



Submittal Data Information

Tangential Air Separator - 125 PSI

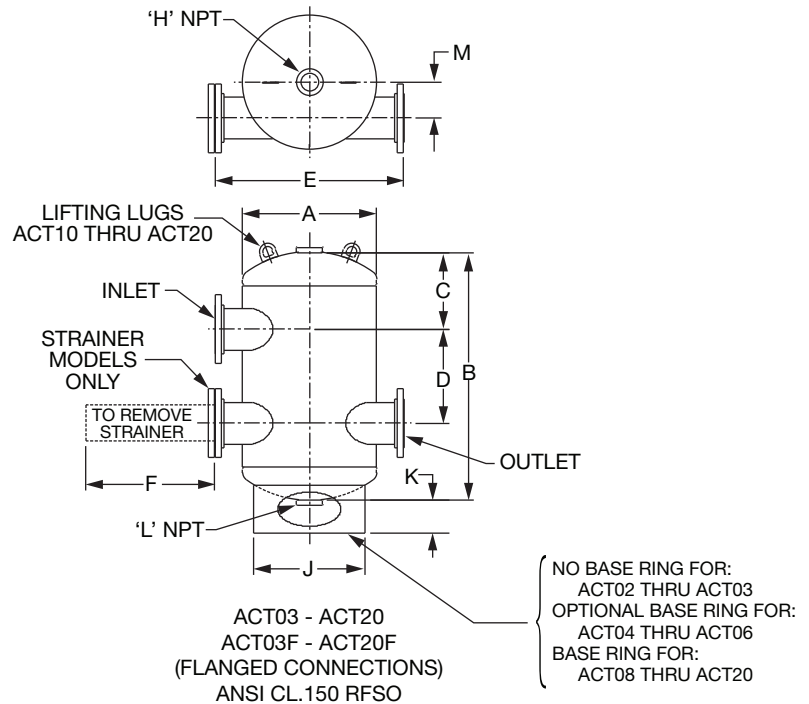
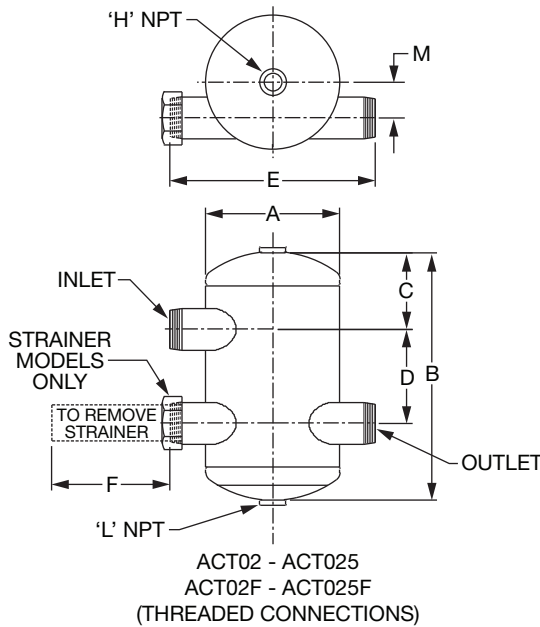
401-022

SUPERSEDES: New

EFFECTIVE: May 12, 2014

JOB _____ ENGINEER _____ CONTRACTOR _____ REP. _____

ITEM	QUANTITY	MODEL NO.	SIZE
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All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

