



HYDRONICS SECTION

ASME Tangential Air Separator (with strainer)

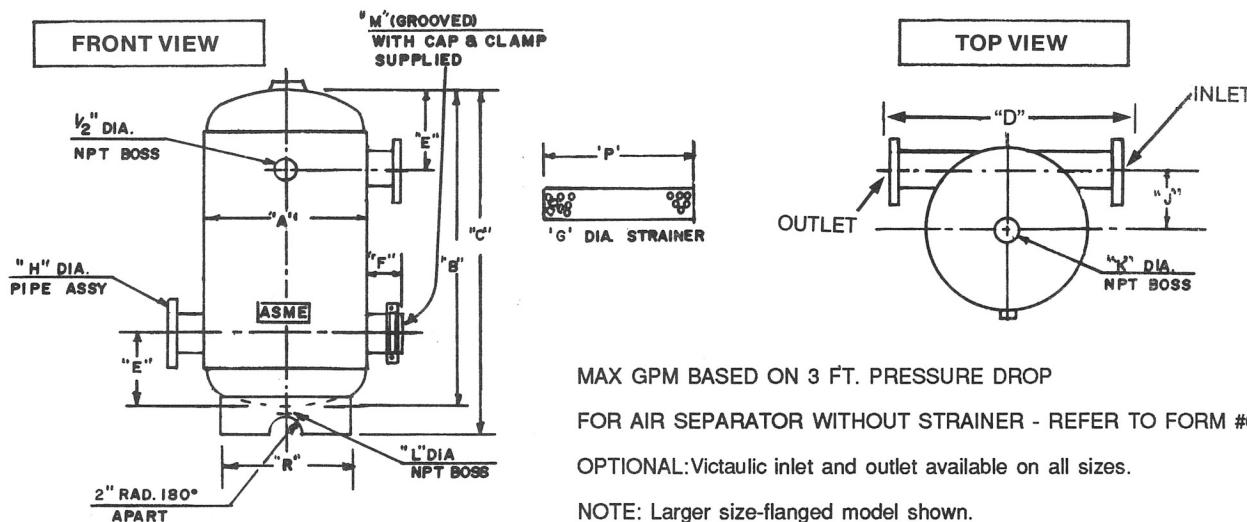
Features

- ASME Constructed and Stamped
- 125 PSIG design pressure
- 500° F maximum operating temperature
- Carbon Steel Construction—Painted red oxide
- Tangential design results in smaller unit requirement than straight flow separator
- Provides air free fluid flow which protects against damage and system noise
- Helps prevent waterlogged compression tanks
- Stainless steel strainer
- Victaulic access to strainer for quick cleaning
- 2" and 2½" Pipe sizes are NPT
- 3" and larger Pipe sizes are flanged
- 2" and 2½" strainer access is Pipe Cap



ASME TANGENTIAL AIR SEPARATOR
(with STRAINER)

DIMENSIONS



MODEL NO.	A	B	C	D	E	F	G STRAINER	H	J	K	L	M DIA. PIPE	P	R	WGT.	MAX GPM
2S-W/S	12	19½	22½	16¾	5½	2½	2	2	4½	1¼	1	2	16½	9½	49	80
2.5S-W/S	12	19½	22½	16¾	5½	2¾	2½	2½	4½	1¼	1	2½	16½	9½	64	130
3S-W/S	12	19½	22½	19¾	5¾	2½	3	3	3¾	1¼	1	3	17½	9½	69	190
4S-W/S	14	29	32	21¾	9½	2½	4	4	4¼	1½	2	4	19½	11½	111	330
5S-W/S	14	29	32	21¾	9½	2½	5	5	3¾	1½	2	5	19¾	11½	138	550
6S-W/S	20	41	44	28	13¼	2½	6	6	6¼	2	2	6	25	18	236	900
8S-W/S	20	41	44	28	13¼	3	8	8	5½	2	2	8	29	18	359	1500
10S-W/S	30	58	60½	41	19	3½	10	10	9½	2	2	10	25½	24	663	2600
12S-W/S	30	58	60½	41	19	3½	12	12	8½	2	2	12	26½	24	747	3400
14S-W/S	36	75½	78	46¾	22	3½	14	14	10½	2	2	14	42½	30	1493	4700

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SUBMITTAL DATA

Date: _____

Submitted by: _____

Project: _____

MEPCO Product Number: _____

Special Instructions: _____

Architect: _____

Engineer: _____

Contractor: _____

TYPICAL SPECIFICATION

Furnish and install as shown on plans a tangential air separation unit consisting of a steel tank _____" diameter X _____" long.

The unit shall have _____" (NPT/flanged) tangential inlet and outlet connections. A removable stainless steel system strainer with 1/4" diameter perforations on 5/16" staggered centers and victaulic access shall be provided on specified product numbers.

When a strainer is specified, installer shall remove and clean strainer after 24 hours operation and after 30 days operation. A blowdown connection shall be provided to facilitate routine cleaning of the unit.

Unit must be constructed in accordance with ASME boiler and pressure vessel code and "U" stamped for 125 PSIG design pressure.

Each air separator shall be MEPCO product no. _____ or equal.

REPRESENTED BY:

