

Nozzle Selection Chart

| Size ↓ | ↓ | Flow rate (l/min.) at Pressure (Bar) | | | | | | | | | | | | | | | | | | | | | |
|-----------|------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | | Flow rate (GPM) at Pressure (Psi) | | | | | | | | | | | | | | | | | | | | | |
| | BAR Psi | 60 | 80 | 100 | 120 | 140 | 150 | 160 | 180 | 200 | 220 | 240 | 250 | 280 | 300 | 320 | 350 | 380 | 400 | 420 | 450 | 480 | 500 |
| | | 870 | 1160 | 1450 | 1740 | 2030 | 2175 | 2320 | 2610 | 2900 | 3190 | 3480 | 3625 | 4060 | 4350 | 4640 | 5075 | 5510 | 5800 | 6090 | 6525 | 6960 | 7250 |
| 02 | | 3.6 | 4.1 | 4.6 | 5.0 | 5.4 | 5.6 | 5.8 | 6.2 | 6.5 | 6.8 | 7.1 | 7.3 | 7.7 | 8.0 | 8.2 | 8.6 | 9.0 | 9.2 | 9.4 | 9.8 | 10.1 | 10.3 |
| | | 0.9 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.4 | 2.5 | 2.6 | 2.8 | 2.7 |
| 023 | | 3.9 | 4.5 | 5.0 | 5.5 | 5.9 | 6.1 | 6.3 | 6.7 | 7.1 | 7.4 | 7.7 | 7.9 | 8.4 | 8.7 | 8.9 | 9.4 | 9.7 | 10.0 | 10.1 | 10.6 | 11.0 | 11.2 |
| | | 1.0 | 1.2 | 1.3 | 1.4 | 1.6 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 |
| 025 | | 4.3 | 5.0 | 5.6 | 6.1 | 6.6 | 6.9 | 7.1 | 7.5 | 7.9 | 8.0 | 8.7 | 8.9 | 9.4 | 9.7 | 10.0 | 10.5 | 10.9 | 11.2 | 11.5 | 11.9 | 12.3 | 12.5 |
| | | 1.1 | 1.3 | 1.5 | 1.6 | 1.8 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.3 | 2.5 | 2.0 | 2.6 | 2.8 | 2.9 | 3.0 | 3.0 | 3.1 | 3.2 | 3.3 |
| 027 | | 4.7 | 5.5 | 6.1 | 6.7 | 7.2 | 7.5 | 7.7 | 8.2 | 8.6 | 9.0 | 9.5 | 9.6 | 10.2 | 10.6 | 10.9 | 11.4 | 11.9 | 12.2 | 12.5 | 12.9 | 13.4 | 13.6 |
| | | 1.2 | 1.4 | 1.6 | 1.8 | 1.9 | 2.0 | 2.0 | 2.2 | 2.3 | 2.4 | 2.5 | 2.5 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 |
| 03 | | 5.2 | 6.0 | 6.7 | 7.3 | 7.9 | 8.2 | 8.5 | 9.0 | 9.5 | 9.9 | 10.4 | 10.6 | 11.2 | 11.6 | 12.0 | 12.5 | 13.1 | 13.4 | 13.7 | 14.2 | 14.7 | 15.0 |
| | | 1.4 | 1.6 | 1.8 | 1.9 | 2.1 | 2.2 | 2.2 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 3.0 | 3.1 | 3.2 | 3.3 | 3.5 | 3.5 | 3.6 | 3.8 | 3.9 | 4.0 |
