

Alstrom Centrifugal Vapor-Liquid Separator Series "ALCENT"

The Alstrom Centrifugal Vapor-Liquid Separator type "Alcent," when properly selected, installed and drained, removes 99% of liquids and solids entrainment where liquid droplets or solid particles exceed 10 micron.

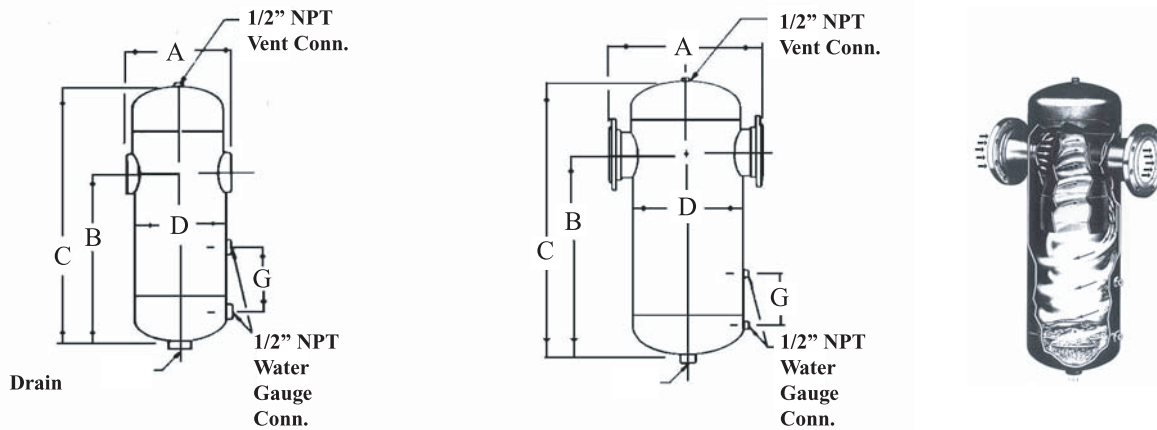
Centrifugal and gravity forces result in adhesion of particles to the walls of the separator and their eviction removal from the vessel.

The separator is manufactured from carbon steel or stainless steel in accordance with ASME Pressure Vessel Code, Section VIII, Div. 1.

The separator can be modified for horizontal installation, as well as for relocation of inlet and outlet connections.

When it is necessary, the separator can be equipped with bucket type trap and liquid-level gauge.

Similar design is widely used in the industry for steam, air, and gas applications. This type of separator is particularly recommended for systems with high operating pressure.



Standard dimensions and weight of the "Alcent" liquid-vapor separator

PIPE SIZE D	COUPLING A	FLANGED		B	C	D	E	DRAIN NPT OR FLANGED IN	DESIGN 1000 PSIG@ 650 F LB	DESIGN 150# @ 450 F LB	DESIGN 500# @ 650 F LB	DESIGN 750# @ 650 F LB	PIPE SIZE D
		150#, 300# A	600# A										
1	6 3/8	10 1/2	12	10 1/2	16	5 9/16	4 3/4	1	29	33	35	37	1
1 1/4	6 3/8	10 1/2	12	10 1/2	16	5 9/16	4 3/4	1	30	35	37	42	1 1/4
1 1/2	7 5/8	11 1/2	14	12 1/2	19	6 5/8	4 3/4	1	55	50	56	59	1 1/2
2	7 7/8	11 1/2	14	12 1/2	19	6 5/8	4 3/4	1	57	55	59	64	2
2 1/2	9 7/8	16	18	15	22	8 5/8	5 3/4	1	60	100	110	125	2 1/2
3	12	18	20	18	26	10 3/4	5 3/4	1 1/2		140	150	175	3
4		20	22	22	31	12 3/4	5 3/4	1 1/2		195	220	295	4
5		22	24	26	36	14	7 7/8	1 1/2		230	290	435	5
6		24	28	30	41	16	7 7/8	1 1/2		350	380	715	6
8		28	32	37	50	18	7 7/8	2		475	610	1070	8
10		34	38	55	70	24	7 7/8	2		780	1180	2065	10
12		38	42	58	75	28	7 7/8	2 1/2		940	1510	2750	12
14		42	46	60	79	32	7 7/8	2 1/2		1155	2205	3400	14
16		47	51	68	89	36	7 7/8	3		1605	2785	4750	16
18		54	58	85	109	42	9 1/8	3		2260	4370	6295	18
20		62	66	99	126	48	9 1/8	3		2845	5635	8600	20
22		64	68	102	130	48	10 1/4	3		3000	6085	10900	22
24		70	74	109	140	54	10 1/4	4		4295	7845	14000	24
CUSTOM DESIGN													CUSTOM DESIGN