

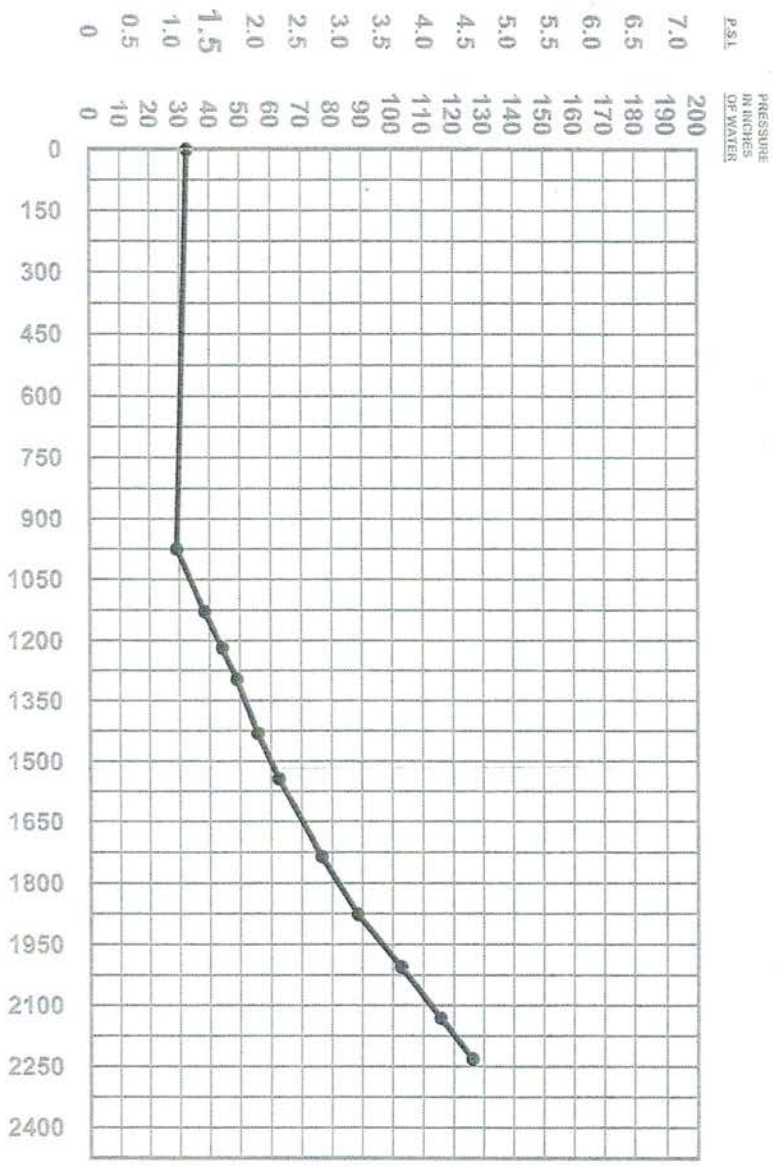


**ELECTROMECHANICAL  
RESEARCH LABORATORIES, INC.**  
P.O. BOX 1026, NEW ALBANY, IN 47151

DATE: 5/5/03  
TOLERANCE:  
0.0 = +/- 0.030  
0.000 = +/- 0.015  
0.000 = +/- 0.005

DRAWN: D. URBAN  
APPROVED:  
SCALE:  
JOB NO.:

PART NAME: Flow Curve, 1.5 PSI, Pressure  
UNIT NAME: Marine 6" PV (MD II)  
DWG. NO.: 125O125B  
ITEM NO.:



**Curve for Pressure Side  
6" PV Valve - 1.5 PSI**  
data based on air flow

BARRELS PER HOUR	FLOW FT <sup>3</sup> /MIN.	PRESSURE IN. OF H <sub>2</sub> O
10418	974	29.2
12054	1127	38.6
13017	1217	44.2
13862	1296	49.0
15295	1430	55.8
16493	1542	62.6
18547	1734	76.6
20066	1876	88.5
21435	2004	102.8
22783	2130	115.8
23852	2230	126.3