| 032 | | 5.5 | 6.4 | 7.1 | 7.8 | 8.4 | 8.7 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.2 | 11.9 | 12.2 | 12.7 | 13.3 | 13.8 | 14.2 | 14.6 | 15.1 | 15.6 | 15.9 |
| | | 1.5 | 1.7 | 1.9 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.4 | 3.5 | 3.7 | 3.8 | 3.8 | 4.0 | 4.1 | 4.2 |
| 035 | | 6.0 | 7.0 | 7.8 | 8.5 | 9.2 | 9.6 | 9.9 | 10.5 | 11.0 | 11.6 | 12.1 | 12.3 | 13.1 | 13.5 | 14.0 | 14.6 | 15.2 | 15.0 | 16.0 | 16.5 | 17.1 | 17.4 |
| | | 1.6 | 1.8 | 2.1 | 2.3 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.1 | 3.2 | 3.3 | 3.4 | 3.6 | 3.7 | 3.9 | 4.0 | 4.1 | 4.2 | 4.4 | 4.5 | 4.6 |
| 037 | | 6.5 | 7.5 | 8.4 | 9.2 | 9.9 | 10.3 | 10.6 | 11.3 | 11.9 | 12.5 | 13.0 | 13.3 | 14.1 | 14.5 | 15.0 | 15.7 | 16.4 | 16.8 | 17.2 | 17.8 | 18.4 | 18.8 |
| | | 1.7 | 2.0 | 2.2 | 2.4 | 2.6 | 2.7 | 2.8 | 3.0 | 3.1 | 3.3 | 3.4 | 3.5 | 3.7 | 3.8 | 4.0 | 4.2 | 4.3 | 4.4 | 4.5 | 4.7 | 4.9 | 5.0 |
| 04 | | 7.0 | 8.1 | 9.1 | 10.0 | 10.8 | 11.1 | 11.5 | 12.2 | 12.9 | 13.5 | 14.1 | 14.4 | 15.2 | 15.8 | 16.3 | 17.0 | 17.7 | 18.2 | 18.6 | 19.3 | 19.9 | 20.3 |
| | | 1.9 | 2.2 | 2.4 | 2.6 | 2.8 | 2.9 | 3.0 | 3.2 | 3.4 | 3.6 | 3.7 | 3.8 | 4.0 | 4.2 | 4.3 | 4.5 | 4.7 | 4.8 | 4.9 | 5.1 | 5.0 | 5.4 |
| 043 | | 7.5 | 8.7 | 9.7 | 10.6 | 11.5 | 11.9 | 12.3 | 13.0 | 13.7 | 14.4 | 15.0 | 15.3 | 16.2 | 16.8 | 17.4 | 18.1 | 18.9 | 19.4 | 19.9 | 20.6 | 21.3 | 21.7 |
| | | 2.0 | 2.3 | 2.6 | 2.8 | 3.0 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.1 | 4.3 | 4.4 | 4.6 | 4.8 | 5.0 | 5.1 | 5.3 | 5.4 | 5.6 | 5.7 |
| 045 | | 8.0 | 9.2 | 10.3 | 11.3 | 12.2 | 12.6 | 13.0 | 13.8 | 14.6 | 15.3 | 16.0 | 16.3 | 17.2 | 17.8 | 18.4 | 19.3 | 20.1 | 20.6 | 21.1 | 21.8 | 22.6 | 23.0 |
| | | 2.1 | 2.4 | 2.7 | 3.0 | 3.2 | 3.3 | 3.4 | 3.7 | 3.8 | 4.0 | 4.2 | 4.3 | 4.6 | 4.7 | 4.9 | 5.1 | 5.3 | 5.4 | 5.6 | 5.8 | 6.0 | 6.1 |
| 05 | | 8.7 | 10.0 | 11.2 | 12.3 | 13.3 | 13.7 | 14.2 | 15.0 | 15.8 | 16.6 | 17.4 | 17.7 | 18.7 | 19.4 | 20.0 | 21.0 | 21.8 | 22.4 | 23.0 | 23.8 | 24.8 | 25.0 |
