

## FLOW CAPACITIES FOR VAL-MATIC<sup>®</sup> PRIMING VALVES

PRESSURE DIFFERENTIAL ACROSS ORIFICE INCHES HG*	RATE OF FLOW IN SCFM			
	NO. 38P PRIMING VALVE		NO. 45P PRIMING VALVE	
	ORIFICE 3/16	ORIFICE 5/16	ORIFICE 23/64	ORIFICE 1/2
	C.W.P. 150	C.W.P. 75	C.W.P. 150	C.W.P. 75
.5	1.4	3.5	5.0	10.0
1	1.9	4.8	7.5	13.5
2	2.4	7.3	10.5	17.0
3	2.6	8.3	11.5	21.0
4	3.0	10.0	14.0	24.0
5	3.3	11.0	15.0	27.0
6	3.6	11.5	16.5	30.0
7	3.9	13.0	18.0	32.0
8	4.2	13.5	19.0	34.0
9	4.4	14.0	20.5	36.0
10	4.6	15.0	22.0	39.0
11	4.8	16.0	23.0	40.0
12	5.0	16.5	23.8	42.0
13	5.3	17.0	24.6	43.0
14	5.5	17.7	25.6	45.0
15	5.7	18.5	26.5	47.5
16	5.8	19.0	27.0	48.5
17	6.0	19.5	28.0	50.0
18	6.2	20.0	29.0	52.0
19	6.5	20.7	30.0	53.0
20	6.6	21.3	30.5	55.0
21	6.8	21.8	31.4	56.0
22	6.9	22.3	32.0	57.0
23	7.0	23.0	32.7	58.0
24	7.2	23.5	33.5	60.0
25	7.4	24.0	34.0	61.0
26	7.7	24.3	35.0	62.0
27	7.9	25.0	36.0	64.0
28	8.0	25.6	36.8	65.0
29	8.1	26.0	37.3	67.0

\*HG = Mercury

Revised 7-15-02

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DATE 1-26-94

**VAL-MATIC<sup>®</sup>**

VALVE AND MANUFACTURING CORP.

DRWG. NO.

**SS-2014**