



**CIRCLE
S
PRODUCTS, INC.**

TECHNICAL BULLETIN

MODEL: "AS" Air Separator

TB No. S5100

Date 1-01

APPLICATION

For use to remove entrained air.

SPECIFICATIONS

Air Separator shall be Carbon Steel construction ASME Code Stamped for maximum working pressure to 150 psig. Vessel is designed for a maximum temperature of 450°F. Pipe connections are NPT for sizes 2" thru 2 1/2" and ANSI 150# RF flanges for 3" and larger.

FEATURES

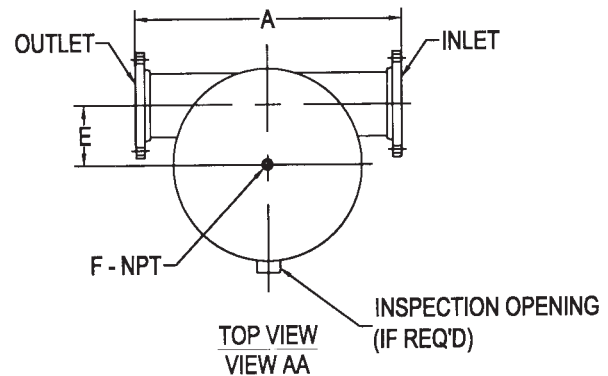
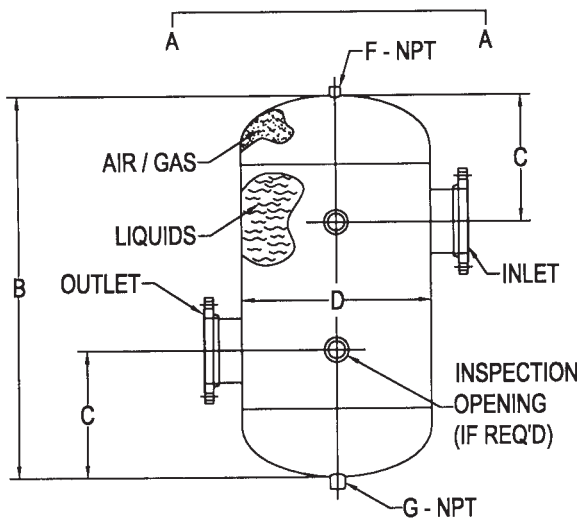
Tangential design results in smaller unit requirement. It provides air free flow which protects against damage and system noise, and helps to prevent water logged plain steel expansion tanks.

STANDARDS

These vessels are designed in accordance with ASME Code Section VIII, Div. 1 and can be ASME Code Stamped for 150 psig.

OPTIONS

- Stainless Steel construction.
- Working Pressures to 300PSIG
- Pipe connections to 24"
- Special exterior finish
- For options specification and pricing consult Circle S Products, Inc.



DIMENSIONS AND WEIGHTS

INLET / OUTLET	A	B	C	D	E	F	G	WEIGHT LBS.
2"	16 5/8"	19 1/2"	5 1/2"	12 3/4"	4 5/16"	1 1/4"	1"	41
2 1/2"	16 5/8"	19 1/2"	5 1/2"	12 3/4"	4 1/16"	1 1/4"	1"	56
3"	19 3/4"	19 1/2"	5 3/4"	12 3/4"	3 3/4"	1 1/4"	1"	59
4"	21 3/4"	28"	9 1/8"	14"	4 1/4"	1 1/2"	2"	97
5"	21 3/4"	28"	9 1/8"	14"	3 3/4"	1 1/2"	2"	118
6"	28"	39 3/4"	13 1/4"	20"	6 1/4"	2"	2"	201
8"	28"	39 3/4"	13 1/4"	20"	5 3/16"	2"	2"	299
10"	41"	58"	19"	30"	9 1/8"	2"	2"	563
12"	41"	58"	19"	30"	8 1/8"	2"	2"	647
14"	46 3/8"	75 1/2"	22"	36"	10 3/16"	2"	2"	1325
16"	52"	93"	28 1/2"	42"	12 1/2"	2"	2"	1350
18"	61 1/2"	105 1/2"	32 1/4"	48"	13 5/8"	2"	2"	1985
20"	66"	109"	32"	54"	16"	2"	2"	3180
24"	78"	130"	38"	66"	19"	2"	2"	5475