| | | 2.3 | 2.6 | 3.0 | 3.2 | 3.5 | 3.6 | 3.7 | 4.0 | 4.2 | 4.4 | 4.6 | 4.7 | 5.0 | 5.1 | 5.3 | 5.5 | 5.8 | 5.9 | 6.1 | 6.3 | 6.5 | 6.6 |
| 053 | | 9.3 | 10.7 | 12.0 | 13.1 | 14.2 | 14.7 | 15.2 | 16.1 | 17.0 | 17.8 | 18.6 | 19.0 | 20.1 | 20.8 | 21.5 | 22.4 | 23.4 | 24.0 | 24.6 | 25.5 | 26.3 | 26.8 |
| | | 2.5 | 2.8 | 3.2 | 3.5 | 3.8 | 3.9 | 4.0 | 4.3 | 4.5 | 4.7 | 4.9 | 5.0 | 5.3 | 5.5 | 5.7 | 5.9 | 6.2 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 |
| 055 | | 9.8 | 11.3 | 12.6 | 13.8 | 14.9 | 15.4 | 15.9 | 16.9 | 17.8 | 18.7 | 19.5 | 19.9 | 21.1 | 21.8 | 22.5 | 23.6 | 24.6 | 25.2 | 25.8 | 26.7 | 27.6 | 28.2 |
| | | 2.6 | 3.0 | 3.3 | 3.6 | 3.9 | 4.1 | 4.2 | 4.5 | 4.7 | 4.9 | 5.2 | 5.3 | 5.6 | 5.8 | 6.0 | 6.2 | 6.5 | 6.7 | 6.8 | 7.1 | 7.3 | 7.4 |
| 06 | | 10.6 | 12.3 | 13.7 | 15.0 | 16.1 | 16.8 | 17.3 | 18.4 | 19.4 | 20.3 | 21.2 | 21.7 | 22.9 | 23.7 | 24.5 | 25.6 | 26.7 | 27.4 | 28.1 | 29.1 | 30.0 | 30.6 |
| | | 2.8 | 3.2 | 3.6 | 4.0 | 4.3 | 4.4 | 4.6 | 4.9 | 5.1 | 5.4 | 5.6 | 5.7 | 6.1 | 6.3 | 6.5 | 6.8 | 7.1 | 7.2 | 7.4 | 7.7 | 7.9 | 8.1 |
| 065 | | 11.5 | 13.2 | 14.8 | 16.2 | 17.5 | 18.1 | 18.7 | 19.9 | 20.9 | 22.0 | 22.9 | 23.4 | 24.8 | 25.6 | 26.5 | 27.7 | 28.9 | 29.6 | 30.3 | 31.4 | 32.4 | 33. |
| | | 3.0 | 3.5 | 3.9 | 4.3 | 4.6 | 4.8 | 4.9 | 5.2 | 5.5 | 5.8 | 6.1 | 6.2 | 6.5 | 6.8 | 7.0 | 7.3 | 7.6 | 7.8 | 8.0 | 8.3 | 8.6 | 8.7 |
| 07 | | 12.4 | 14.3 | 16.0 | 17.5 | 18.9 | 19.6 | 20.2 | 21.5 | 22.6 | 23.7 | 24.8 | 25.3 | 26.8 | 27.7 | 28.6 | 29.9 | 31.2 | 32.0 | 32.8 | 33.9 | 35.1 | 35.8 |
| | | 3.3 | 3.8 | 4.2 | 4.6 | 5.0 | 5.2 | 5.3 | 5.7 | 6.0 | 6.3 | 6.5 | 6.7 | 7.1 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5 | 8.7 | 9.0 | 9.3 | 9.5 |
| 08 | | 14.1 | 16.3 | 18.2 | 19.9 | 21.5 | 22.3 | 23.0 | 24.4 | 25.7 | 27.0 | 28.2 | 28.8 | 30.5 | 31.5 | 32.6 | 34.0 | 35.5 | 36.4 | 37.3 | 38.6 | 39.9 | 40.7 |
| | | 3.7 | 4.3 | 4.8 | 5.3 | 5.7 | 5.9 | 6.1 | 6.5 | 6.8 | 7.1 | 7.4 | 7.6 | 8.0 | 8.3 | 8.6 | 9.0 | 9.4 | 9.9 | 9.9 | 10.2 | 10.5 | 10.8 |
