

Eductor Performance

1 1/2" PM & PLL

Suction Pressure HG. ABS (hg)	Operating Water Pressure PSIG (hm)	Suction Capacity in SCFM at Discharge Pressure Per Below (Qs)										Operating Water Water (GPM) (Qm)
		0 PSIG		5 PSIG		10 PSIG		15 PSIG		20 PSIG		
		PM	PLL	PM	PLL	PM	PLL	PM	PLL	PM	PLL	
30" (Atmospheric)	20	8.0	7.0									16.4
	40	10.0	9.0	2.5	5.0							22.5
	60	13.0	12.0	3.8	8.0	3.0	6.0					26.9
	80	14.0	13.0	5.5	10.0	3.9	8.5	3.2	7.2	2.9		30.6
	100	18.0	14.0	10.0	13.0	5.8	11.0	4.4	9.5	3.6	8.6	33.8
	140	19.0	18.0	13.0	16.0	8.5	15.0	6.2	14.0	5.6	13.0	39.2
	200	21.0	19.0	19.0	18.0	16.0	18.0	11.0	18.0	8.6	17.0	45.0
25"	20	1.6	3.0									17.2
	40	3.6	5.6	1.7	3.5							23.0
	60	5.8	8.0	2.8	5.9	2.2	4.6					27.3
	80	8.4	10.2	3.9	8.0	3.0	6.7	2.5	5.8	2.2		30.9
	100	9.9	11.4	6.1	10.0	4.1	9.0	3.4	7.9	3.0	7.3	34.0
	140	12.6	14.5	8.4	13.7	6.1	13.0	5.0	11.9	4.5	11.2	39.4
	200	16.7	17.4	14.3	17.0	10.7	16.8	8.7	16.1	6.9	15.7	45.1
20"	20	0.9	1.6									18.1
	40	1.9	3.6	1.2	2.4							23.6
	60	3.3	5.7	2.1	4.4	1.6	3.5					27.8
	80	4.9	7.8	2.8	6.3	2.3	5.2	1.9	4.6	1.6		31.3
	100	6.2	8.8	4.0	7.7	3.1	7.2	2.6	6.4	2.3	6.0	34.4
	140	8.9	11.3	5.6	10.8	4.4	10.2	3.8	9.6	3.4	9.1	39.6
	200	13.0	14.0	10.3	13.7	7.4	13.4	6.4	13.0	5.2	12.7	45.4
15"	20	0.5	0.8									18.8
	40	1.1	2.4	0.8	1.5							24.2
	60	1.8	3.9	1.4	3.1	1.1	2.6					28.3
	80	2.5	5.3	1.9	4.9	1.6	3.8	1.4	3.5	1.1		31.7
	100	3.7	6.3	2.5	5.9	2.2	5.4	1.9	5.0	1.6	4.6	34.7
	140	5.3	8.4	3.4	8.0	3.0	7.6	2.6	7.3	2.4	7.1	40.0
	200	8.8	10.5	6.5	10.3	4.8	10.1	4.3	9.9	3.6	9.7	45.7
10"	40	0.6	1.3	0.5								24.7
	60	0.9	2.6	0.8	2.0	0.7	1.5					28.7
	80	1.3	3.5	1.2	3.0	1.0	2.7	0.9	2.4	0.7		32.1
	100	2.0	3.9	1.4	3.8	1.3	3.7	1.2	3.5	1.1	3.3	35.1
	140	2.6	5.9	2.0	5.6	1.8	5.4	1.6	5.3	1.4	5.3	40.2
	200	5.1	7.0	3.7	6.9	2.8	6.8	2.4	6.7	2.2	6.6	45.9
5"	40	0.3	0.6	0.3								25.3
	60	0.4	1.6	0.3	1.2	0.3						29.2
	80	0.7	2.0	0.5	1.7	0.5	1.5	0.4	1.0	0.2		32.5
	100	0.8	2.2	0.6	2.1	0.6	2.1	0.6	2.0	0.6	1.9	35.4
	140	1.2	3.1	1.0	3.0	0.8	2.9	0.8	2.9	0.8	2.9	40.6
	200	2.0	3.5	1.5	3.5	1.2	3.5	0.9	3.5	0.9	3.5	46.2

