

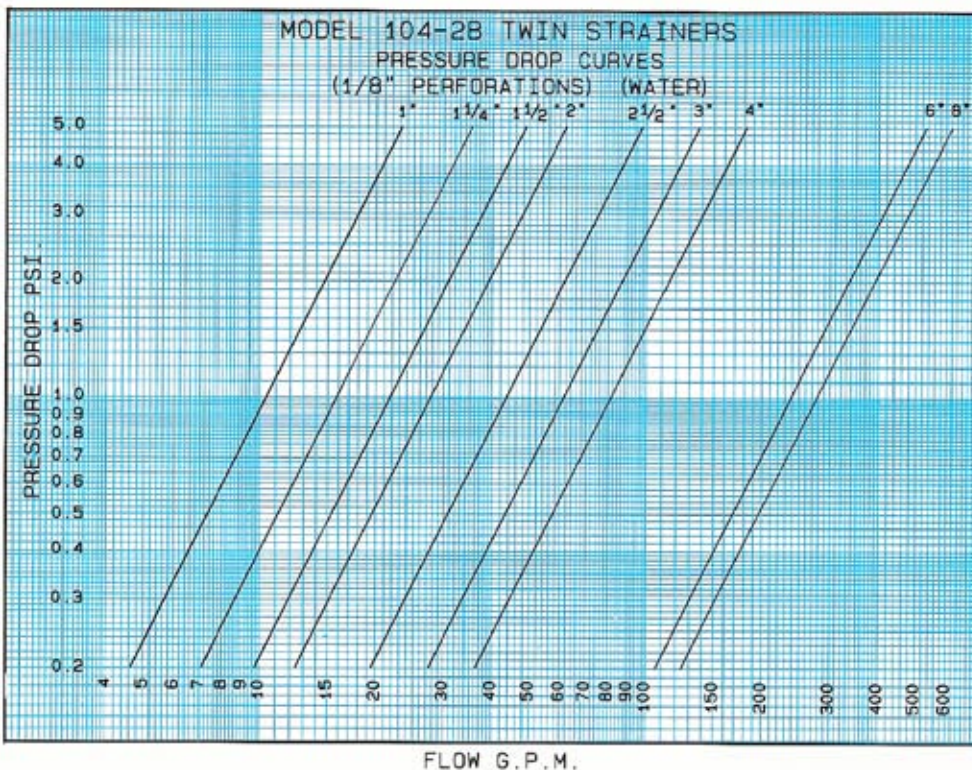
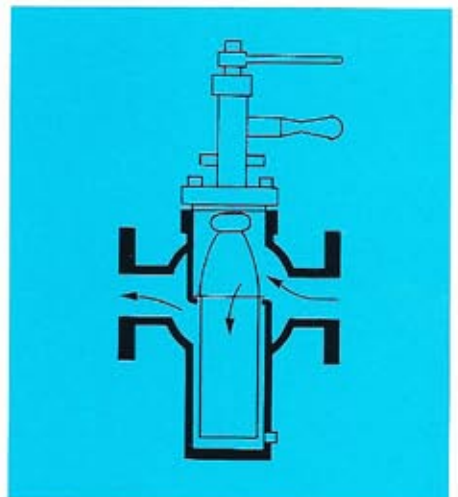
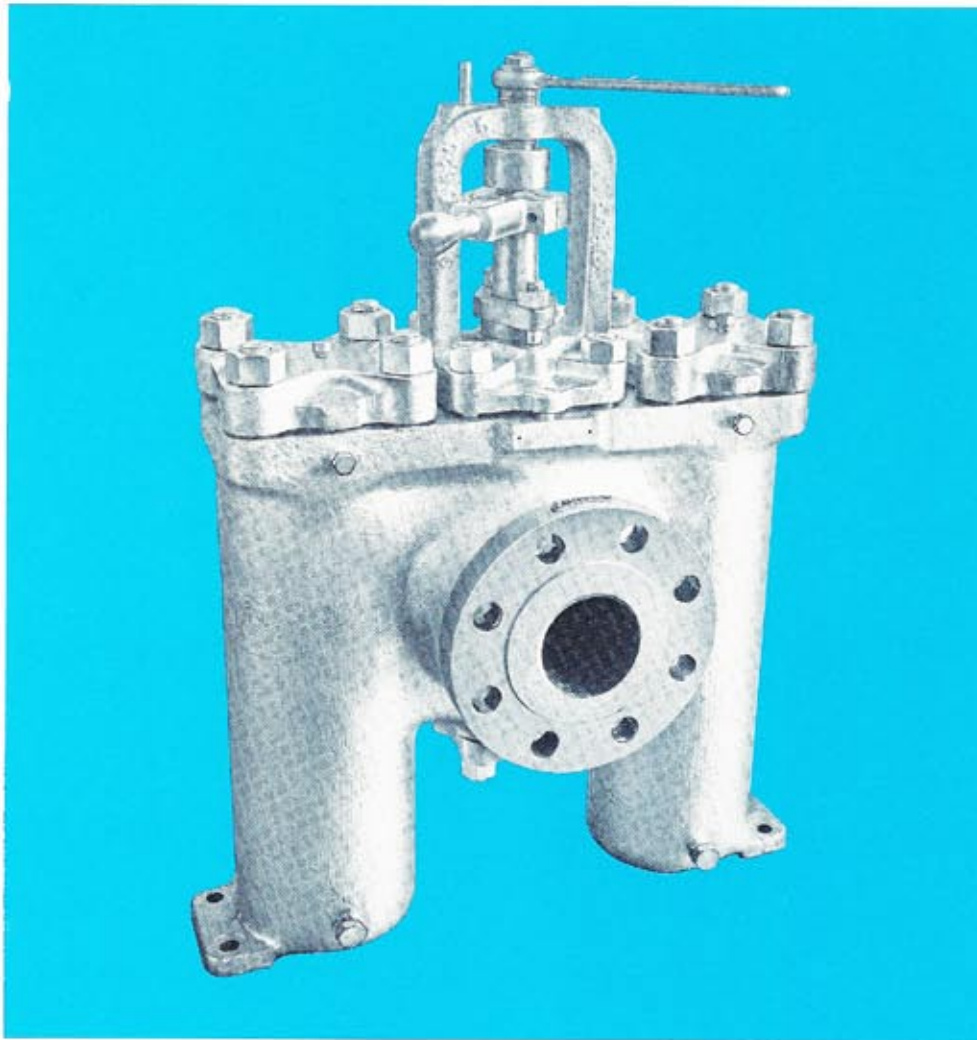
# Tate Andale Model 104-2B Twin Basket Strainer

