

## Flanged In-Line Air Separator – 125 psi

SUPERSEDES: October 8, 2014

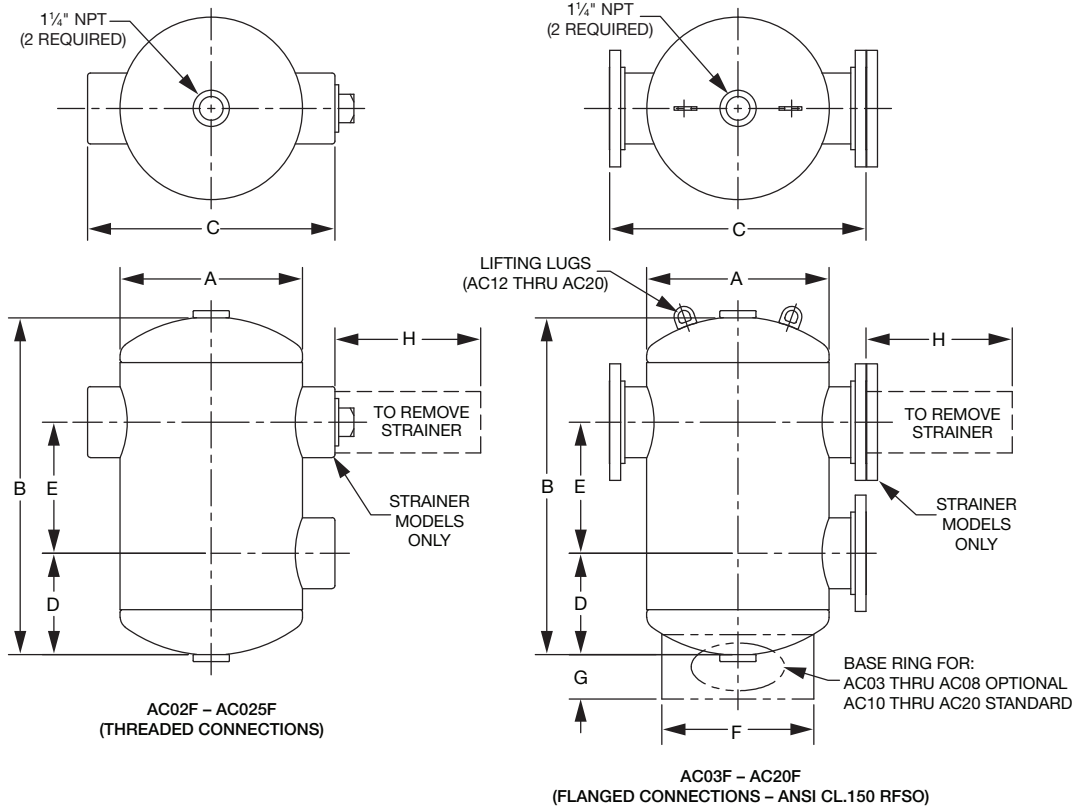
EFFECTIVE: November 24, 2015

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

ITEM	LOCATION	MODEL	QUANTITY	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 DIA. (INCH)	B MAX. (INCH)	C (INCH)	D (INCH)	E (INCH)	F DIA. (INCH)	G (INCH)	H (INCH)	OPTIMUM FLOW (GPM)	STRAINER FREE AREA (INCH <sup>2</sup> )	Cv FACTOR		APPROXIMATE DRY WEIGHT (LBS.)	
	LESS STRAINER	WITH STRAINER											LESS STRAINER	WITH STRAINER	LESS STRAINER	WITH STRAINER
2	AC02-125	AC02F-125	12	22 <sup>1</sup> / <sub>8</sub>	14	7 <sup>9</sup> / <sub>16</sub>	7	—	—	13	104	31	86	72	40	45
2½	AC025-125	AC025F-125	12	22 <sup>1</sup> / <sub>8</sub>	14	7 <sup>9</sup> / <sub>16</sub>	7	—	—	13	149	38	122	102	40	45
3	AC03-125	AC03F-125	14	27 <sup>1</sup> / <sub>4</sub>	24	8	11 <sup>1</sup> / <sub>4</sub>	12	6 <sup>3</sup> / <sub>4</sub>	22	230	51	190	162	90	110
4	AC04-125	AC04F-125	16	31 <sup>3</sup> / <sub>8</sub>	26	9 <sup>5</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>4</sub>	12	7	24	416	80	325	272	115	145
5	AC05-125	AC05F-125	16	32 <sup>1</sup> / <sub>2</sub>	26	9 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	12	7	24	623	112	510	422	130	165
6	AC06-125	AC06F-125	20	36 <sup>7</sup> / <sub>8</sub>	30	11 <sup>1</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	16	6 <sup>3</sup> / <sub>4</sub>	27	956	180	750	618	170	215
8	AC08-125	AC08F-125	20	45 <sup>1</sup> / <sub>2</sub>	30	14 <sup>1</sup> / <sub>16</sub>	17 <sup>3</sup> / <sub>8</sub>	16	6 <sup>3</sup> / <sub>4</sub>	27	1666	246	1260	1060	270	345
10	AC10-125	AC10F-125	24	47 <sup>3</sup> / <sub>4</sub>	36	14 <sup>15</sup> / <sub>16</sub>	17 <sup>7</sup> / <sub>8</sub>	20	6 <sup>3</sup> / <sub>4</sub>	32	2635	392	2000	1670	350	465
12	AC12-125	AC12F-125	30	59 <sup>3</sup> / <sub>4</sub>	42	17 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>2</sub>	24	7 <sup>7</sup> / <sub>8</sub>	37	3749	548	2900	2400	600	775
14	AC14-125	AC14F-125	36	68 <sup>1</sup> / <sub>2</sub>	48	20 <sup>3</sup> / <sub>4</sub>	27	30	7 <sup>7</sup> / <sub>8</sub>	44	4298	732	3500	2850	805	1035
16	AC16-125	AC16F-125	36	75 <sup>1</sup> / <sub>2</sub>	48	22 <sup>1</sup> / <sub>4</sub>	31	30	7 <sup>7</sup> / <sub>8</sub>	43	5693	845	4600	3800	875	1150
18	AC18-125	AC18F-125	48	84 <sup>1</sup> / <sub>4</sub>	64	24 <sup>5</sup> / <sub>8</sub>	35	40	7 <sup>7</sup> / <sub>8</sub>	56	7496	1290	5900	4900	1550	1900
20	AC20-125	AC20F-125	48	91	64	26	39	40	8 <sup>3</sup> / <sub>8</sub>	56	9307	1435	7400	6200	1700	2150

COMMENTS: \_\_\_\_\_