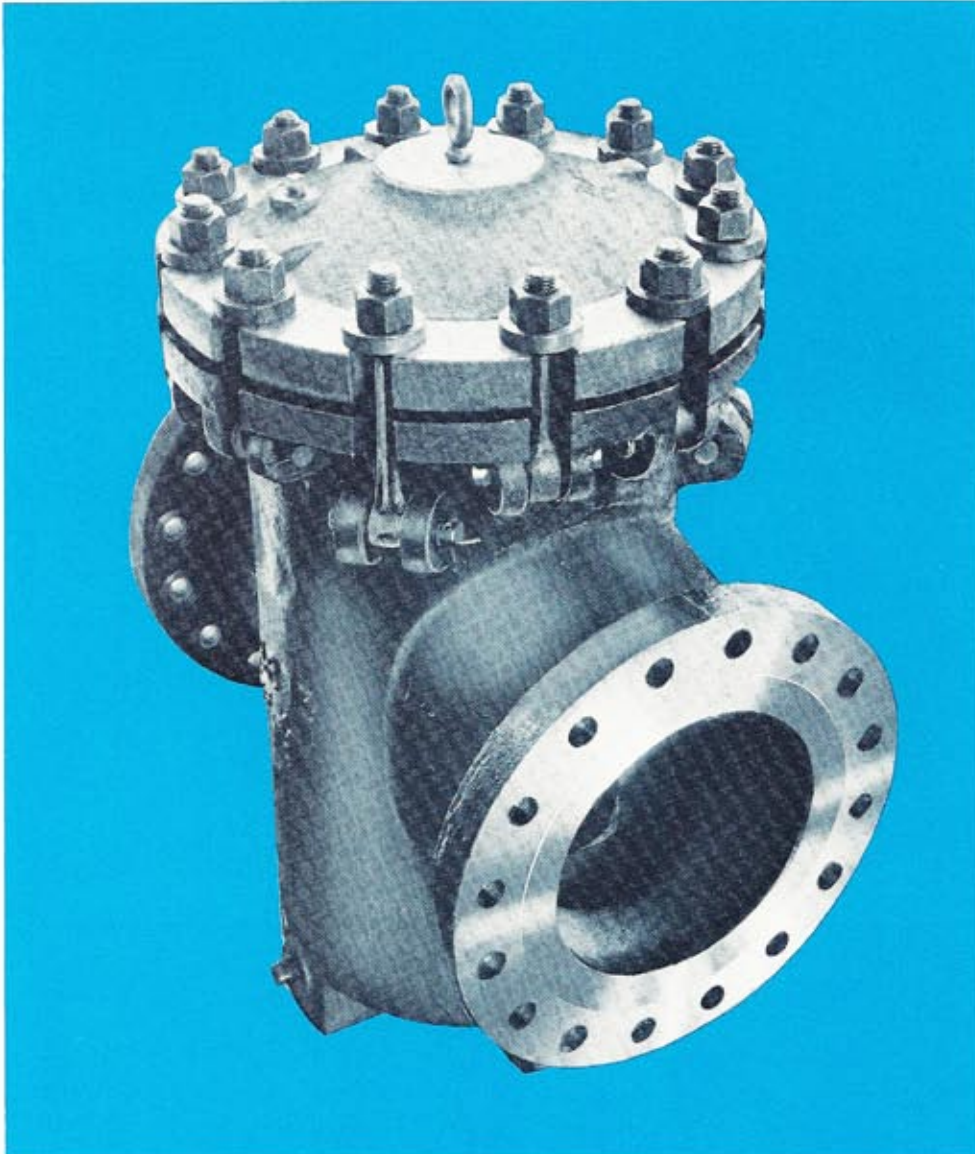


# Tate Andale Model 105-1 Single Basket Strainer

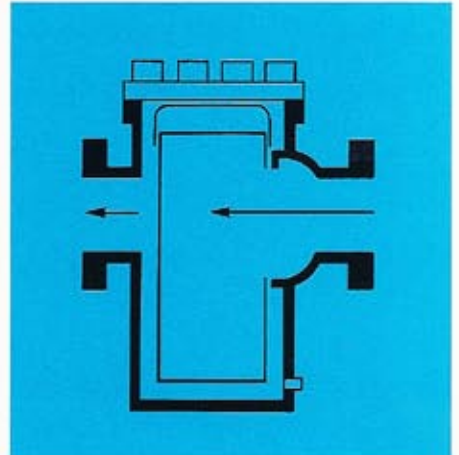


## Description

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

Model 105-1 Strainers are available in sizes  $\frac{3}{8}$ " thru 12" (up to 2" available with threaded or flanged connections;  $2\frac{1}{2}$ " thru 12" flanged connections), for system pressure up to 350 PSIG. The basket access cover is swing bolted.

