



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 6" (150mm) MODELS
 PERFORMANCE CHART**

| HEAD | | VELOCITY OF DISCHARGE | NOZZLE ORIFICE SIZES* | | | |
|--------------|------------------|-----------------------|------------------------------|------------------------------|------------------------------|---------------------------|
| | | | 1.5" (38mm) | 1.75" (44mm) | 2.0" (50mm) | 2.25" (56mm) |
| 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 (21) | 250 (0.95) | 309 (1.16) | 500 (1.87) | 655 (2.45) |
| 40 (2.76) | 92 (28) | 77 (23) | 298 (1.12) | 357 (1.34) | 580 (2.17) | 756 (2.83) |
| 50 (3.5) | 115 (35) | 86 (26) | 330 (1.24) | 400 (1.50) | 647 (2.42) | 845 (3.16) |
| 60 (4.14) | 138 (42) | 94 (29) | 362 (1.36) | 438 (1.64) | 710 (2.66) | 926 (3.47) |
| 70 (4.8) | 161 (49) | 102 (31) | 391 (1.46) | 473 (1.77) | 765 (2.87) | 1000 (3.7) |
| 80 (5.5) | 184 (56) | 109 (33) | 418 (1.57) | 505 (1.89) | 820 (3.10) | 1070 (4.01) |
| 90 (6.2) | 207 (65) | 116 (35) | 443 (1.66) | 540 (2.02) | 870 (3.26) | 1134 (4.25) |
| 100 (6.9) | 230 (70) | 122 (37) | 467 (1.75) | 570 (2.13) | 915 (3.43) | 1198 (4.50) |

*LOBESTAR® NOZZLE ORIFICE IS EQUIVALENT TO THE AREA OF A CIRCLE.
 THE LOBESTAR® EDUCTOR PERFORMS BEST WITH A 3' (0.92 METERS) STRAIGHT PIPE EXTENSION
 INSTALLED ON THE DISCHARGE END OF THE EDUCTOR.