

## Basket Strainer



Cryogenic offers Basket type strainers for variety of installations and conditions and designed for straining and filtering of wide variety of fluids.

As unfiltered liquid enters the strainer will directly passes through basket in which almost all impurities trapped into the basket and only clean liquid will pass through the outlet of strainer. Advanced dynamic flow and large filtration area elements ensure low pressure drops and reduce maintenance period. Also it is designed such that it will not allow any bypassing of the liquid without filtration as basket is prevented by “ O “ Ring seal between basket flange and strainer internal flange. as well as retain position of basket even in case of reverse flow.

Basket strainers are normally installed before the measuring devices like Positive displacement meter or turbine meter which increases accuracy of the measuring devices.

We offer basket type strainers from 1” to 24” size with flow range upto 900 m<sup>3</sup>/hr or more & for pressure range upto 100 bar & design as per ASME Section VIII div I latest edition.

### Duplex Basket Strainer

Duplex basket filters are used mainly where continuous operation without shutdown is required. In this type of design flow will bypass and re-enter to main product line. This allows one side for service when other stream is into operation. Normally Duplex filters are two way ball valve with equalizing tee, between two basket filter body.

### Ordering Information

#### Type of strainer – (T1)

- T1 Simplex with top body flange
- T2 Simplex with top body cover with Davit arm.
- T3 Simplex with Quick opening closure.
- T4 Simplex with jacketed.
- T5 Duplex with body flange

## Features and Benefits

- Strainers are bidirectional. it can be installed for flow direction Left to Right as well Right to Left.
- Baskets are easily removable.
- Large Filtration Area.
- Carbon Steel or Stainless Steel Housing.
- Normally design for free flow area through screen, 2-3 times pipe flow area. higher can be designed.
- Carbon steel housing are grit blasted, Epoxy primer coated and finally painted with Epoxy paint.
- Covers are spiral wound gasket sealed .
- Gaskets and Seals are Viton, Nitrile, Buna N, PTFE, Graphite etc.
- Strainers are supplied with differential pressure gauge with optional reed switch, manifold 3 valve with complete tubing and fittings.

## Strainer Dimension For 150#. For Other Class Please Consult Our Factory

Size		A End To End Nozzle	B Top Flange To Nozzle	C Nozzle Center To Drain	D Top Cover To Bottom Drain	E Overall	Weight In Kgs
Inches	MM						
15	40	450	125	361	515	625	45
2	50	450	125	361	515	625	48
3	80	580	175	320	535	650	71
4	100	580	200	345	585	675	76
6	150	775	250	750	1040	1250	310