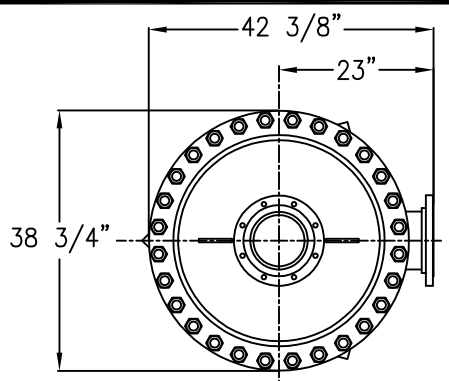


APP'L	DATE	LVL	ECN
	07-13-00	B	N0953

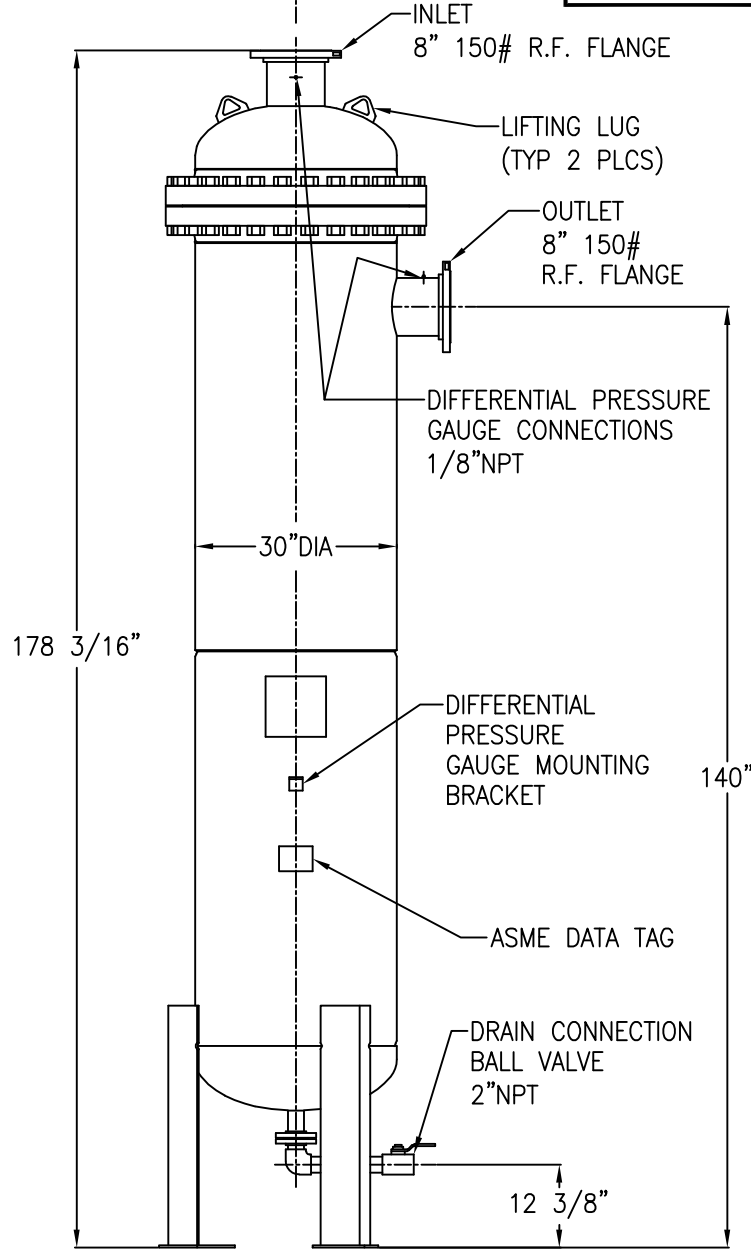


FLOW MULTIPLIERS (PRESSURE CORRECTION)

ACTUAL PRESSURE (PSIG)	50	60	70	80	90	100	110	120	130	140	150
X FLOW AT 100 PSIG	.56	.65	.74	.83	.91	1.00	1.09	1.17	1.26	1.35	1.44

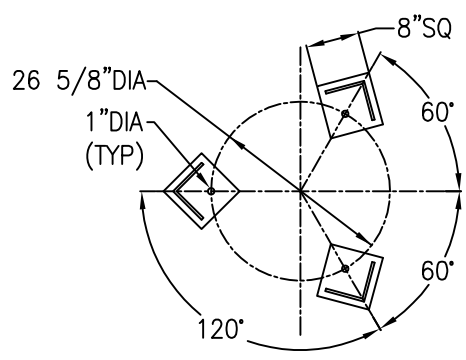
FLOW MULTIPLIERS (TEMPERATURE CORRECTION)

ACTUAL TEMPERATURE (°F)	50	75	100	125	150	175	200	250	300
FLOW AT 100°F	1.10	1.05	1.00	.96	.92	.88	.85	.79	.74



NOTES:

- 1) VESSEL BUILT TO ASME CODE PLUS CURRENT ADDENDA.
- 2) VESSEL STAMPED "U" SYMBOL.
- 3) CORROSION ALLOWANCE: .0625".
- 4) OPERATING PRESSURE RANGE: 50-150 PSIG.
- 5) MAXIMUM OPERATING TEMPERATURE: 300°F.
- 6) VESSEL APPROXIMATE WEIGHT: 2730 LBS.
- 7) ELEMENT APPROXIMATE WEIGHT: 400 LBS.
- 8) ELEMENT IS SHIPPED SEPARATELY. (MODEL #EVME-7500)
- 9) VESSEL CAPACITY: 426.46 GALLONS.
- 10) VESSEL VOLUME: 57.01 CUBIC FEET.
- 11) ALL FLANGE BOLT HOLES STRADDLE CENTERLINES.
- 12) VESSEL EXTERIOR PAINTED WHITE ENAMEL.
- 13) RATED FLOW: 7500 SCFM @ 100 PSIG, 100°F (SEE FLOW MULTIPLIERS FOR PRESSURES OTHER THAN 100 PSIG AND TEMPERATURES OTHER THAN 100°F).
- 14) ELEMENT PRESSURE DROP WILL BE LESS THAN 1 PSID AT INITIAL STARTUP. REPLACE ELEMENT WHEN PRESSURE DROP REACHES 3 PSID.
- 15) DO NOT REVERSE FLOW THE ELEMENT.
- 16) ELEMENT EFFICIENCY: 100% FOR PARTICLES OVER 3 MICRON, 99.5% FOR PARTICLES 3 MICRON AND LESS.
- 17) MAXIMUM MIST CARRYOVER: < 1 PPM. (ASSUMING AN INLET LOADING OF < 200 PPM).



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MIST ELIMINATOR  
VME-7500

P/N 84-0839

DRWN BY: JMK	DATE: 07-13-00	DRWG No.	REV
CHECKED:	SCALE: NONE	SD-13246	B

APPL: **VAN AIR SYSTEMS INC**  
 Lake City, PA 16423 (814)774-2631 Fax: 814/774-3482 Telex: 91-4548