



Miller Plastics Eductor Capacity Chart

*** SUCTION CAPACITY OF STANDARD 1" EDUCTOR - GPM**

SUCTION LIFT	DISCHARGE	WATER	OPERATING WATER PRESSURE - PSI GAUGE									
FT. OF WATER	PRESSURE	CONSUMPTION GPM		10	20	30	40	50	60	80	100	
0		0	SUCTION OPERATING	5.85 3.55	8.1 5.0	9.5 6.1	10.0 7.1	12.0 7.9	12.0 8.7	12.0 10.0	12.0 11.0	
		5	SUCTION OPERATING		1.4 4.9	4.1 6.1	6.0 7.0	8.0 7.9	10.0 8.6	11.0 10.0	12.0 11.0	
		10	SUCTION OPERATING			0.28 5.9	2.3 6.8	4.8 7.8	6.4 8.5	8.8 9.8	11.0 11.0	
		15	SUCTION OPERATING					1.2 7.7	3.4 8.4	5.9 9.8	8.6 11.0	
		20	SUCTION OPERATING						0.3 8.2	3.5 9.7	5.9 11.0	
		25	SUCTION OPERATING							0.83 9.6	3.9 11.0	
		30	SUCTION OPERATING								1.7 11.0	
5		0	SUCTION OPERATING	4.4 3.9	6.8 5.3	8.6 6.4	9.6 7.3	11.0 8.1	11.0 8.8	12.0 10.0	12.0 11.0	
		5	SUCTION OPERATING		1.5 5.2	3.2 6.3	5.0 7.2	7.0 8.0	9.0 8.7	11.0 10.0	11.0 11.0	
		10	SUCTION OPERATING				1.9 7.1	3.6 7.9	5.6 8.6	8.6 10.0	10.0 11.0	
		15	SUCTION OPERATING					1.1 7.8	2.6 8.6	5.8 9.9	8.3 11.0	
		20	SUCTION OPERATING							3.3 9.8	5.6 11.0	
		25	SUCTION OPERATING							0.47 9.8	3.6 11.0	
		30	SUCTION OPERATING								1.5 11.0	
10		0	SUCTION OPERATING	2.0 4.2	4.6 5.5	6.7 6.6	8.3 7.4	9.0 8.2	10.0 9.0	10.0 10.0	10.0 11.0	
		5	SUCTION OPERATING			2.0 6.5	4.3 7.4	5.9 8.2	7.7 8.9	9.9 10.0	10.0 11.0	
		10	SUCTION OPERATING				1.1 7.3	3.0 8.1	4.5 8.8	8.1 10.0	9.6 11.0	
		15	SUCTION OPERATING					1.1 8.0	2.1 8.7	5.6 10.0	7.3 11.0	
		20	SUCTION OPERATING							2.8 9.9	5.3 11.0	
		25	SUCTION OPERATING								2.8 11.0	
		30	SUCTION OPERATING								1.1 11.0	
15		0	SUCTION OPERATING		3.3 5.7	5.3 6.8	7.9 7.6	8.4 8.4	8.9 9.1	8.9 10.0	9.1 12.0	
		5	SUCTION OPERATING				4.0 7.6	4.9 8.3	7.3 9.0	8.6 10.0	9.1 11.0	
		10	SUCTION OPERATING					2.4 8.2	4.0 9.0	6.4 10.0	8.6 11.0	
		15	SUCTION OPERATING							4.2 10.0	6.8 11.0	
		20	SUCTION OPERATING							2.1 10.0	4.5 11.0	
		25	SUCTION OPERATING								1.9 11.0	
		30	SUCTION OPERATING									
20		0	SUCTION OPERATING		2.0 6.0	4.0 7.0	6.4 7.8	7.8 8.6	7.8 9.3	7.8 11.0	7.8 12.0	
		5	SUCTION OPERATING				2.8 7.7	3.9 8.5	6.3 9.2	7.8 10.0	7.8 12.0	
		10	SUCTION OPERATING					1.2 8.3	3.1 9.1	5.7 10.0	7.1 12.0	
		15	SUCTION OPERATING							3.6 10.0	5.4 11.0	
		20	SUCTION OPERATING							1.4 10.0	3.8 11.0	
		25	SUCTION OPERATING								1.5 11.0	
		30	SUCTION OPERATING									

*** FOR EDUCTOR SIZES OTHER THAN 1"**

**MULTIPLY ABOVE CAPACITIES
BY PROPER RATIO FACTOR**

EDUCTOR SIZE	1/2"	1"	1-1/2"	2"
RATIO FACTOR	0.36	1	2.89	4

