

SPITWATER

NOZZLE SELECTION CHART



PRESSURE CLEANERS

How to read: **1)** Find your Pressure (PSI or Bar) **2)** Follow down to reach your machine's flow (L/min) **3)** The intersecting row is your recommended nozzle size.

| Nozzle Size | "Gauge (Hole Size)" | MultiReg Nozzle | Bar | 60 | 80 | 100 | 120 | 140 | 150 | 160 | 180 | 200 | 220 | 240 | 250 | 280 | 300 | 350 | 380 | 420 | 450 | 500 |
|-------------|---------------------|------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | | | PSI | 870 | 1160 | 1450 | 1740 | 2030 | 2175 | 2320 | 2610 | 2900 | 3190 | 3480 | 3625 | 4060 | 4350 | 5075 | 5510 | 6090 | 6525 | 7250 |
| 020 | .034" / 0.86mm | | | 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 | 8.6 | 9.0 | 9.4 | 9.8 | 10.3 |
| 025 | .042" / 1.07mm | | | 4.3 | 5.0 | 5.6 | 6.1 | 6.6 | 6.9 | 7.1 | 7.5 | 7.9 | 8.3 | 8.7 | 8.9 | 9.4 | 9.7 | 10.5 | 10.9 | 11.5 | 11.9 | 12.5 |
| 030 | .043" / 1.09mm | | | 5.3 | 6.1 | 6.8 | 7.4 | 8.0 | 8.3 | 8.6 | 9.1 | 9.6 | 10.1 | 10.5 | 10.8 | 11.4 | 11.8 | 12.7 | 13.3 | 13.9 | 14.4 | 15.2 |
| 035 | .048" / 1.22mm | 125 (Beige) | | 6.2 | 7.2 | 8.0 | 8.8 | 9.5 | 9.8 | 10.1 | 10.7 | 11.3 | 11.9 | 12.4 | 12.6 | 13.4 | 13.9 | 15.0 | 15.6 | 16.4 | 17.0 | 17.9 |
| 040 | .052" / 1.32mm | 135 (Dark Blue) | | 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 | 17.0 | 17.7 | 18.6 | 19.3 | 20.3 |
| 045 | .055" / 1.40mm | 140 (Red) | | 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 | 19.3 | 20.1 | 21.1 | 21.8 | 23.0 |
| 050 | .057" / 1.45mm | 145 (Yellow) | | 8.8 | 10.2 | 11.4 | 12.5 | 13.5 | 14.0 | 14.4 | 15.3 | 16.1 | 16.9 | 17.7 | 18.0 | 19.1 | 19.7 | 21.3 | 22.2 | 23.4 | 24.2 | 25.5 |
| 055 | .060" / 1.52mm | 150 (Light Blue) | | 9.7 | 11.2 | 12.5 | 13.7 | 14.8 | 15.3 | 15.8 | 16.8 | 17.7 | 18.5 | 19.4 | 19.8 | 20.9 | 21.7 | 23.4 | 24.4 | 25.6 | 26.5 | 28.0 |
| 060 | .062" / 1.57mm | | | 10.6 | 12.3 | 13.7 | 15.0 | 16.2 | 16.8 | 17.3 | 18.4 | 19.4 | 20.3 | 21.2 | 21.7 | 22.9 | 23.7 | 25.6 | 26.7 | 28.1 | 29.1 | 30.6 |
| 065 | .064" / 1.63mm | 165 (Purple) | | 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 | 27.7 | 28.9 | 30.3 | 31.4 | 33.1 |
| 070 | .067" / 1.70mm | | | 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 | 29.9 | 31.2 | 32.8 | 33.9 | 35.8 |
| 080 | .072" / 1.83mm | | | 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 | 34.0 | 35.5 | 37.3 | 38.6 | 40.7 |
| 085 | .074" / 1.88mm | | | 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 | 36.3 | 37.8 | 39.8 | 41.2 | 43.4 |
| 090 | .076" / 1.93mm | | | 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 | 39.3 | 40.9 | 43.0 | 44.5 | 47.0 |
| 100 | .080" / 2.03mm | | | 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 | 43.0 | 44.8 | 47.1 | 48.8 | 51.4 |
| 120 | .087" / 2.21mm | | | 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 | 50.5 | 52.6 | 55.3 | 57.3 | 60.4 |
| 130 | .091" / 2.31mm | | | 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 | 56.1 | 58.5 | 61.5 | 63.6 | 67.1 |
| 200 | | | | 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 | 86.1 | 89.7 | 94.3 | 97.6 | 102.9 |

How to use this chart

Chart values indicate machine flow rate and are shown in L/min. Information provided is based on PA nozzle performance data. Actual operating results may vary depending on machine condition, nozzle wear and application. **Important:** Never install a nozzle smaller than the manufacturer specification. Undersized nozzles increase operating pressure and may damage pumps, seals, hoses and fittings. **Reducing Pressure:** To lower cleaning impact while maintaining flow, increase nozzle size or use a wider spray angle instead of reducing engine speed.

Nozzle Wear: Pressure cleaner nozzles are consumable components. As nozzle orifices wear, operating pressure reduces, spray patterns deteriorate and cleaning performance drops. Inspect nozzle condition during servicing and replace worn nozzles where required.