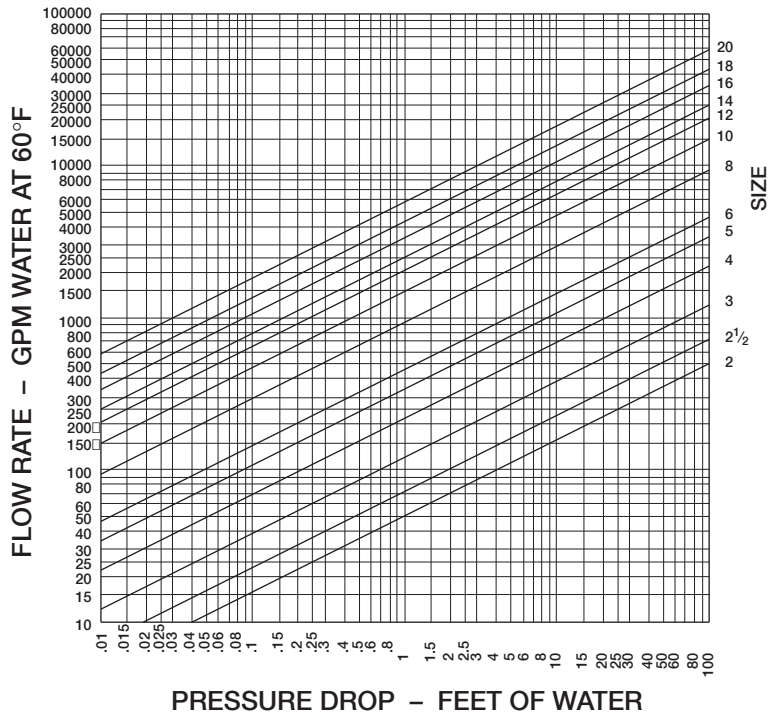
DIMENSIONS

PIPE SIZE	MODEL NUMBER		A	B	C	D	E	F	H	J	K	L	M	OPTIMAL FLOW	APPROXIMATE SHIPPING WEIGHT	
	LESS STRAINER	WITH STRAINER													Lbs	(Kg)
2 (50.8)	ACT02-125	ACT02F-125	12	25 ¹ / ₈	8 ¹ / ₁₆	9	18	18	1 ¹ / ₄	—	—	1 ¹ / ₄	3 ¹ / ₂	104	40 (18.1)	45 (20.4)
2 ¹ / ₂ (63.5)	ACT025-125	ACT025F-125	12	25 ¹ / ₈	8 ¹ / ₁₆	9	18	18	1 ¹ / ₄	—	—	1 ¹ / ₄	3 ¹ / ₂	149	45 (20.4)	50 (22.7)
3 (76.2)	ACT03-125	ACT03F-125	12	25 ¹ / ₈	8 ¹ / ₁₆	9	20	18	1 ¹ / ₄	—	—	1 ¹ / ₄	3 ¹ / ₂	230	70 (31.8)	80 (36.3)
4 (101.6)	ACT04-125	ACT04F-125	16	32	10	12	24	22	1 ¹ / ₄	12	6 ⁵ / ₈	1 ¹ / ₄	4 ³ / ₄	416	105 (47.6)	125 (56.7)
5 (127.0)	ACT05-125	ACT05F-125	16	32	10	12	24	22	1 ¹ / ₄	12	6 ⁵ / ₈	1 ¹ / ₄	4 ³ / ₄	623	115 (52.2)	135 (61.2)
6 (152.4)	ACT06-125	ACT06F-125	20	39 ³ / ₄	12 ⁵ / ₈	14 ¹ / ₂	28	26	1 ¹ / ₄	16	6 ⁵ / ₈	1 ¹ / ₄	5 ¹ / ₂	956	185 (83.9)	235 (106.6)
8 (203.2)	ACT08-125	ACT08F-125	24	52	17	18	32	30	1 ¹ / ₄	20	6 ⁵ / ₈	1 ¹ / ₄	6 ³ / ₄	1666	315 (142.9)	430 (195.0)
10 (254.0)	ACT10-125	ACT10F-125	30	58	18	22	41	40	1 ¹ / ₄	24	7 ⁷ / ₈	1 ¹ / ₄	8 ⁷ / ₁₆	2635	520 (235.9)	660 (299.4)
12 (304.8)	ACT12-125	ACT12F-125	30	64	19	26	41	40	1 ¹ / ₄	24	7 ⁷ / ₈	1 ¹ / ₄	7 ⁷ / ₁₆	3749	600 (272.2)	800 (362.9)
14 (355.6)	ACT14-125	ACT14F-125	36	75 ¹ / ₂	22	31 ¹ / ₂	47	46	1 ¹ / ₄	30	7 ⁷ / ₈	1 ¹ / ₄	9 ¹³ / ₁₆	4298	825 (374.2)	1080 (489.9)
16 (406.4)	ACT16-125	ACT16F-125	48	98 ¹ / ₂	29 ¹ / ₄	40	60	59	1 ¹ / ₄	40	8 ¹ / ₂	1 ¹ / ₄	14 ³ / ₄	5693	1550 (703.1)	1870 (848.2)
18 (457.2)	ACT18-125	ACT18F-125	54	113	31 ¹ / ₂	50	66	65	2	44	9 ⁵ / ₈	2	16 ⁵ / ₈	7496	2430 (1102.2)	2820 (1279.1)
20 (508.0)	ACT20-125	ACT20F-125	60	135	37 ¹ / ₂	60	72	70	2	50	10	2	18 ⁵ / ₈	9307	3660 (1660.1)	4150 (1882.4)

