# Alpine Air Drill Orifice Application Chart

Imperial Gallons

| Oriface Size | PSI | GPM | 6" Spacing GPA | | | | 7" Spacing GPA | | | | 8" Spacing GPA | | | | 9" Spacing GPA | | | | 10" Spacing GPA | | | | 12" Spacing GPA | | | | 14" Spacing GPA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 4 MPH | 5 MPH | 5.5 MPH | 6 MPH | 4 MPH | 5 MPH | 5.5 MPH | 6 MPH | 4 MPH | 5 MPH | 5.5 MPH | 6 MPH | 4 MPH | 5 MPH | 5.5 MPH | 6 MPH | 4 MPH | 5 MPH | 5.5 MPH | 6 MPH | 4 MPH | 5 MPH | 5.5 MPH | 6 MPH | 4 MPH | 5 MPH | 5.5 MPH | 6 MPH | |
| 45902 * White | 20 | 0.020 | 4.2 | 3.3 | 3.1 | 2.8 | 3.6 | 2.9 | 2.7 | 2.4 | 3.2 | 2.5 | 2.3 | 2.1 | 2.8 | 2.2 | 2.1 | 1.8 | 2.5 | 2.0 | 1.8 | 1.7 | 2.1 | 1.7 | 1.5 | 1.4 | 1.8 | 1.4 | 1.3 | 1.2 | 45902 * White |
| | 25 | 0.023 | 4.7 | 3.8 | 3.5 | 3.2 | 4.1 | 3.2 | 3.0 | 2.7 | 3.6 | 2.8 | 2.6 | 2.4 | 3.2 | 2.5 | 2.3 | 2.1 | 2.8 | 2.2 | 2.1 | 1.9 | 2.4 | 1.9 | 1.8 | 1.6 | 2.1 | 1.7 | 1.5 | 1.3 | |
| | 30 | 0.026 | 5.2 | 4.2 | 3.9 | 3.5 | 4.5 | 3.6 | 3.3 | 3.0 | 3.9 | 3.2 | 2.9 | 2.7 | 3.5 | 2.8 | 2.6 | 2.3 | 3.2 | 2.5 | 2.3 | 2.1 | 2.7 | 2.1 | 1.9 | 1.7 | 2.2 | 1.8 | 1.7 | 1.5 | |
| | 40 | 0.030 | 6.2 | 4.9 | 4.5 | 4.1 | 5.2 | 4.2 | 3.9 | 3.5 | 4.7 | 3.7 | 3.4 | 3.1 | 4.1 | 3.2 | 3.0 | 2.7 | 3.7 | 3.0 | 2.7 | 2.5 | 3.1 | 2.5 | 2.3 | 2.1 | 2.7 | 2.1 | 1.9 | 1.7 | |
| 45907 * Blue | 20 | 0.028 | 5.8 | 4.7 | 4.3 | 3.9 | 5.0 | 4.0 | 3.7 | 3.3 | 4.4 | 3.5 | 3.2 | 2.9 | 3.9 | 3.2 | 2.9 | 2.6 | 3.5 | 2.8 | 2.6 | 2.3 | 2.9 | 2.3 | 2.1 | 1.9 | 2.5 | 2.0 | 1.8 | 1.7 | 45907 * Blue |
| | 25 | 0.036 | 7.3 | 5.9 | 5.4 | 4.9 | 6.3 | 5.1 | 4.7 | 4.2 | 5.5 | 4.4 | 4.0 | 3.7 | 4.9 | 3.9 | 3.6 | 3.2 | 4.4 | 3.5 | 3.2 | 2.9 | 3.7 | 2.9 | 2.7 | 2.4 | 3.2 | 2.5 | 2.3 | 2.1 | |
| | 30 | 0.041 | 8.3 | 6.7 | 6.1 | 5.6 | 7.2 | 5.7 | 5.3 | 4.7 | 6.2 | 5.0 | 4.6 | 4.2 | 5.6 | 4.4 | 4.0 | 3.7 | 5.0 | 4.0 | 3.7 | 3.3 | 4.2 | 3.3 | 3.1 | 2.7 | 3.6 | 2.8 | 2.6 | 2.4 | |
| | 40 | 0.047 | 9.6 | 7.7 | 7.0 | 6.4 | 8.2 | 6.6 | 6.0 | 5.5 | 7.2 | 5.7 | 5.3 | 4.8 | 6.4 | 5.1 | 4.7 | 4.2 | 5.7 | 4.6 | 4.2 | 3.8 | 4.8 | 3.8 | 3.5 | 3.2 | 4.1 | 3.2 | 3.0 | 2.7 | |
| 45919 * Green | 20 | 0.042 | 8.6 | 6.8 | 6.3 | 5.7 | 7.3 | 5.8 | 5.3 | 4.9 | 6.4 | 5.2 | 4.7 | 4.2 | 5.7 | 4.6 | 4.2 | 3.8 | 5.2 | 4.1 | 3.7 | 3.4 | 4.2 | 3.4 | 3.1 | 2.8 | 3.7 | 2.9 | 2.7 | 2.4 | 45919 * Green |