The strainers have a single perforated basket in a wide selection of perforations. The basket is convenient to remove and clean.

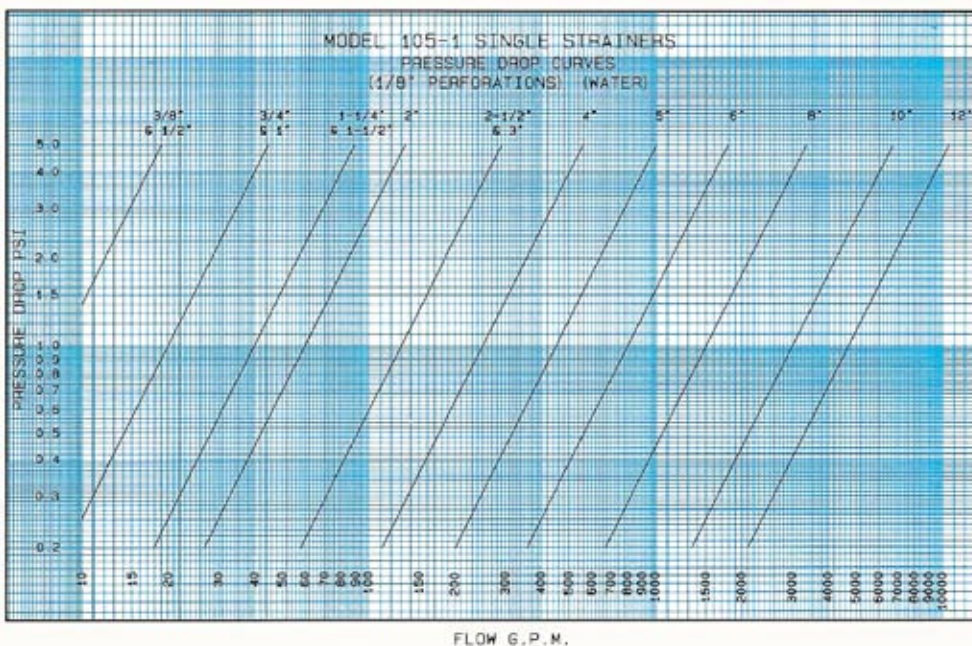


## Typical Strainer Specification

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 105-1 as manufactured by Tate Andale Inc., and suitable for a working temperature of \_\_\_\_\_ °F.

The strainer body shall be of cast steel construction with \_\_\_\_\_ threaded or flanged connections ( $\frac{3}{8}$ " thru 2" available with threaded or flanged connections;  $2\frac{1}{2}$ " thru 12" 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