## Description

Tate Andale Model 104-2B Twin Basket Strainer operation is extraordinarily simple and foolproof. With only a 90° turn of the dual plug valve lever, flow is diverted from the clogged straining basket to a clean one—without interrupting or reducing the flow. The clogged basket can then be removed for cleaning and replaced. Plug lever position also indicates which basket is in use.

Model 104-2B Strainers are available in sizes 1" thru 8" for system pressures up to 400 PSIG. The basket access covers are bolted.

Model 104-2B Strainers are recommended for heavy duty straining and are suitable for most straining requirements.



## Typical Strainer Specifications

The strainer shall be a plug valve twin 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 104-2B as manufactured by Tate Andale, Inc., and suitable for a working pressure of \_\_\_\_\_ PSI and a working temperature of \_\_\_\_\_ °F.

The strainer body shall be of cast steel or stainless steel construction with \_\_\_\_\_" flanged inlet and outlet connections and shall have bolted access covers.

The plug valve shall be precision machined and fitted to the body to insure minimum leakage. A lifting screw shall be provided to raise the plug before turning and to reset the plug to eliminate metal to metal contact when shifting. The plug valve shall include positive stops to assure proper part alignment after turning.

The two strainer baskets shall be of 304 stainless steel construction with \_\_\_\_\_ inch diameter perforated openings (or a \_\_\_\_\_ mesh liner).

