



Submittal Data Information

Tangential Air Separator - 150 PSI

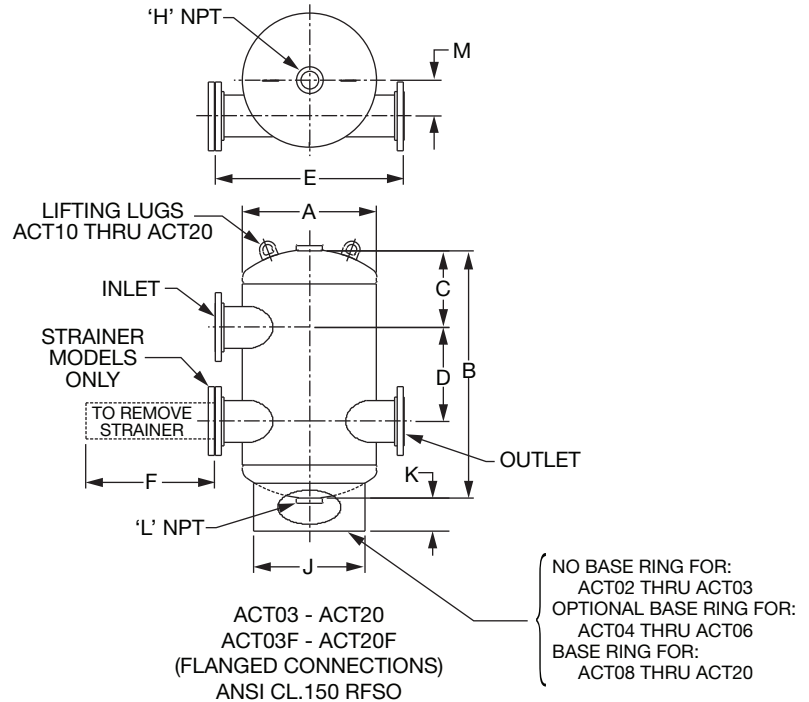
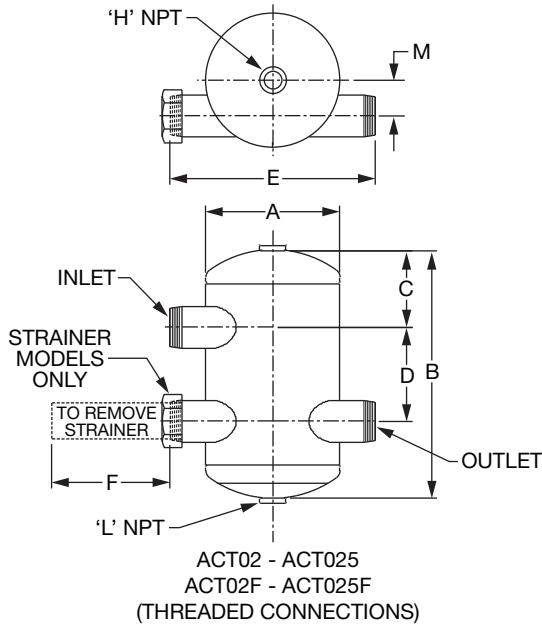
401-099

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.

