	Components	Cast Iron	Cast Steel	Cast SS 304	Cast SS316
1	Body	ASTM A48 / 76 CLASS 35	ASTM A216 GRADE WCB	ASTM A351 CF8	ASTM A351 CF8M
2	Top Cover	ASTM A48 / 76 CLASS 35	ASTM A216 GRADE WCB	ASTM A351 CF8	ASTM A351 CF8M
3	Allen Bolt	HIGH TENSILE CARBON STEEL	HIGH TENSILE CARBON STEEL	HIGH TENSILE CARBON STEEL	HIGH TENSILE CARBON STEEL
4	Tie Rod	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
5	Nut & Washer	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
6	O-Ring	NITRILE / EPDM	NITRILE / EPDM	VITON	VITON
7	Filter Element	STAINLESS STEEL 304	STAINLESS STEEL 304	STAINLESS STEEL 304	STAINLESS STEEL 316
8	Bottom Bush	NYLON	NYLON	PTFE	PTFE
9	Bottom Scrapper Rod Connector	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
10	Scrapper Rod	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
11	Scrapper Rod Nut & Washer	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
12	Scrapper Assembly	CARBON STEEL / UHMW	STAINLESS STEEL 304 / UHMW	STAINLESS STEEL 304 / UHMW	STAINLESS STEEL 316 / UHMW
13	Top Bush	NYLON	NYLON	PTFE	PTFE
14	Element Top Flange	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
15	Rotary seals	PTFE	PTFE	PTFE	PTFE
16	Hex Nut	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
17	Handle	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316
18	Shaft	CARBON STEEL	CARBON STEEL	STAINLESS STEEL 304	STAINLESS STEEL 316



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