## Standard Materials

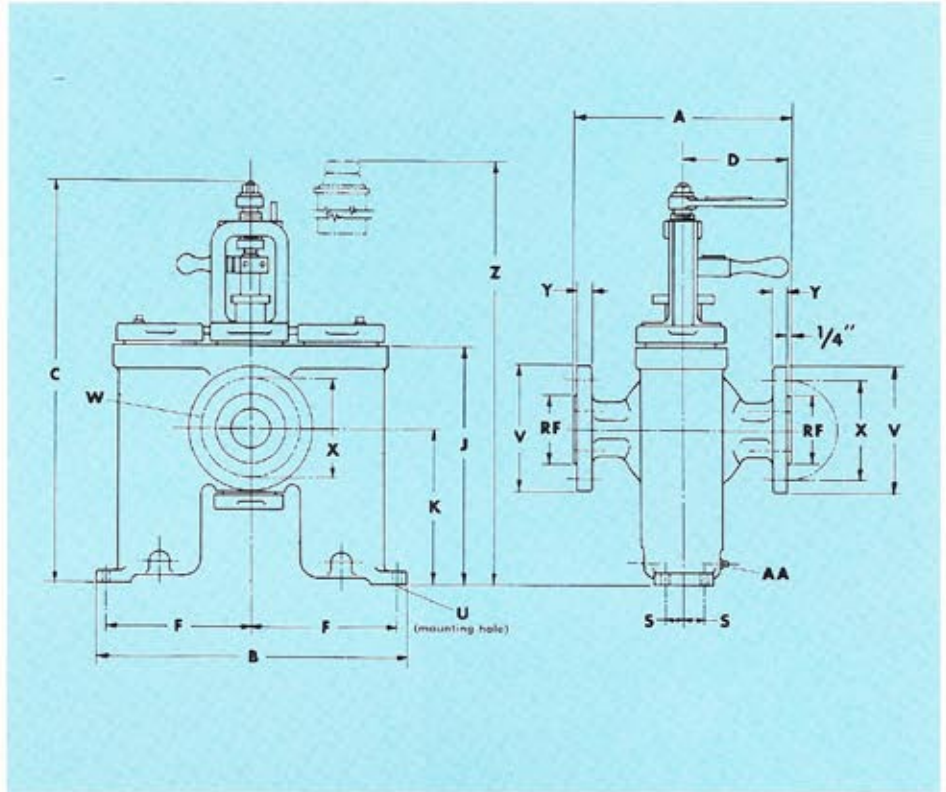
Body, Bonnet,  
Access Cover ..... Cast Steel,  
Stainless Steel  
Valve Plug ..... Cast Stainless Steel  
Basket ..... 304 Stainless Steel

## Standard Features

- Body of cast steel
- Stainless steel diverter valve
- Two (2) top entry baskets precision machined to prevent particle by-pass
- Plug lifting screw eliminates metal to metal contact when shifting

## Optional Features

- Higher design pressures
- Magnet assemblies
- Wire cloth basket liners/inserts
- Stainless steel housing material
- Baskets of 316 Stainless Steel or Monel



## Model 104-2B Dimensions (Approx.) 400 PSIG

NOMINAL PIPE SIZE	A	B	C	D	F	J	K	S	U	V	W*	X	Y	RF	Z	AA**	NET WT. LBS.
1"	8½	13½	15½	5%	6%	7¾	4%	—	2-5/8	4%	4-¾	3½	1%	2	16	¼	80
1¼"	9%	14¼	17¼	6¼	6%	9¼	5%	—	2-5/8	5¼	4-¾	3%	9/16	2½	18	¼	100
1½"	10%	15¼	19	6¼	7	9%	5%	—	2-5/8	6%	4-7/8	4½	¾	2%	18	¼	115
2"	11¾	16½	21	6¼	7%	12¼	8%	1%	4-5/8	6½	8-¾	5	1	3%	24	¾	170
2½"	12¾	17%	25	8	8%	14%	9%	1%	4-5/8	7½	8-7/8	5%	1%	4%	28	½	230
3"	14¼	21	29	8	9%	17¾	12	1%	4-5/8	8¼	8-7/8	6%	1¼	5	36	½	300
4"	17%	24	37	8	11¼	22¾	15	1%	4-¾	10	8-1	7%	1%	6%	46	½	350
6"	22%	34	41½	18	15¾	26¾	17	2%	4-1	12½	12-1	10%	1%	8½	52	¾	1100
8"	28	47	51	22	22¼	35	24	3%	4-1½	15	12-1½	13	1%	10%	69	1	3100

\*W—Flange drilling, straddles center line.

\*\*AA—Drain plug on inlet side of each compartment.