



CIRCLE

PRODUCTS, INC.

TECHNICAL BULLETIN

TYPE: Horizontal In / Vertical Upflow installations

MODEL: Dry-Flo™ L5 Moisture Separator

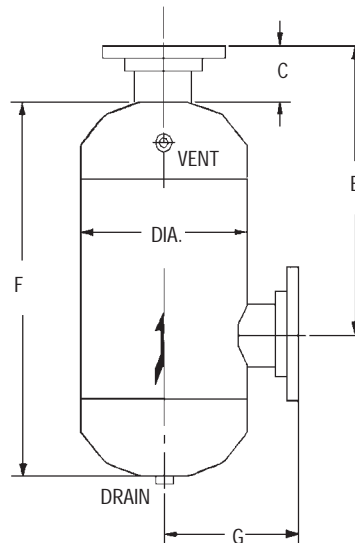
TB No. S3500

Date 1-99

Model "L5" Separators are designed for horizontal inlet and a vertical upflow 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 "L5" 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.	E	F	G	NPT DRAIN	150# FLANGED	300# FLANGED
							DESIGN 150 PSIG @ 450° F	DESIGN 500 PSIG @ 650° F
							WEIGHT	WEIGHT
1 1/2"	2 1/2"	6 5/8"	15"	19"	6"	1"	60	66
2"	3"	8 5/8"	16"	20"	8"	1"	73	77
2 1/2"	3"	8 5/8"	16"	20"	8"	1"	97	103
3"	3"	10 3/4"	21"	26"	9"	1"	147	157
4"	4"	14"	23"	28"	11"	1 1/2"	198	216
5"	4"	16"	27"	33"	12"	1 1/2"	287	334
6"	4"	18"	30"	37"	13"	1 1/2"	350	480
8"	5"	20"	37"	45"	15"	2"	524	652
10"	5"	24"	44"	54"	17"	2"	746	1050
12"	5"	30"	52"	66"	20"	2 1/2"	1063	1568
14"	5"	36"	58"	73"	23"	2 1/2"	1418	2320
16"	5"	40"	68"	85"	25"	3"	1972	3290
18"	6"	42"	72"	90"	27"	3"	2353	
20"	6"	48"	78"	97"	30"	4" *	2547	
22"	6"	48"	84"	105"	30"	4" *	3196	
24"	6"	54"	90"	113"	33"	4" *	3730	

* Flanged Drain