



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 1.5" (37mm) MODELS
PERFORMANCE CHART**

| HEAD | | VELOCITY OF DISCHARGE | NOZZLE ORIFICE SIZES* | | |
|--------------|------------------|-----------------------|-----------------------|---------------|-------------|
| | | | 3/8" (9mm) | 1/2" (13mm) | 5/8" (17mm) |
| PSI (BAR) | FEET (METERS) | FT/ SEC (M/SEC) | GPM lpm | GPM lpm | GPM lpm |
| 30 (2.0) | 69 (21) | 67 (20) | 23.0 (87.0) | 30.0 (114) | 37 (141) |
| 40 (2.76) | 92 (28) | 77 (23) | 27.0 (103) | 41.0 (156) | 50 (190) |
| 50 (3.5) | 115 (35) | 86 (26) | 30.0 (114) | 47.0 (179) | 59 (224) |
| 60 (4.14) | 138 (42) | 94 (29) | 32.5 (124) | 53 (201) | 68 (258) |
| 70 (4.8) | 161 (49) | 102 (31) | 35.2 (134) | 58 (220) | 77 (293) |
| 80 (5.5) | 184 (56) | 109 (33) | 37.6 (143) | 63 (239) | 85 (323) |
| 90 (6.2) | 207 (65) | 116 (35) | 40.0 (152) | 67 (255) | 92 (350) |
| 100 (6.9) | 230 (70) | 122 (37) | 42.0 (160) | 71 (270) | 98 (372) |

*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.