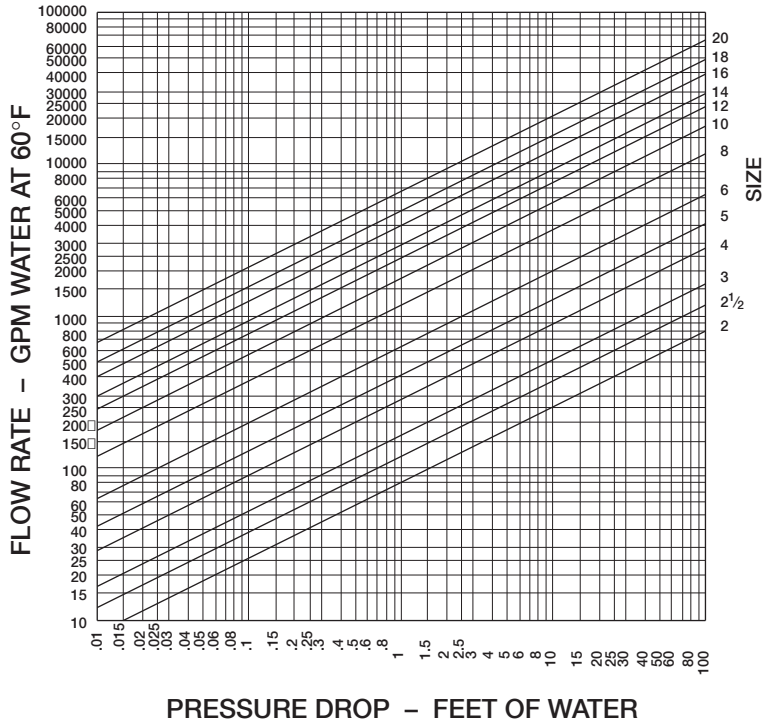
Designed and Constructed per ASME Section VIII Division 1.
 Maximum Design Pressure and Operating Temperature: 125 PSI @ 375°F
 Materials of Construction: Carbon Steel with Optional 304SS Strainer
 Exterior Finish: Red Oxide Primer
 Larger Sizes Available. Please Consult Factory.

AIR SEPARATOR PRESSURE DROP CHARTS TANGENTIAL AIR SEPARATORS

AIR SEPARATOR WITH STRAINER



AIR SEPARATOR WITHOUT STRAINER



Do it Once. Do it Right.®

TACO, INC., 1160 Cranston Street, Cranston, RI 02920 Telephone: (401) 942-8000 FAX: (401) 942-2360.
TACO (Canada), Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8. Telephone: 905/564-9422. FAX: 905/564-9436.

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