

Submittal Data Information

Tangential Air Separator - 125 PSI

401-022

SUPERSEDES: November 24, 2014

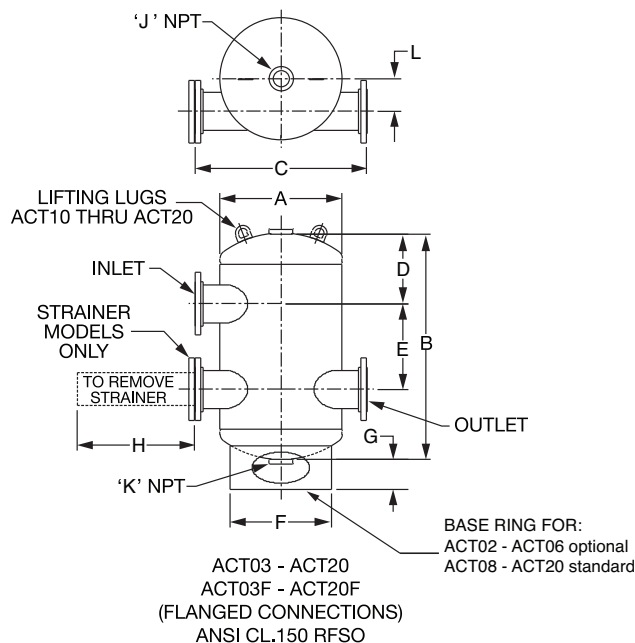
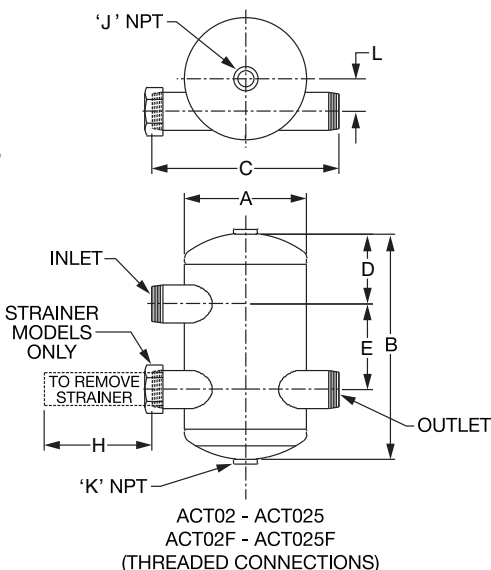
EFFECTIVE: April 6, 2016

JOB _____ ENGINEER _____ CONTRACTOR _____ REP. _____

ITEM	QUANTITY	MODEL NO.	SIZE
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SPECIFICATIONS & OPTIONS

- Designed and constructed per ASME Code 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.



SIZES & DIMENSIONS

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.

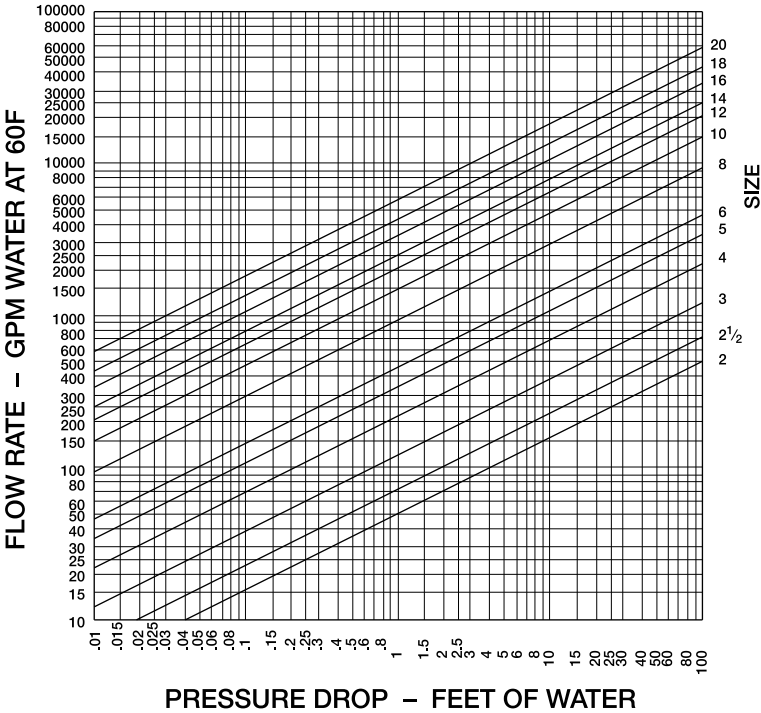
PIPE SIZE	MODEL NUMBER		A	B	C	D	E	F	G	H	J	K	L	OPTIMAL FLOW	APPROXIMATE SHIPPING WEIGHT Lbs (Kg)	
inch (mm)	LESS STRAINER	WITH STRAINER	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	GPM	LESS STRAINER	WITH STRAINER
2 (50.8)	ACT02-125	ACT02F-125	12	25 ¹ / ₈	18	8 ¹ / ₁₆	9	—	—	18	1 ¹ / ₄	1 ¹ / ₄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

COMMENTS: _____



AIR SEPARATOR PRESSURE DROP CHARTS
TANGENTIAL AIR SEPARATORS

AIR SEPARATOR WITH STRAINER



AIR SEPARATOR WITHOUT STRAINER

