



**CIRCLE**  
  
**PRODUCTS, INC.**

# TECHNICAL BULLETIN

**TYPE:** Horizontal In / Vertical downflow installations

**MODEL:** Dry-Flo™ L6 Moisture Separator

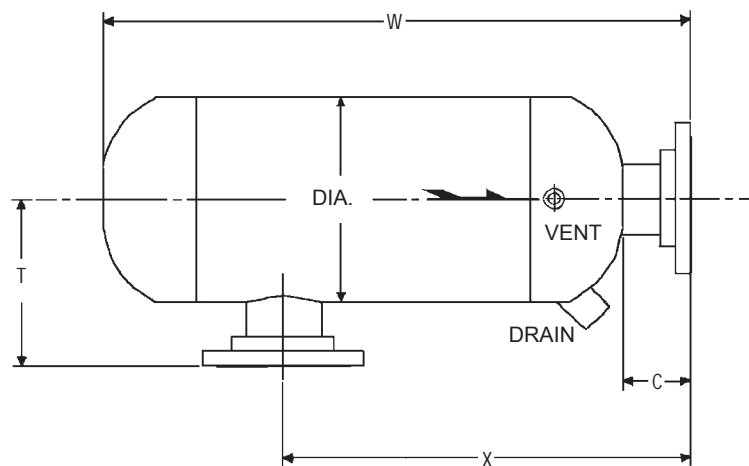
TB No. S3600

Date 1-99

Model "L6" Separators are designed for horizontal inlet and vertical down outlet or vertical up inlet and horizontal outlet flow installation only. The stainless steel Separating Tuyere Diffuser causes the stream to enter a controlled centrifugal flow. Due to the centrifugal motion, entrained liquids and solids are directed to the outer walls of the separator. Re-entrainment breaker plates create a quiet inert zone to prevent liquid from reentering the flow stream once separation has taken place.

With correct sizing and proper drainage, these separators are designed to eliminate 99% of all entrained liquids and particles that are 10 microns and larger in size.

The Model "L6" Separators can be fabricated from carbon steel or stainless steel and are manufactured in accordance with the ASME Code Section VIII, Division I.



### DIMENSIONS AND WEIGHTS

PIPE SIZE	C	DIA.	T	W	X	NPT DRAIN	150# FLANGED	300# FLANGED
							DESIGN 150 PSIG @ 450° F	DESIGN 500 PSIG @ 650° F
							WEIGHT	WEIGHT
1 1/2"	2 1/2"	5 9/16"	5 1/2"	24"	18"	1"	47	54
2"	3"	6 5/8"	7"	26"	20"	1"	58	64
2 1/2"	3"	6 5/8"	7"	26"	20"	1"	66	74
3"	3"	8 5/8"	8"	29"	22"	1"	97	112
4"	4"	10 3/4"	10"	36"	28"	1 1/2"	155	187
5"	4"	12 3/4"	11"	41"	32"	1 1/2"	228	270
6"	4"	14"	12"	45"	35"	1 1/2"	268	335
8"	5"	16"	13"	58"	46"	2"	438	520
10"	5"	20"	15"	68"	54"	2"	552	901
12"	5"	24"	17"	79"	63"	2 1/2"	762	1316
14"	5"	28"	19"	89"	71"	2 1/2"	1123	1813
16"	5"	30"	20"	99"	80"	3"	1254	2914
18"	6"	36"	24"	109"	87"	3"	1606	3128
20"	6"	36"	24"	118"	95"	4" *	1846	5246
22"	6"	42"	27"	131"	108"	4" *	2780	5603
24"	6"	42"	27"	144"	117"	4" *	3210	6666

\* Flanged Drain