

Eductor / Pendoructor Flow vs. Pressure - all rated in GPM per eductor										
pressure		orifice size / area / Cv								velocity feet / second
Feet	PSI	0.2		0.3		0.375		0.48		
		.031 sq. in.	1.11	.071 sq. in.	2.21	.110 sq. in.	4.27	.181 sq. in.	6.64	
		pump	total	pump	total	pump	total	pump	total	
8.0	3.5	2.1	10.5	4.1	20.5	7.8	39.0	12.4	62.0	22.8
10.0	4.3	2.3	11.5	4.6	23.0	8.7	43.5	13.8	69.0	25.4
12.0	5.2	2.5	12.5	5.0	25.0	9.6	48.0	15.1	75.5	27.8
14.0	6.1	2.7	13.5	5.4	27.0	10.3	51.5	16.4	82.0	30.2
16.0	6.9	2.9	14.5	5.8	29.0	11.1	55.5	17.4	87.0	32.0
18.0	7.8	3.1	15.5	6.1	30.5	11.7	58.5	18.5	92.5	34.0
20.0	8.7	3.3	16.5	6.5	32.5	12.4	62.0	19.6	98.0	36.0
23.0	10.0	3.5	17.5	7.0	35.0	13.5	67.5	21.0	105.0	38.6
34.7	15.0	4.3	21.5	9.2	46.0	17.0	85.0	25.0	125.0	45.9
46.2	20.0	5.0	25.0	10.7	53.5	19.0	95.0	29.0	145.0	53.3
57.8	25.0	5.5	27.5	11.9	59.5	21.0	105.0	33.0	165.0	60.6
69.3	30.0	6.1	30.5	13.1	65.5	23.0	115.0	36.0	180.0	66.1
80.9	35.0	6.6	33.0	14.1	70.5	25.0	125.0	39.0	195.0	71.6
92.4	40.0	7.0	35.0	15.0	75.0	27.0	135.0	42.0	210.0	77.2
115.5	50.0	7.8	39.0	17.0	85.0	30.0	150.0	47.0	235.0	86.4
Available NPT size long profile		1/4" MNPT		3/8" MNPT		3/4" MNPT		1" MNPT		
short - Pendoructor		N/A		3/4 MNPT or FNPT		3/4 MNPT or FNPT		N/A		
short - Pendoructor		N/A		1" MNPT		1" MNPT		N/A		

Example: If using a .30" orifice eductor - Providing 5 GPM per eductor will require 12 feet (5.2 PSI) of pressure.
Total solution movement is 25 GPM. Flow rate through the eductor will be reduced with lower pressures.

Contact KTH Sales for assistance in selection of eductors with your pump.