

**MODEL STR-S (SIMPLEX) AND STR-D (DUPLEX) STRAINER**



Strainers are used on fuel oil systems to protect pumps and other devices. They are also used as part of filtration systems as the first stage of the filtration process. These units are designed for use with fuel oil (diesel).

**Specifications (Simplex Strainer):**

- Cast Iron body and cover (ASTM A126-B)
- Quick Opening knobs to minimize service time
- O-ring Seal (Buna-N) on both the cover and baskets can usually be re-used after periodic service (cleaning)
- NPT Connections
- Available with 304SS Baskets in the following sizes
  - 1/16 perforated standard
  - Optional 80 Mesh
  - Optional 100 Mesh



Model	Size	Face to Face Dimension	Weight
STR-S-050	½ inch	4-9/16 inches	4.8 lbs.
STR-S-075	¾ inch	4-9/16 inches	4.8 lbs.
STR-S-100	1 inch	5-5/16 inches	6 lbs.
STR-S-150	1.5 inch	6-6/16 inches	10 lbs.
STR-S-200	2 inch	8-1/4 inches	19.5 lbs.
STR-S-250	2.5 inch	9-5/8 inches	20.5 lbs.
STR-S-300	3 inch	11-1/4 inches	47 lbs.

## Specifications (Duplex Strainer):

- Allows switching of active basket without shutting down flow.
- 3 Way Balls used as diverter valves (316SS)
- PTFE Seats provide bubble-tight sealing
- Handle covers the active chamber
- Cast Iron body and cover (ASTM A126-B)
- Quick Opening knobs to minimize service time
- Standard Screwed or Optional Flanged Connections
- O-ring Seal (Buna-N) on both the cover and baskets can usually be re-used after periodic service (cleaning)
- Available with 304SS Baskets in the following sizes
  - 1/16 perforated standard
  - Optional 80 Mesh
  - Optional 100 Mesh



Model	Size	Face to Face Dimension	Weight
STR-D-100	1 inch NPT	5-1/2 inches	30 lbs.
STR-D-150	1.5 inch NPT	7-1/2 inches	53 lbs.
STR-D-200	2 inch NPT	10 inches	105 lbs.
STR-D-250	2.5 inch NPT	11-1/2 inches	195 lbs.
STR-D-300	3 inch NPT	11-1/2 inches	200 lbs.
STR-D-075F	¾ inch Flanged	6-7/8 inches	34 lbs.
STR-D-100F	1 inch Flanged	6-7/8 inches	34 lbs.
STR-D-150F	1.5 inch Flanged	9-3/8 inches	65 lbs.
STR-D-200F	2 inch Flanged	10-5/8 inches	113 lbs.
STR-D-250F	2.5 inch Flanged	13-1/2 inches	218 lbs.
STR-D-300F	3 inch Flanged	13-1/2 inches	218 lbs.



