



Vortex Ventures, Inc.

6950 PORTWEST DRIVE, SUITE 100 • HOUSTON, TEXAS 77024
 TELEPHONE #: (713) 869-2593 • FAX #: (713) 869-2596

**LOBESTAR® MIXING EDUCTOR & LOBESTAR® SHEAR/MIXER
 ALL 2" (50mm) MODELS
PERFORMANCE CHART**

HEAD		VELOCITY OF DISCHARGE	NOZZLE ORIFICE SIZES*		
			1/2" (13mm)	5/8" (17mm)	3/4" (19mm)
PSI (BAR)	FEET (METERS)	FT/ SEC (M/SEC)	GPM lpm	GPM lpm	GPM lpm
30 (2.0)	69 (21)	67 (20)	23 (87)	37 (141)	60.0 (228)
40 (2.76)	92 (28)	77 (23)	27 (103)	50 (190)	72 (274)
50 (3.5)	115 (35)	86 (26)	30 (114)	59 (224)	83 (315)
60 (4.14)	138 (42)	94 (29)	33 (125)	68 (258)	90 (342)
70 (4.8)	161 (49)	102 (31)	36 (137)	77 (293)	98 (372)
80 (5.5)	184 (56)	109 (33)	38 (144)	85 (323)	104 (395)
90 (6.2)	207 (65)	116 (35)	40 (152)	92 (350)	111 (422)
100 (6.9)	230 (70)	122 (37)	42 (160)	98 (372)	120 (456)

*LOBESTAR® NOZZLE ORIFICE IS EQUIVALENT TO THE AREA OF A CIRCLE.
 THE LOBESTAR® EDUCTOR PERFORMS BEST WITH A 1.5' (0.5 METERS) STRAIGHT PIPE EXTENSION INSTALLED ON THE DISCHARGE END OF THE EDUCTOR.