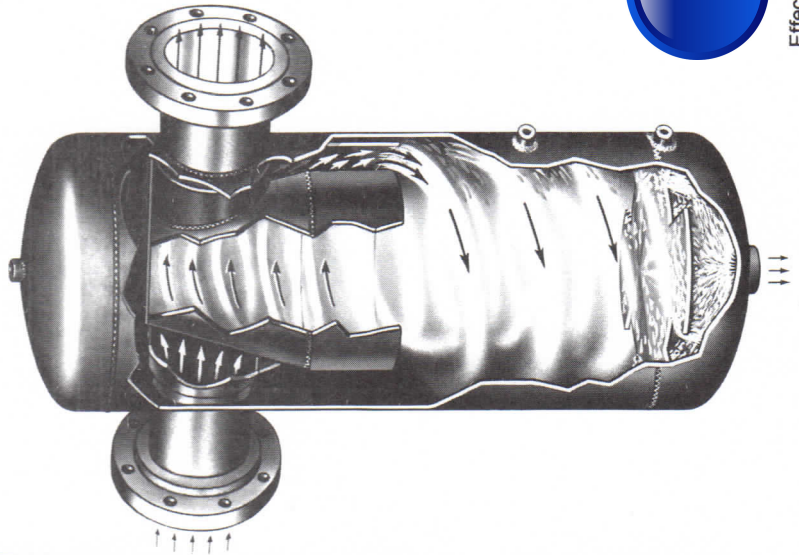


TYPE "T" GAS/LIQUID SEPARATOR (CARBON OR STAINLESS STEEL)

PERFORMANCE

The WRIGHT-AUSTIN type "T" entrainment separator, when properly sized, installed and drained, will remove 99% of all liquid droplet and solid particle entrainment where the droplet and/or particle size equals or exceeds ten microns.



DIMENSIONS AND WEIGHTS

Pipe Size	Thrd. & Sock. Weld. A	150# & 300# Flanged A	600# Flanged A	B	Cast C	Fab'd C	D	G	NPT Drain	Thrd. & Sock. Weld. Design 1000 PSIG @ 650° F Wgt.	150# Flg's. Design 150 PSIG @ 450° F Wgt.	300# Flg's. Design 500 PSIG @ 650° F Wgt.	600# Flg's. Design 750 PSIG @ 650° F Wgt.
1"	6 3/8"	10 1/2"	12"	10 1/2"	12"	16"	5 9/16"	4 3/4"	1"	29	33	35	37
1 1/4"	6 3/8"	10 1/2"	12"	10 1/2"	12"	16"	5 9/16"	4 3/4"	1"	30	35	37	42
1 1/2"	7 5/8"	11 1/2"	14"	12 1/2"	14"	19"	6 5/8"	4 3/4"	1"	55	50	56	59
2"	7 7/8"	11 1/2"	14"	12 1/2"	14"	19"	6 5/8"	4 3/4"	1"	57	55	59	64
2 1/2"	-	16"	18"	15"	-	22"	8 5/8"	5 3/4"	1"	-	100	110	125
3"	-	18"	20"	18"	-	26"	10 3/4"	5 3/4"	1 1/2"	-	140	150	175
4"	-	20"	22"	22"	-	31"	12 3/4"	5 3/4"	1 1/2"	-	195	220	295
5"	-	22"	24"	26"	-	36"	14"	7 7/8"	1 1/2"	-	230	290	435
6"	-	24"	28"	30"	-	41"	16"	7 7/8"	1 1/2"	-	350	380	715
8"	-	28"	32"	37"	-	50"	18"	7 7/8"	2"	-	475	610	1070
10"	-	34"	38"	55"	-	70"	24"	7 7/8"	2"	-	780	1180	2065
12"	-	38"	42"	58"	-	75"	28"	7 7/8"	2 1/2"	-	940	1510	2750
14"	-	42"	46"	60"	-	79"	32"	7 7/8"	2 1/2"	-	1155	2205	3400
16"	-	47"	51"	68"	-	89"	36"	7 7/8"	3"	-	1605	2785	4750
18"	-	54"	58"	85"	-	109"	42"	9 1/8"	3"	-	2260	4370	6295
20"	-	62"	66"	99"	-	126"	48"	9 1/8"	3"	-	2845	5635	8600
22"	-	64"	68"	102"	-	130"	48"	10 1/4"	3"	-	3000	6085	10900
24"	-	70"	74"	109"	-	140"	54"	10 1/4"	4"	-	4295	7845	14000

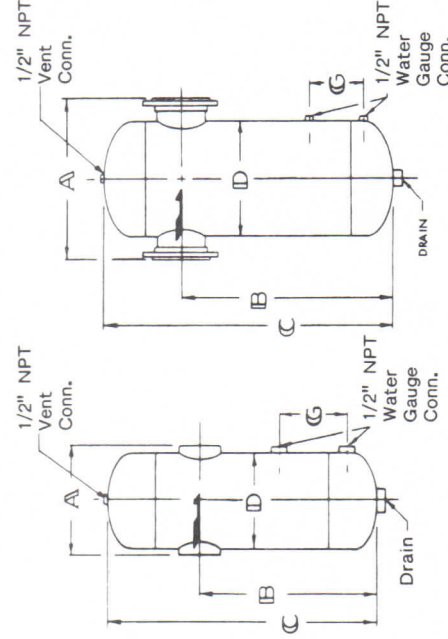
*Flanged Drain

Suitable for steam, air, and gas applications.

Moisture laden gas enters the inlet of the separator where it is deflected in a centrifugal downward motion. The entrained moisture is separated out by reduction in velocity. Separated liquid then falls below the "Vortex Containment Plate" (VCP) where it cannot be re-entrained. Dry, clean gas then flows upward and exits through the outlet of the separator.

These Type "T" separators are of welded steel construction in accordance with Section VIII, Division I of the ASME Code for unfired pressure vessels. Inlet and outlet connections can be rotated radially upon request.

For Trap selection - request: Bulletin 808 (Steam)
Bulletin 814 (Air-Gas)



Notes.

Cast vessels have 1/4" vent line connection.

Pipe separator vent connection to drain trap vent connection for air and gas installations.

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Effective Nov. 1, 1995

WRIGHT-AUSTIN

3250 Franklin St. Detroit, MI 48207
Phone: (313) 259-1925
FAX (313) 259-1962

TB-535N