| 085 | | 15.0 | 17.4 | 19.4 | 21.3 | 23.0 | 23.8 | 24.5 | 26.0 | 27.4 | 28.8 | 30.1 | 30.7 | 32.5 | 33.6 | 34.7 | 36.3 | 37.8 | 38.8 | 39.8 | 41.1 | 42.5 | 43.4 |
| | | 4.0 | 4.6 | 5.1 | 5.6 | 6.1 | 6.3 | 6.5 | 6.9 | 7.2 | 7.6 | 7.9 | 8.1 | 8.6 | 8.9 | 9.2 | 9.6 | 10.0 | 10.3 | 10.5 | 10.9 | 11.2 | 11.5 |
| 09 | | 16.3 | 18.8 | 21.0 | 23.0 | 24.8 | 25.7 | 26.6 | 28.2 | 29.7 | 31.1 | 32.5 | 33.2 | 35.1 | 36.4 | 37.6 | 39.3 | 40.9 | 42.0 | 43.0 | 44.5 | 46.0 | 47.0 |
| | | 4.3 | 5.0 | 5.5 | 6.1 | 6.6 | 6.8 | 7.0 | 7.4 | 7.8 | 8.2 | 8.6 | 8.8 | 9.3 | 9.6 | 9.9 | 10.4 | 10.8 | 11.1 | 11.4 | 11.8 | 12.2 | 12.4 |
| 10 | | 17.8 | 20.6 | 23.0 | 25.2 | 27.2 | 28.2 | 29.1 | 30.9 | 32.5 | 34.1 | 35.6 | 36.4 | 38.5 | 39.8 | 41.1 | 43.0 | 44.8 | 46.0 | 47.1 | 48.8 | 50.4 | 51.4 |
| | | 4.7 | 5.4 | 6.1 | 6.7 | 7.2 | 7.4 | 7.7 | 8.2 | 8.6 | 9.0 | 9.4 | 9.6 | 10.2 | 10.5 | 10.9 | 11.4 | 11.8 | 12.2 | 12.5 | 12.9 | 13.3 | 13.6 |
| 12 | | 20.9 | 24.1 | 27.0 | 29.6 | 31.9 | 33.1 | 34.2 | 36.2 | 38.2 | 40.0 | 41.8 | 42.7 | 45.2 | 46.8 | 48.3 | 50.5 | 52.6 | 54.0 | 55.3 | 57.3 | 59.2 | 60.4 |
| | | 5.5 | 6.4 | 7.1 | 7.8 | 8.4 | 8.7 | 9.0 | 9.6 | 10.1 | 10.6 | 11.1 | 11.3 | 11.9 | 12.1 | 12.8 | 13.3 | 13.9 | 14.3 | 14.6 | 15.1 | 15.6 | 16.0 |
| 13 | | 23.2 | 26.8 | 30.0 | 32.9 | 35.5 | 36.7 | 37.9 | 40.2 | 42.4 | 44.5 | 46.5 | 47.4 | 50.2 | 52.0 | 53.7 | 56.1 | 58.5 | 60.0 | 61.5 | 63.6 | 65.7 | 67.1 |
| | | 6.1 | 7.1 | 7.9 | 8.7 | 9.4 | 9.7 | 10.0 | 10.6 | 11.2 | 11.8 | 12.3 | 12.5 | 13.3 | 13.7 | 14.2 | 14.8 | 15.5 | 15.9 | 16.2 | 16.8 | 17.4 | 17.7 |
| 20 | | 35.6 | 41.1 | 46.0 | 50.4 | 54.4 | 56.3 | 58.2 | 61.7 | 65.1 | 68.2 | 71.3 | 72.7 | 77.0 | 79.7 | 82.3 | 86.1 | 89.7 | 92.0 | 94.3 | 97.6 | 100.8 | 102.9 |
| | | 9.4 | 10.9 | 12.2 | 13.3 | 14.4 | 14.9 | 15.4 | 16.3 | 17.2 | 18.0 | 18.8 | 19.2 | 20.3 | 21.1 | 21.7 | 22.7 | 23.7 | 24.3 | 24.9 | 25.8 | 26.6 | 27.2 |