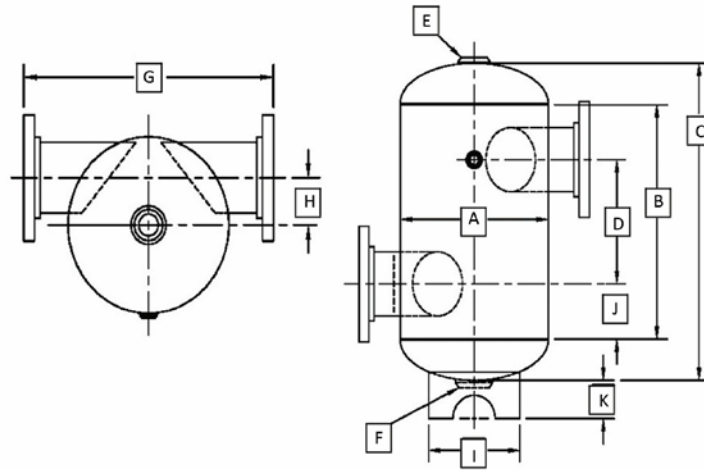


TANGENTIAL AIR SEPARATORS

SUBMITTAL DATA



Model Number	MAWP	Inlet/Outlet Size & Type		A DIA		B DIM		C Overheads		D Dim.	E Dim.	F Dim.	G Dim.	H Dim.	I Dim.	J Dim.	K Dim.	EST Weight
		PSIG	IN	TYPE	IN	MM	IN	IN	MM	IN	IN	IN	IN	IN	IN	IN	IN	IN
TAS-2	150	2	NPT	12	305	13	19 ½	495	8	1 ¼	1	16 ¾	4 ¼	9 ½	2 ½	3	35	
TAS-2 ½	150	2 ½	NPT	12	305	13	19 ½	495	8	1 ¼	1	16 ¾	4 ¾	9 ½	2 ½	3	35	
TAS-3	150	3	FLG	12	305	13	19 ½	495	8	1 ¼	1	19 ¾	3 ¾	9 ½	2 ½	2 ¾	70	
TAS-4	150	4	FLG	14	356	20 ¼	27 ½	699	10 ¾	1 ½	2	21 ¾	4 ¾	11 ½	4 ¾	3	80	
TAS-5	150	5	FLG	14	356	20 ¼	27 ½	699	10 ¾	2	2	21 ¾	3 ¾	11 ½	4 ¾	3	100	
TAS-6	150	6	FLG	20	508	29	40	1016	14 ½	2	2	28	6 ¼	18	7 ¼	2 ¼	180	
TAS-8	150	8	FLG	20	508	29	40	1016	14 ½	2	2	28	5 ¼	18	7 ¼	2 ¼	210	
TAS-10	150	10	FLG	30	762	39	55 ¾	1416	19	2	2	41	9 ¾	24	8 ¾	2 ¾	560	
TAS-12	150	12	FLG	30	762	42	58 ¾	1492	21	2	2	41	8 ¾	24	8 ¾	2 ¾	615	
TAS-14	125	14	FLG	36	914	58	78 ¾	1981	31 ½	2	2	46 ¾	10 ¼	30	13 ¾	2 ¾	950	
TAS-16	125	16	FLG	42	1067	72	96	2438	36	2	2	46 ¾	12 ½	30	18	3	1435	
TAS-18	125	18	FLG	48	1219	77	103 ¾	2635	41	2	2	61 ½	13 ¾	42	18	2 ¾	1775	
TAS-20	125	20	FLG	54	1372	85 ½	115	2921	45	2	2	66	16	48	20 ¼	2 ¾	2530	
TAS-24	125	24	FLG	66	1676	92 ½	130	3302	47 ½	2	2	78	19	60	22 ¼	3	4900	

For system strainer add -S to the model number.

Dimensions are subject to change

SPECIFICATIONS

- Designed and built in accordance with the ASME Code Section VIII, Division I
- Maximum design temperature: 375°F
- Installation: Vertical
- Shell: Carbon steel with exterior gray primer finish
- System Connections: MNPT for 2" and 2 ½" sizes; flanged for 3" and larger, optional grooved connections available
- Sizes 2" through 8" can be supported in the piping system if the piping system hangers are located under the inlet and outlet nozzles as close as possible to the outside diameter of the shell of the unit. Larger sizes require additional structural supports located under the separator.