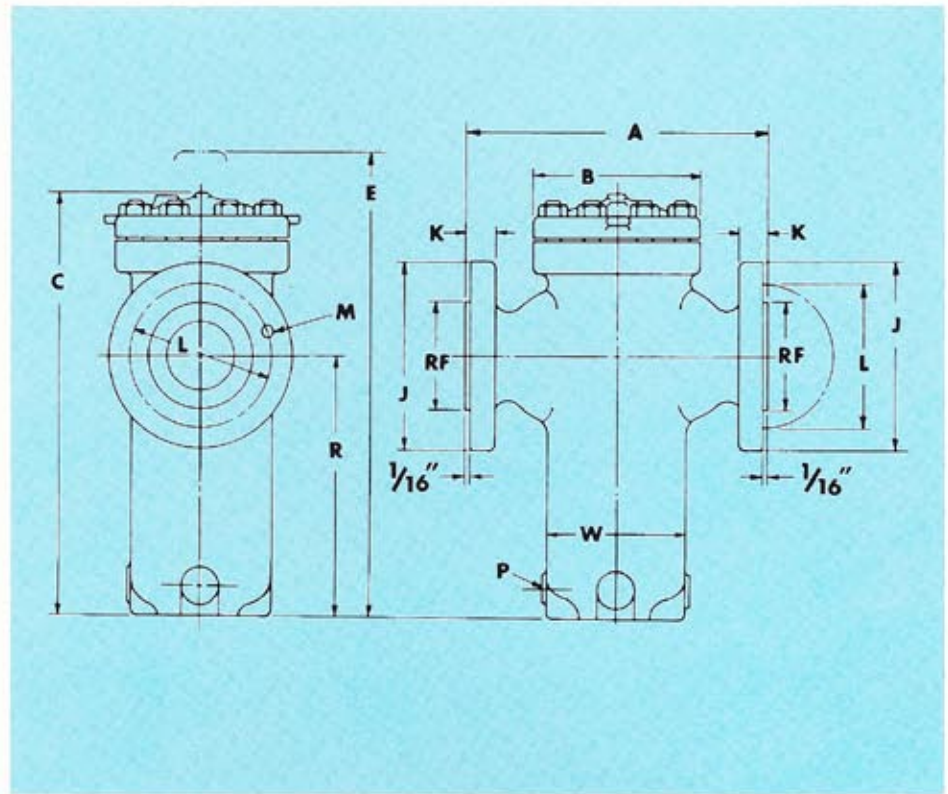
Body, Cover ..... Cast Steel  
Basket..... 304 Stainless Steel

## Standard Features

- Body and cover of cast steel
- Top entry basket precision machined to prevent particle by-pass
- 6" thru 12" employs side entry basket with carefully fitted support to minimize particle by-pass and pressure drop. The side entry basket incorporates .05" clearance between the body housing and basket frame to facilitate basket removal. While the basket can be lined with a mesh liner, particles as large as .05" may by-pass the basket.

## Optional Features

- Higher design pressure
- Magnet assemblies
- Wire cloth basket liners/inserts
- Monel or 316 Stainless Steel Basket



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

NOMINAL PIPE SIZE	A	B	C	E	J	K	L	M*	P	R	RF	W	NET WT. LBS.
3/8"	6	3 1/4	6 1/8	9	SCREWED				1/2	3	—	2 3/4	14
1/2"	5	3 1/4	6 1/8	9	SCREWED				1/4	3	—	2 3/4	14
3/4"	6 1/2	5	8 1/4	14	SCREWED				1/4	5	—	3 5/8	30
1"	6 1/2	5	8 1/4	14	SCREWED				1/4	5	—	3 5/8	30
1 1/4"	8	6 3/8	10 3/4	18	SCREWED				3/8	6 1/4	—	4 7/8	70
1 1/2"	8	6 3/8	10 3/4	18	SCREWED				3/8	6 1/4	—	4 7/8	70
2"	9	7	12 3/4	23	SCREWED				1/2	7 1/8	—	5 1/2	78
2"	10 1/8	6	12 3/4	23	6 1/2	7/8	5	8-3/4	1/2	7 7/8	3 3/8	5 1/2	78
2 1/2"	12 3/8	8 1/4	15	25	7 1/2	1	5 7/8	8-7/8	1/2	9 1/4	4 1/8	6 1/2	135
3"	12 3/8	8 1/4	15	25	8 1/4	1 1/8	6 5/8	8-7/8	1/2	9 1/4	5	6 1/2	145
4"	16 3/4	11 1/4	23 1/4	39	10	1 1/4	7 7/8	8-7/8	1/2	13 7/8	6 1/8	8 1/4	250
5"	19	14 3/4	21 1/2	37	11	1 3/8	9 1/4	8-7/8	1/2	12	7 3/8	9 1/2	320
6"	19	15 1/4	22 1/2	37	12 1/2	1 7/8	10 5/8	12-7/8	3/4	10 1/4	8 1/2	11 1/4	430
8"	24 1/8	20 1/2	34 3/8	55	15	1 3/8	13	12-1	3/4	15 3/8	10 5/8	15	990
10"	28 3/8	22 1/4	37	61	17 1/2	1 3/8	15 1/4	16-1 1/8	3/4	16 1/2	12 3/4	17	1350
12"	31 1/8	24 1/4	40 3/4	69	20 1/2	2	17 3/4	16-1 1/4	1	18 3/8	15	18	1800

\*Number of bolts and diameter of holes.