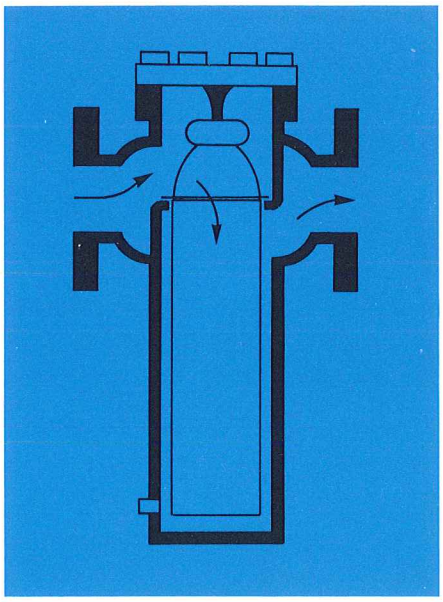
Tate Andale Model 105-1LB Single Basket Strainer

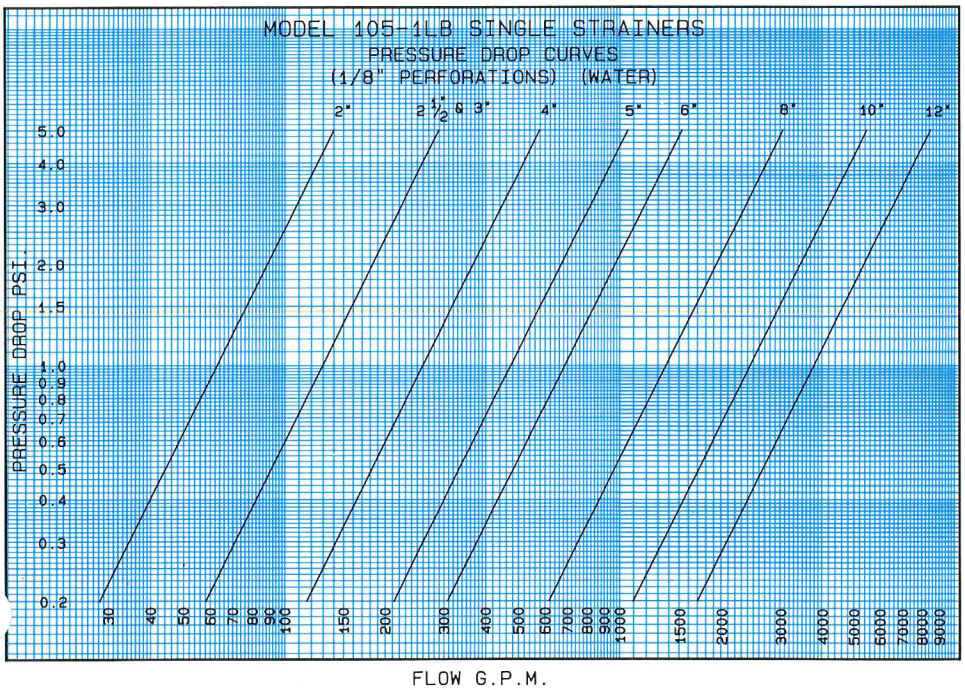
Description

Tate Andale Model 105-1LB Strainers with a single basket have almost universal application wherever fluid flow can be stopped temporarily for removing and cleaning the basket.

Model 105-1LB Strainers are available in sizes 2" thru 12" for system pressure up to 350 PSIG. The basket access cover is bolted.

The basket has a larger gross area than the standard 105-B basket which greatly increases the amount of material that can be removed from the liquid. A wide selection of perforated and mesh sizes are available.





Typical Strainer Specification

The strainer shall be a single basket type, capable of handling _____ (fluid) at a flow rate of _____ GPM with an approximate pressure drop (clean) of _____ PSIG. The strainer shall be Model 105-1LB as manufactured by Tate Andale Inc., and suitable for a working temperature of _____° F.

The strainer body shall be of cast steel construction with _____" flanged connections and shall have a stud bolted cover.

The strainer basket shall be of 304 stainless steel construction with _____ inch diameter perforated openings (or a _____ mesh liner).