**ELECTROMECHANICAL  
RESEARCH LABORATORIES, INC.**  
P.O. BOX 10288, NEW ALBANY, IN 47151

DATE  
**11/28/01**

DRAWN  
**D. URBAN**

PART NAME  
**Flow Curve, 0.5 PSI, Vacuum**

TOLERANCE:  
0.00 = +/- 0.030  
0.000 = +/- 0.015  
0.000 = +/- 0.005

APPROVED

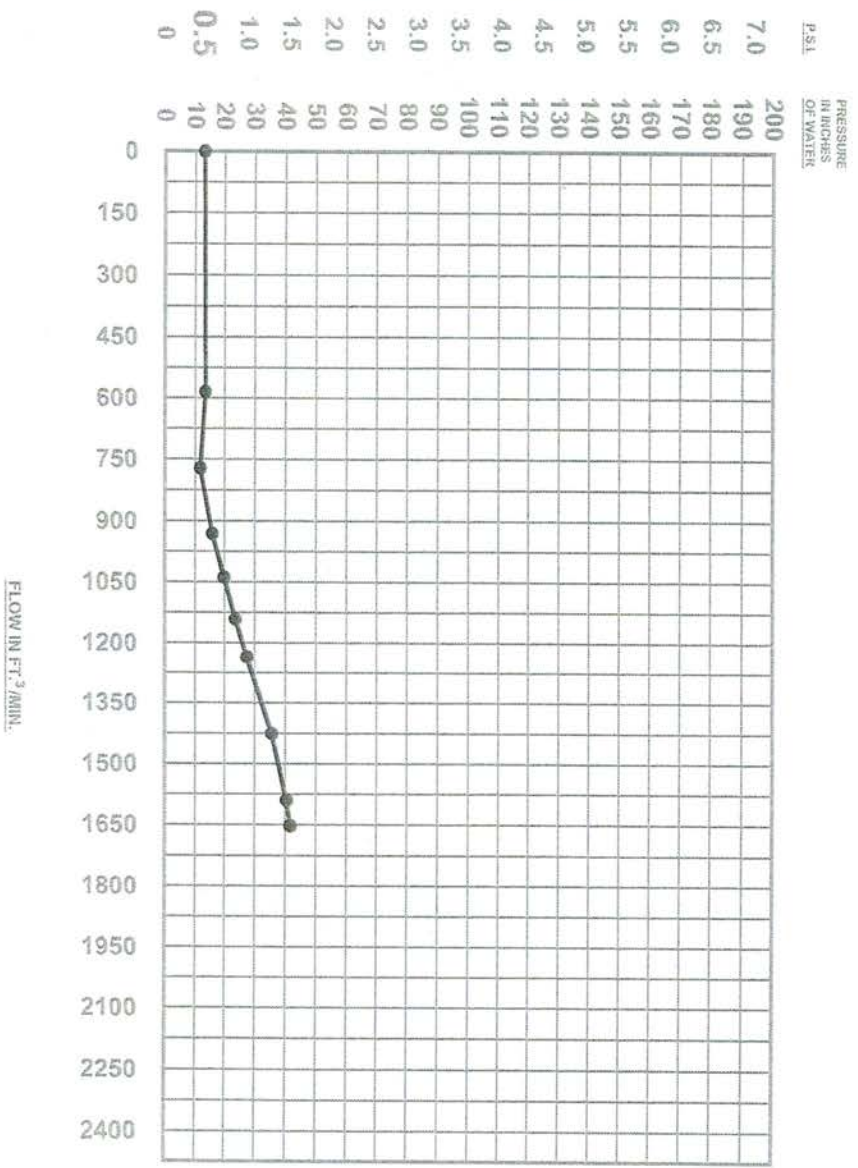
SCALE

JOB NO.

UNIT NAME  
**Marine 6" PV (MD II)**

DWG. NO.  
**332M075B**

ITEM NO.



BARRELS PER HOUR	FLOW FT. <sup>3</sup> /MIN.	PRESSURE IN. OF H <sub>2</sub> O
6260	585	13.6
8256	772	11.8
9958	931	16.0
11100	1038	19.9
12197	1141	23.7
13207	1235	27.5
15252	1426	35.5
17003	1590	40.4
17674	1653	41.7

Curve for Vacuum Side 6" PV Valve - 0.5 PSI data based on air flow		
6260	585	13.6
8256	772	11.8
9958	931	16.0
11100	1038	19.9
12197	1141	23.7
13207	1235	27.5
15252	1426	35.5
17003	1590	40.4
17674	1653	41.7