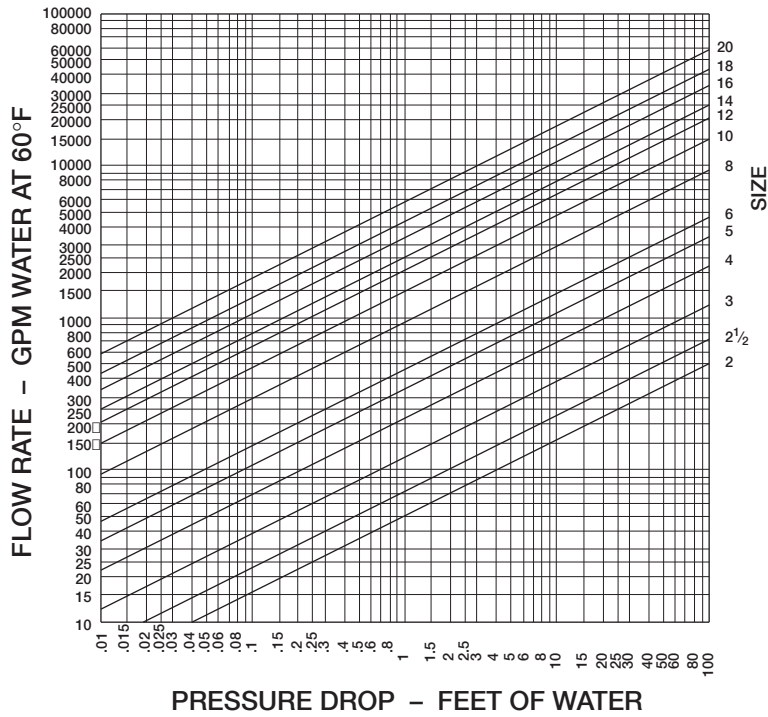
DIMENSIONS

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)	ACT02-150	ACT02F-150	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)	ACT025-150	ACT025F-150	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)	ACT03-150	ACT03F-150	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)	ACT04-150	ACT04F-150	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)	ACT05-150	ACT05F-150	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)	ACT06-150	ACT06F-150	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)	ACT08-150	ACT08F-150	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)	ACT10-150	ACT10F-150	30	58	18	22	41	40	1 ¹ / ₄	24	7 ⁷ / ₈	1 ¹ / ₄	8 ⁷ / ₁₆	2635	675 (306.2)	860 (390.1)
12 (304.8)	ACT12-150	ACT12F-150	30	64	19	26	41	40	1 ¹ / ₄	24	7 ⁷ / ₈	1 ¹ / ₄	7 ⁷ / ₁₆	3749	780 (353.8)	1040 (471.7)
14 (355.6)	ACT14-150	ACT14F-150	36	75 ¹ / ₂	22	31 ¹ / ₂	47	46	1 ¹ / ₄	30	7 ⁷ / ₈	1 ¹ / ₄	9 ¹³ / ₁₆	4298	1075 (487.6)	1405 (637.3)
16 (406.4)	ACT16-150	ACT16F-150	48	98 ¹ / ₂	29 ¹ / ₄	40	60	59	1 ¹ / ₄	40	8 ¹ / ₂	1 ¹ / ₄	14 ³ / ₄	5693	2015 (914.0)	2430 (1102.2)
18 (457.2)	ACT18-150	ACT18F-150	54	113	31 ¹ / ₂	50	66	65	2	44	9 ⁵ / ₈	2	16 ⁵ / ₈	7496	3160 (1433.4)	3670 (1664.7)
20 (508.0)	ACT20-150	ACT20F-150	60	135	37 ¹ / ₂	60	72	70	2	50	10	2	18 ⁵ / ₈	9307	4760 (2159.1)	5400 (2449.4)

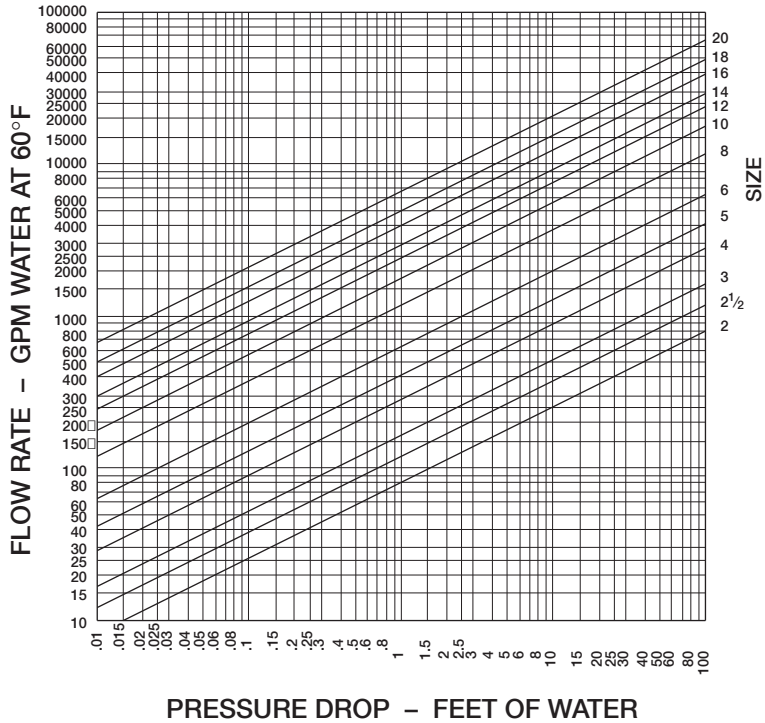
Designed and Constructed per ASME Section VIII Division 1.
 Maximum Design Pressure and Operating Temperature: 150 PSI @ 375°F
 Materials of Construction: Carbon Steel with Optional 304SS Strainer
 Exterior Finish: Red Oxide Primer
 Larger Sizes Available. Please Consult Factory.

AIR SEPARATOR PRESSURE DROP CHARTS TANGENTIAL AIR SEPARATORS

AIR SEPARATOR WITH STRAINER



AIR SEPARATOR WITHOUT STRAINER



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