



CIRCLE

PRODUCTS, INC.

TECHNICAL BULLETIN

TYPE: Vertical Upflow installations

MODEL: Dry-Flo™ L2 Moisture Separator

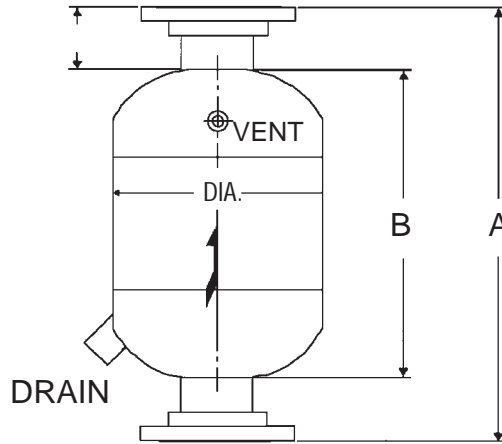
TB No. S3200

Date 1-99

Model "L2" Separators are designed for vertical upflow installations 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 "12" 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	A	B	C	DIA.	NPT DRAIN	150# FLANGED	300# FLANGED
						DESIGN 150 PSIG @ 450° F	DESIGN 500 PSIG @ 650° F
					STD	WEIGHT	WEIGHT
1 1/2"	17"	12"	2 1/2"	6 5/8"	1"	50	60
2"	19"	13"	3"	8 5/8"	1"	60	95
2 1/2"	19"	13"	3"	8 5/8"	1"	70	100
3"	22"	16"	3"	10 3/4"	1"	100	135
4"	28"	20"	4"	14"	1 1/2"	150	280
5"	30"	22"	4"	16"	1 1/2"	175	380
6"	33"	25"	4"	18"	1 1/2"	225	460
8"	39"	29"	5"	20"	2"	255	620
10"	48"	38"	5"	24"	2"	495	825
12"	54"	44"	5"	30"	2 1/2"	700	1207
14"	60"	50"	5"	36"	2 1/2"	1040	1600
16"	66"	56"	5"	40"	3"	1170	2600
18"	72"	60"	6"	42"	3"	1475	3280
20"	78"	66"	6"	48"	4" *	1690	3750
22"	83"	71"	6"	48"	4" *	2548	5660
24"	88"	76"	6"	54"	4" *	2800	6220

* Flanged Drain