

Permanent Strainer-T Type

Introduction

T type strainer is a fabricated in-line filtration device characterized by its "T" shaped geometry. Its primary function is the extraction of unwanted solid particles and foreign matter from a fluid medium within a pipeline system. This unit is deployed as a primary protective measure to mitigate the risk of impairment to downstream equipment, including but not limited to pumps, valves, compressors, flow meters, and heat exchangers.

Specifications

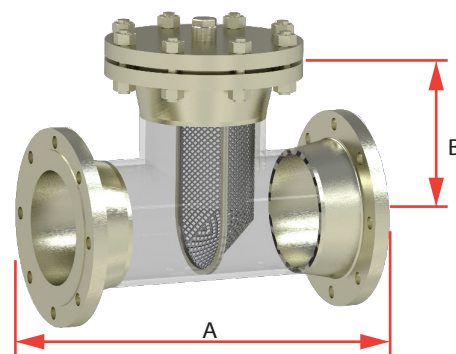
- **Main body:** A "T" shaped housing fabricated or cast from steel, stainless steel, or other alloys.
- **Straining element (basket or screen):** A perforated or mesh lined cylinder located in the branch of the "T", which captures debris as the fluid passes through.
- **Cover or cap:** Bolted or quick-opening, allowing easy removal and cleaning of the basket.
- **Drain connection:** Located at the bottom of the basket chamber for cleaning and flushing out accumulated solids.
- **Inlet and outlet:** Aligned horizontally for straight-line flow, minimizing pressure loss.

Features

- Moderate filtration capacity
- Removable screen or mesh
- Requires system shutdown for cleaning
- Limited debris holding capacity compared to basket strainers

Applications

- Filtration of crude oil, refined product and fuel oil line
- Offshore, LPG/LNG plants and petrochemical
- Cooling water and chilled water unit
- Desalination and RO
- Boiler feed water and condensate lines
- Protects reactors, control valve and instrumentation
- Sea water filtration
- Pumping station, fire fighting unit and irrigation network



Class	200#					400#					600#				
Size	2"	4"	6"	8"	10"	2"	4"	6"	8"	10"	2"	4"	6"	8"	12"
A	258	366	468	564	640	272	386	486	582	670	431	537	639	639	753
B	129	183	234	282	320	136	193	243	291	335	145	215	268	319	376



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