



Vortex Ventures, Inc.

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**LOBESTAR® MIXING EDUCTOR & LOBESTAR® SHEAR/MIXER
ALL 4" (100mm) MODELS
PERFORMANCE CHART**

HEAD		VELOCITY OF DISCHARGE	NOZZLE ORIFICE SIZES*			
			1.0" (25mm)	1.25" (31mm)	1.38" (34mm)	1.50" (38mm)
PSI (BAR)	FEET (METERS)	FT/ SEC (M/SEC)	GPM (M ³ /MIN)	GPM (M ³ /MIN)	GPM (M ³ /MIN)	GPM (M ³ /MIN)
30 (2.0)	69 (21)	67 (20)	125 (0.48)	164 (0.61)	207 (0.78)	309 (1.16)
40 (2.76)	92 (28)	77 (23)	145 (0.54)	189 (0.71)	239 (0.90)	357 (1.34)
50 (3.5)	115 (35)	86 (26)	162 (0.61)	211 (0.79)	267 (1.0)	400 (1.5)
60 (4.14)	138 (42)	94 (29)	177 (0.66)	231 (0.87)	293 (1.1)	438 (1.64)
70 (4.8)	161 (49)	102 (31)	191 (0.72)	250 (0.94)	317 (1.18)	473 (1.77)
80 (5.5)	184 (56)	109 (33)	205 (0.77)	267 (1.0)	338 (1.27)	505 (1.89)
90 (6.2)	207 (65)	116 (35)	217 (0.81)	284 (1.1)	360 (1.35)	538 (2.01)
100 (6.9)	230 (70)	122 (37)	230 (0.86)	300 (1.12)	380 (1.42)	565 (2.12)

*LOBESTAR® NOZZLE ORIFICE IS EQUIVALENT TO THE AREA OF A CIRCLE.

THE LOBESTAR® EDUCTOR PERFORMS BEST WITH A 2' (0.61 METERS) STRAIGHT PIPE EXTENSION INSTALLED ON THE DISCHARGE END OF THE EDUCTOR.