



**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**

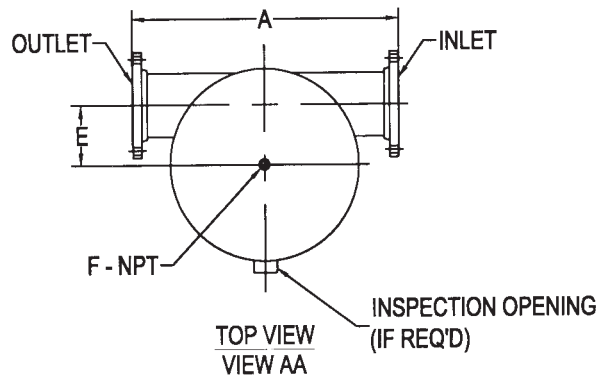
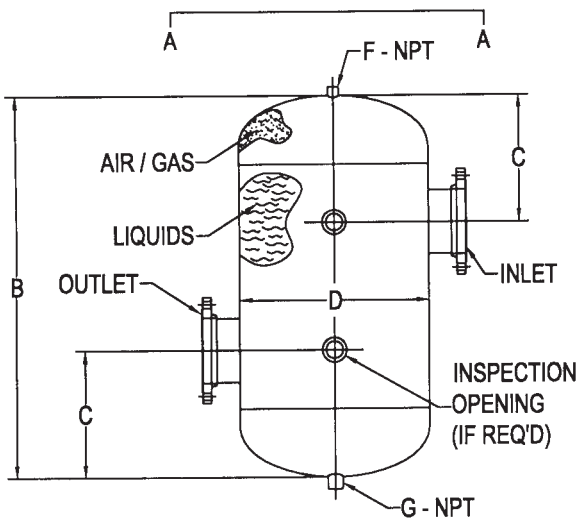
Tangential design results in smaller unit requirement. It provides air free flow which protects against damage and system noise, and helps to prevent water logged plain steel expansion tanks.

**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 3000PSIG
- 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"	6 1/2"	12 3/4"	4 5/16"	1 1/4"	1"	41
2 1/2"	16 5/8"	19 1/2"	6 1/2"	12 3/4"	4 1/16"	1 1/4"	1"	56
3"	19 3/4"	19 1/2"	6 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 5/8"	2"	2"	5475