



Backwashable 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

- ❖ Backwash cleaning by air or clear liquid through backwash nozzle wherein the flow can be shut off few seconds.
- ❖ No need to take out the filter element or opening up of strainer.
- ❖ Keeps the floor and surrounding area cleaner by completely closed operation.
- ❖ Less Maintenance & Spares.
- ❖ This Strainer can be Automated.

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

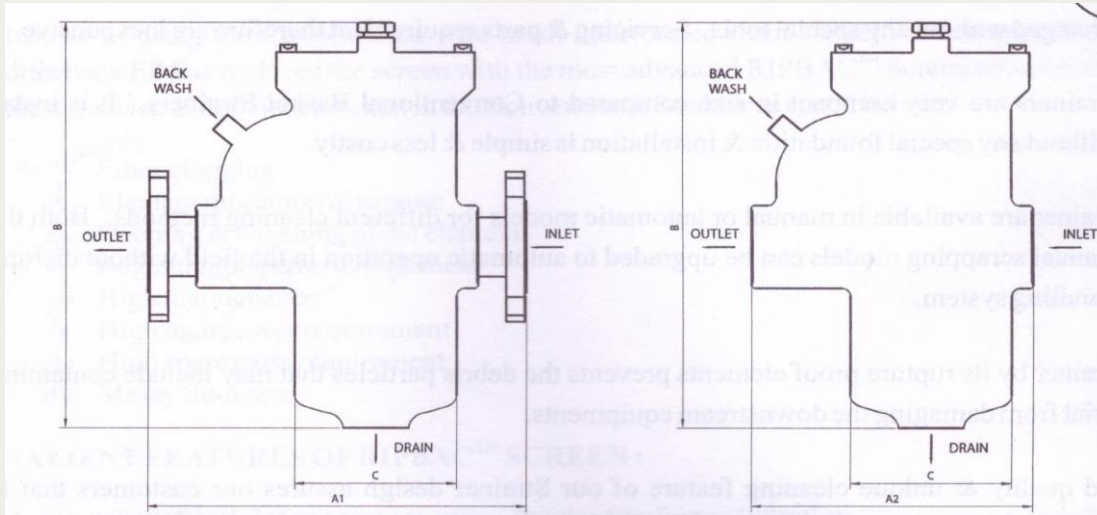
Suitable for filtration of water like free flowing liquids such as;

- ❖ Effluent Water
- ❖ Process Water
- ❖ Cooling Tower Water & Chemicals etc.
- ❖ To protect plant equipments like Condensers, Spray Nozzles, Heat Exchanger, Pumps, Cooling Towers
- ❖ Used in Navy Ships in Sea water for cooling of electronic equipments, lube oil, fire fighting system & fuel filtration.



**FOR LOW 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



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