Standard Materials

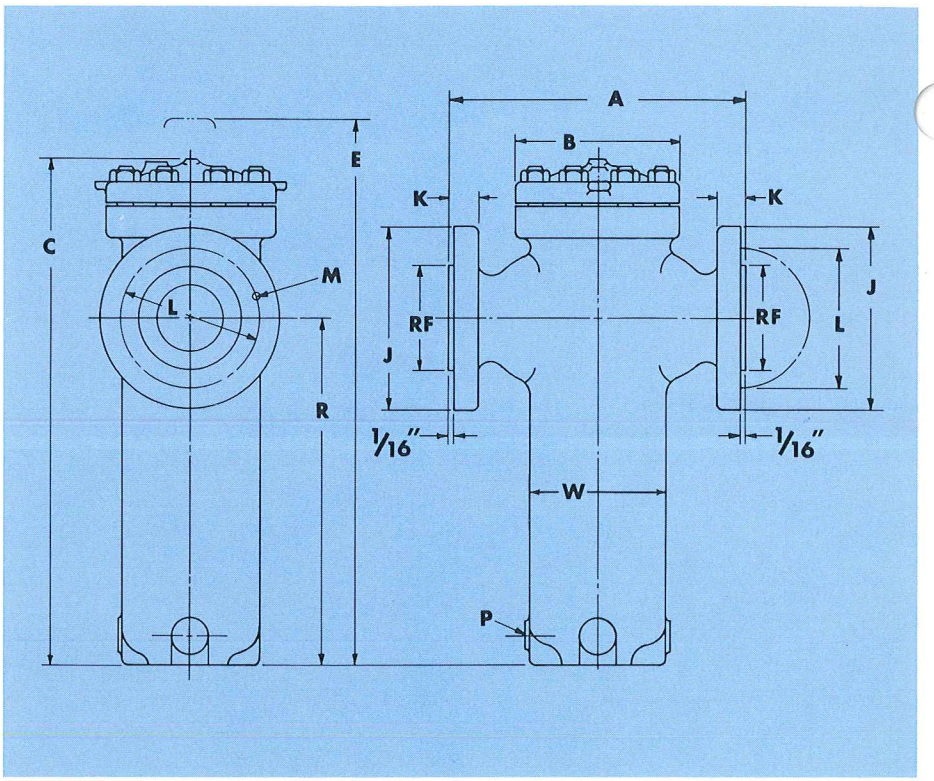
Body, Cover ..... Cast Steel
Basket..... 304 Stainless Steel

Standard Features

- Body and cover of cast steel
- Top entry basket precision machined to prevent particle by-pass

Optional Features

- Higher design pressures
- Magnet assemblies
- Wire cloth basket liners/inserts
- Zinc anodes for salt water
- Baskets of 316 Stainless Steel or Monel



Model 105-1LB Dimensions (Approx.) 350 PSIG

NOMINAL PIPE SIZE	A	B	C	E	J	K	L	M*	P	R	RF	W	NET WT. LBS.
2"	10⅛	7	15¾	29	6½	⅞	5	8-¾	½	11	3⅝	5½	70
2½"	12⅜	8¼	27	54	7½	1	5⅞	8-⅞	½	21¼	4⅛	6½	165
3"	12⅜	8¼	27	54	8¼	1⅛	6⅝	8-⅞	½	21¼	5	6½	175
4"	16¾	11¼	27½	50	10	1¼	7⅞	8-⅞	½	18	6⅜16	8¼	310
5"	19	14¾	32	56	11	1⅜	9¼	8-⅞	½.	22	7⅝16	9½	420
6"	20⅞	15¼	35⅝	65	12½	1⅞16	1⅝	12-⅞	¾	24½	8½	11	600
8"	29	18	47	86	15	1⅝	13	12-1	¾	33¼	10⅝	14¾	1280
10"	33⅜	22	56	102	17½	1⅞	15¼	16-1⅛	1	38	12¾	16¼	1650
12"	37½	27	63	112	20½	2	17¾	16-1¼	1¼	42	15	20	2300

*Number of bolts and diameter of holes.

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