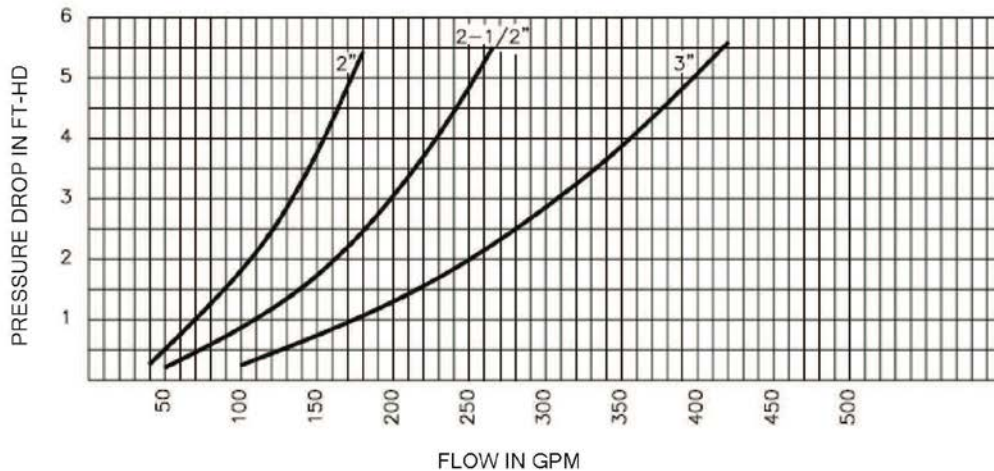
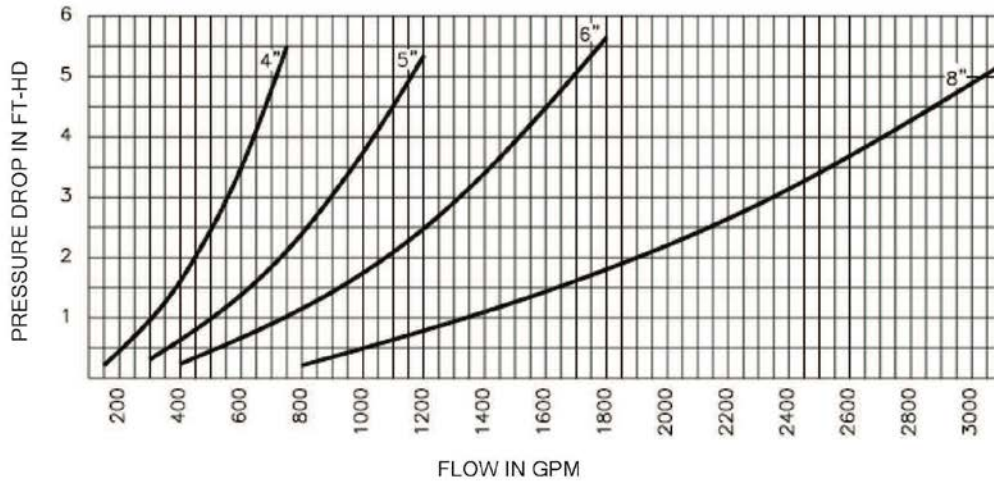
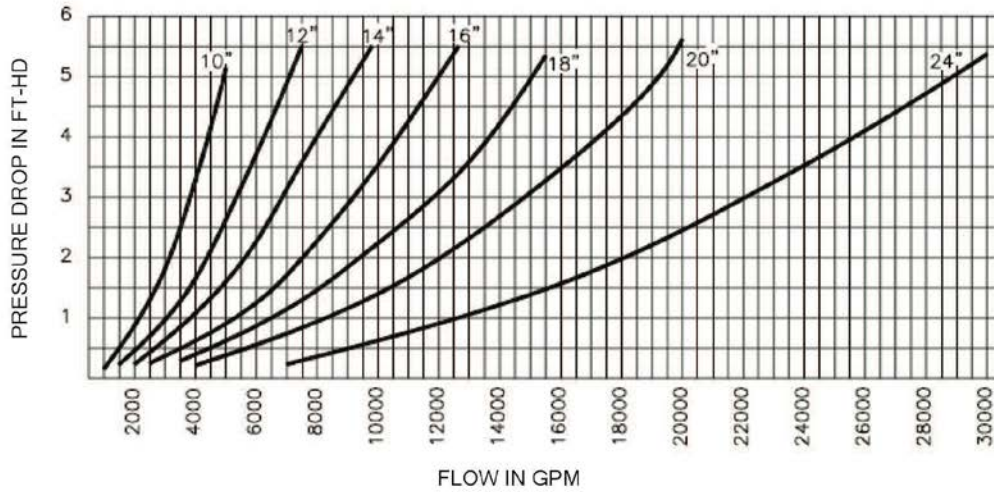
Furnish and install Model TAS-_____ ASME stamped tangential air separator as manufactured by **Penn Pump and Equipment Company, Inc.** The unit shall have _____" flanged/NPT system connections. The unit shall be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division I.

