

SUBMITTAL DATA



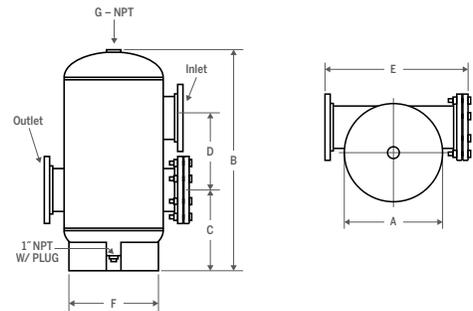
TANGENTIAL AIR SEPARATORS WITH STRAINER ESPA-S



Job Name: _____
 Location: _____
 Engineer: _____
 Contractor: _____
 Sales Rep.: _____

Submitted by: _____ Date: _____
 Approved by: _____ Date: _____
 Order No.: _____ Date: _____
 Notes: _____

QUANTITY <input type="text"/>	MAXIMUM PRESSURE <input type="checkbox"/> 125 PSI <input type="checkbox"/> 150 PSI <input type="checkbox"/> 175 PSI <input type="checkbox"/> 200 PSI <input type="checkbox"/> 250 PSI <input type="checkbox"/> 300 PSI <input type="checkbox"/> Other*: <input type="text"/>	OPTIONAL <input type="checkbox"/> Industrial vent (#MV15) 
MODEL ESPA -S	*Subject to the manufacturer's approval.	



With strainer

Features

- ▶ Design conforms to ASME, section VIII
- ▶ With strainer allowing debris retention

Technical Specifications

- ▶ Carbonized steel housing
- ▶ Black oxide primer
- ▶ Maximum design temperature: 232°C (450°F)
- ▶ Maximum design pressure: 125 PSI
- ▶ Pressure of 150, 175, 200, 250 and 300 PSI also available

To obtain a separator of higher capacity and greater pressure, contact the manufacturer.

Model#	Max GPM	Connect.		Type	Dimension												Weight			
		in	mm		A		B		C		D		E		F		G		lb	kg
					in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
ESPA2-S	56	2	51	NPT	12	305	22½	572	9	229	8½	216	16¾	422	9½	241	1¼	32	34	15
ESPA2.5-S	90	2½	64	NPT	12	305	22½	572	9	229	8½	216	16¾	422	9½	241	1¼	32	37	17
ESPA3-S	190	3	76	FLANGED	12	305	25	625	9¾	248	8	203	19¾	502	9½	241	1¼	32	45	20
ESPA4-S	300	4	102	FLANGED	14	356	32	813	12½	308	10¾	273	21¾	552	11½	292	1½	38	80	36
ESPA5-S	530	5	127	FLANGED	14	356	32	813	12½	308	10¾	273	21¾	552	11½	292	1½	38	125	57
ESPA6-S	850	6	152	FLANGED	20	508	44	1118	16¼	413	14½	368	28	711	18	457	2	51	175	79
ESPA8-S	1900	8	203	FLANGED	20	508	44	1118	16¼	413	14½	368	28	711	18	457	2	51	210	95
ESPA10-S	3600	10	254	FLANGED	30	762	60½	1537	21½	546	20	508	41	1041	24	610	2	51	460	209
ESPA12-S	4800	12	305	FLANGED	30	762	60½	1537	21½	546	20	508	41	1041	24	610	2	51	577	262
ESPA14-S	6100	14	356	FLANGED	36	914	78	1981	24½	622	31½	800	46¾	1178	30	762	2	51	850	386
ESPA16-S	8000	16	406	FLANGED	48	1219	108	2743	38	965	40	1016	60	1524	38	965	2	51	1858	843
ESPA18-S	9700	18	457	FLANGED	54	1371	124	3150	41	1041	50	1270	66	1676	44	1118	2	51	2490	1129
ESPA20-S	12000	20	508	FLANGED	60	1524	137	3480	42½	1080	60	1524	72	1829	50	1270	2	51	3346	1518
ESPA22-S	15000	22	559	FLANGED	66	1676	150	3810	46	1168	66	1676	78	1981	56	1422	2	51	3879	1759
ESPA24-S	17000	24	610	FLANGED	66	1676	150	3810	46	1168	66	1676	80	1270	56	1422	2	51	4211	1910

015-2026-02

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans, a vortex type air separator model ESPA-_____ S, with strainer, sized for _____ GPM, with _____ in/mm (NPT/Flanged) tangential connections, as manufactured by Calefactio. The air separator shall be designed in accordance with the latest revisions of the ASME Code for Boilers and Pressure vessels, Section VIII, Division I, and shall be constructed and stamped for 125 PSI working pressure @ 450°F. A blowdown connection shall be provided to facilitate routine cleaning of the unit. Each air separator shall be Calefactio ESPA-_____ S or approved equal.

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