| | 25 | 0.046 | 9.5 | 7.6 | 6.9 | 6.3 | 8.1 | 6.5 | 6.0 | 5.4 | 7.1 | 5.7 | 5.2 | 4.7 | 6.3 | 5.1 | 4.7 | 4.2 | 5.7 | 4.6 | 4.2 | 3.7 | 4.7 | 3.7 | 3.4 | 3.2 | 4.1 | 3.2 | 3.0 | 2.7 | |
| | 30 | 0.051 | 10.6 | 8.5 | 7.8 | 7.1 | 9.1 | 7.2 | 6.6 | 6.1 | 7.9 | 6.3 | 5.8 | 5.3 | 7.1 | 5.7 | 5.2 | 4.7 | 6.3 | 5.1 | 4.7 | 4.2 | 5.3 | 4.2 | 3.9 | 3.5 | 4.6 | 3.7 | 3.4 | 3.0 | |
| | 40 | 0.060 | 12.4 | 9.9 | 9.1 | 8.2 | 10.7 | 8.5 | 7.8 | 7.1 | 9.3 | 7.5 | 6.9 | 6.2 | 8.2 | 6.7 | 6.1 | 5.5 | 7.5 | 6.0 | 5.5 | 5.0 | 6.2 | 5.0 | 4.6 | 4.2 | 5.3 | 4.2 | 3.9 | 3.6 | |
| 45920 * Yellow | 20 | 0.051 | 10.5 | 8.4 | 7.7 | 7.0 | 9.0 | 7.2 | 6.6 | 6.0 | 7.9 | 6.3 | 5.8 | 5.2 | 7.0 | 5.6 | 5.1 | 4.7 | 6.3 | 5.1 | 4.7 | 4.2 | 5.2 | 4.2 | 3.9 | 3.5 | 4.5 | 3.6 | 3.3 | 3.0 | 45920 * Yellow |
| | 25 | 0.059 | 12.2 | 9.7 | 8.9 | 8.1 | 10.4 | 8.3 | 7.6 | 6.9 | 9.1 | 7.2 | 6.6 | 6.1 | 8.1 | 6.5 | 6.0 | 5.4 | 7.2 | 5.8 | 5.3 | 4.8 | 6.1 | 4.8 | 4.4 | 4.1 | 5.2 | 4.2 | 3.8 | 3.5 | |
| | 30 | 0.066 | 13.5 | 10.8 | 9.9 | 9.0 | 11.6 | 9.2 | 8.5 | 7.7 | 10.2 | 8.1 | 7.4 | 6.7 | 9.0 | 7.2 | 6.6 | 6.0 | 8.1 | 6.5 | 6.0 | 5.4 | 6.7 | 5.4 | 5.0 | 4.5 | 5.7 | 4.7 | 4.3 | 3.8 | |
| | 40 | 0.075 | 15.5 | 12.4 | 11.4 | 10.3 | 13.2 | 10.6 | 9.7 | 8.8 | 11.6 | 9.3 | 8.5 | 7.7 | 10.3 | 8.2 | 7.6 | 6.9 | 9.3 | 7.4 | 6.8 | 6.2 | 7.7 | 6.2 | 5.6 | 5.2 | 6.7 | 5.3 | 4.9 | 4.4 | |
| 45925 * Purple | 20 | 0.070 | 14.3 | 11.5 | 10.5 | 9.6 | 12.3 | 9.8 | 9.0 | 8.2 | 10.7 | 8.6 | 7.9 | 7.2 | 9.6 | 7.7 | 7.0 | 6.4 | 8.6 | 6.9 | 6.3 | 5.7 | 7.2 | 5.7 | 5.3 | 4.7 | 6.2 | 4.9 | 4.5 | 4.1 | 45925 * Purple |
| | 25 | 0.079 | 16.3 | 13.1 | 12.0 | 10.9 | 14.0 | 11.2 | 10.2 | 9.3 | 12.2 | 9.7 | 8.9 | 8.2 | 10.9 | 8.7 | 7.9 | 7.2 | 9.7 | 7.8 | 7.2 | 6.5 | 8.2 | 6.5 | 6.0 | 5.4 | 7.0 | 5.6 | 5.1 | 4.7 | |
| | 30 | 0.091 | 18.7 | 14.9 | 13.7 | 12.4 | 16.0 | 12.8 | 11.8 | 10.7 | 14.0 | 11.2 | 10.2 | 9.3 | 12.4 | 9.9 | 9.1 | 8.3 | 11.2 | 9.0 | 8.2 | 7.5 | 9.3 | 7.5 | 6.9 | 6.2 | 8.0 | 6.4 | 5.9 | 5.3 | |
| | 40 | 0.107 | 22.1 | 17.7 | 16.2 | 14.7 | 18.9 | 15.2 | 13.9 | 12.7 | 16.6 | 13.2 | 12.1 | 11.1 | 14.7 | 11.8 | 10.8 | 9.8 | 13.2 | 10.6 | 9.7 | 8.8 | 11.1 | 8.8 | 8.1 | 7.3 | 9.5 | 7.6 | 6.9 | 6.3 | |
| | | | 4.0 | 5.0 | 5.5 | 6.0 | 4.0 | 5.0 | 5.5 | 6.0 | 4.0 | 5.0 | 5.5 | 6.0 | 4.0 | 5.0 | 5.5 | 6.0 | 4.0 | 5.0 | 5.5 | 6.0 | 4.0 | 5.0 | 5.5 | 6.0 | 4.0 | 5.0 | 5.5 | 6.0 | MPH |