SPECIFY WITH CONFIDENCE, SPECIFY PENN PUMP SYSTEMS

TANGENTIAL AIR SEPARATORS

SUBMITTAL DATA

SERIES TAS PRESSURE DROP CHART: WITHOUT STRAINER

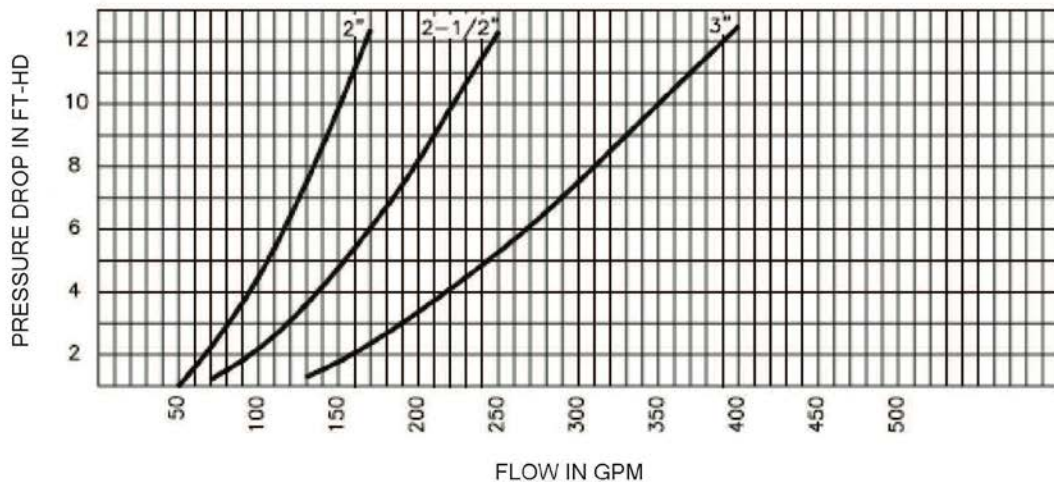
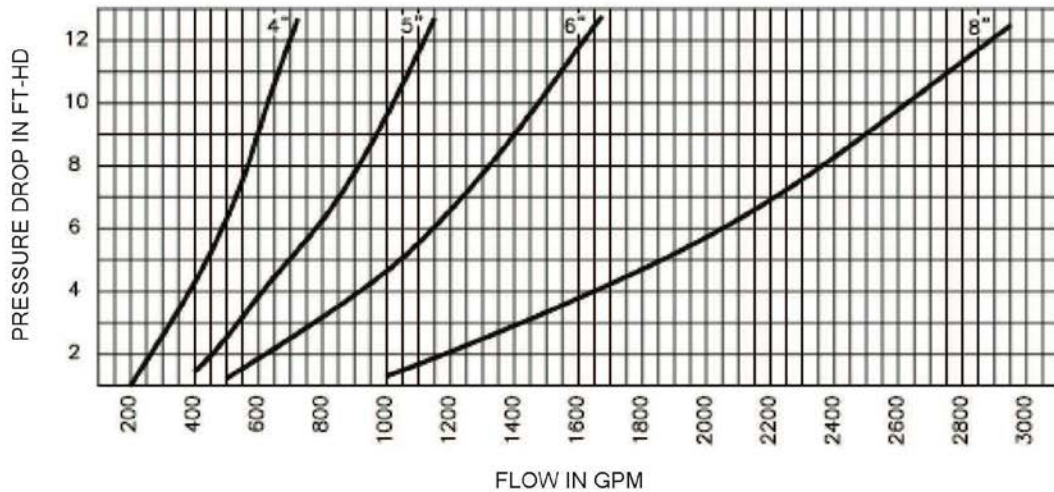
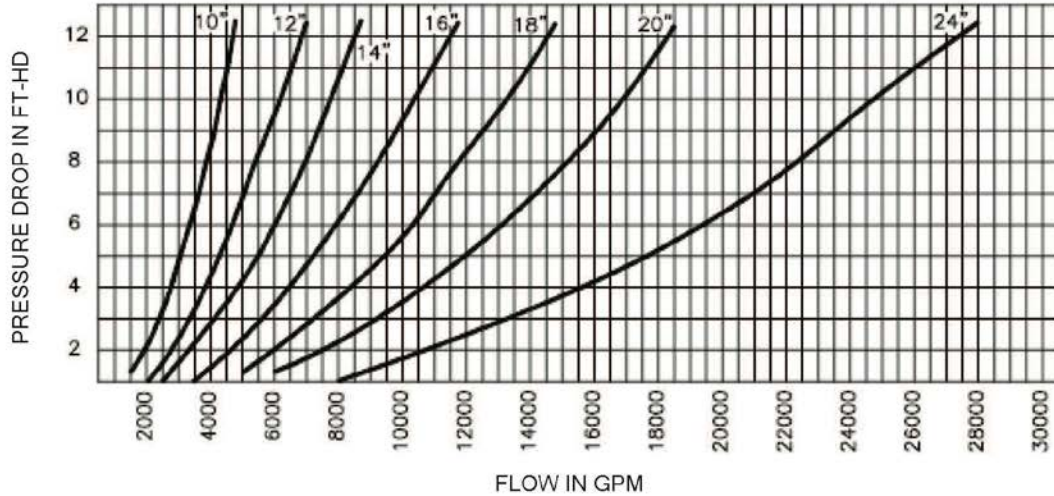


SPECIFY WITH CONFIDENCE, SPECIFY PENN PUMP SYSTEMS

TANGENTIAL AIR SEPARATORS

SUBMITTAL DATA

SERIES TAS PRESSURE DROP CHART: WITH STRAINER



SPECIFY WITH CONFIDENCE, SPECIFY PENN PUMP SYSTEMS