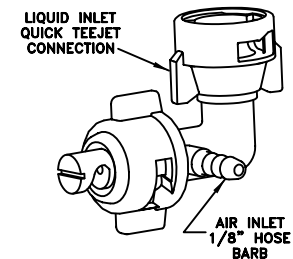


| Liquid Orifice Number | Air Pressure (bar) | Approx. Air Flow (l/s) | Liquid Pressure (bar) | Liquid Flow (l/min) | Application Rate in l/ha on 50 cm Nozzle In Spacing | | | | | Drop Size Category |
|-----------------------|--------------------|------------------------|-----------------------|---------------------|---|--------|---------|---------|-----------|--------------------|
| | | | | | 6 km/h | 8 km/h | 10 km/h | 12 km/h | 14 km/h | |
| 31 | 0.34 | 0.50 | 0.69 | 0.216 | 43.1 | 32.4 | 25.9 | 21.6 | 18.5 | Fine |
| | | 0.45 | 1.00 | 0.280 | 56.0 | 42.0 | 33.6 | 28.0 | 24.0 | Medium |
| | | 0.40 | 1.50 | 0.367 | 73.4 | 55.1 | 44.1 | 36.7 | 31.5 | Coarse |
| | | 0.35 | 2.00 | 0.435 | 87.1 | 65.3 | 52.2 | 43.5 | 37.3 | Coarse |
| | | 0.33 | 2.50 | 0.492 | 98.4 | 73.8 | 59.0 | 49.2 | 42.2 | Very Coarse |
| | | 0.28 | 3.00 | 0.549 | 110 | 82.3 | 65.9 | 54.9 | 47.0 | Very Coarse |
| | | 0.26 | 3.50 | 0.594 | 120 | 89.1 | 71.3 | 59.4 | 50.9 | Very Coarse |
| | | 0.24 | 4.00 | 0.643 | 129 | 96.5 | 77.2 | 64.3 | 55.2 | Very Coarse |
| | | 0.64 | 0.69 | 0.193 | 38.6 | 29.0 | 23.2 | 19.3 | 16.5 | Very Fine |
| | | 0.57 | 1.00 | 0.261 | 52.2 | 39.2 | 31.3 | 26.1 | 22.4 | Very Coarse |
| | 0.50 | 0.50 | 1.50 | 0.344 | 68.9 | 51.7 | 41.3 | 34.4 | 29.5 | Fine |
| | | 0.47 | 2.00 | 0.416 | 83.3 | 62.5 | 50.0 | 41.6 | 35.7 | Medium |
| | | 0.42 | 2.50 | 0.477 | 95.4 | 71.5 | 57.2 | 47.7 | 40.9 | Medium |
| | | 0.40 | 3.00 | 0.534 | 107 | 80.1 | 64.0 | 53.4 | 45.7 | Coarse |
| | | 0.38 | 3.50 | 0.579 | 116 | 86.9 | 69.5 | 57.9 | 49.6 | Coarse |
| | | 0.33 | 4.00 | 0.628 | 126 | 94.2 | 75.4 | 62.8 | 53.9 | Coarse |
| | | 0.78 | 0.69 | 0.140 | 28.0 | 21.0 | 16.8 | 14.0 | 12.0 | Very Fine |
| | | 0.71 | 1.00 | 0.208 | 41.6 | 31.2 | 25.0 | 20.8 | 17.8 | Very Fine |
| | 0.74 | 0.64 | 1.50 | 0.314 | 62.8 | 47.1 | 37.7 | 31.4 | 26.9 | Very Fine |
| | | 0.59 | 2.00 | 0.394 | 78.7 | 59.0 | 47.2 | 39.4 | 33.7 | Very Fine |
| | | 0.54 | 2.50 | 0.454 | 90.8 | 68.1 | 54.5 | 45.4 | 38.9 | Fine |
| | | 0.52 | 3.00 | 0.511 | 102 | 76.6 | 61.3 | 51.1 | 43.8 | Fine |
| | | 0.50 | 3.50 | 0.560 | 112 | 84.0 | 67.2 | 56.0 | 48.0 | Fine |
| | | 0.45 | 4.00 | 0.609 | 122 | 91.4 | 73.1 | 60.9 | 52.2 | Medium |
| | | 0.97 | 0.69 | 0.057 | 11.4 | 8.5 | 6.8 | 5.7 | 4.9 | Very Fine |
| | | 0.87 | 1.00 | 0.174 | 34.8 | 26.1 | 20.9 | 17.4 | 14.9 | Very Fine |
| | 1.00 | 0.78 | 1.50 | 0.284 | 56.8 | 42.6 | 34.1 | 28.4 | 24.3 | Very Fine |
| | | 0.71 | 2.00 | 0.356 | 71.2 | 53.4 | 42.7 | 35.6 | 30.5 | Very Fine |
| | | 0.66 | 2.50 | 0.424 | 84.8 | 63.6 | 50.9 | 42.4 | 36.3 | Very Fine |
| | | 0.64 | 3.00 | 0.481 | 96.1 | 72.1 | 57.7 | 48.1 | 41.2 | Very Fine |
| 0.59 | | 3.50 | 0.534 | 107 | 80.1 | 64.0 | 53.4 | 45.7 | Very Fine | |
| 0.57 | | 4.00 | 0.587 | 117 | 88.0 | 70.4 | 58.7 | 50.3 | Fine | |

| Liquid Orifice Number | Air Pressure (bar) | Approx. Air Flow (l/s) | Liquid Pressure (bar) | Liquid Flow (l/min) | Application Rate in l/ha on 50 cm Nozzle In Spacing | | | | | Drop Size Category |
|-----------------------|--------------------|------------------------|-----------------------|---------------------|---|--------|---------|---------|---------|--------------------|
| | | | | | 6 km/h | 8 km/h | 10 km/h | 12 km/h | 14 km/h | |
| 31 | 1.25 | 0.99 | 1.00 | 0.125 | 25.0 | 18.7 | 15.0 | 12.5 | 10.7 | Very Fine |
| | | 0.90 | 1.50 | 0.242 | 48.4 | 36.3 | 29.1 | 24.2 | 20.8 | Very Fine |
| | | 0.80 | 2.00 | 0.329 | 65.9 | 49.4 | 39.5 | 32.9 | 28.2 | Very Fine |
| | | 0.76 | 2.50 | 0.401 | 80.2 | 60.2 | 48.1 | 40.1 | 34.4 | Very Fine |
| | | 0.71 | 3.00 | 0.462 | 92.4 | 69.3 | 55.4 | 46.2 | 39.6 | Very Fine |
| | | 0.68 | 3.50 | 0.515 | 103 | 77.2 | 61.8 | 51.5 | 44.1 | Very Fine |
| | | 0.66 | 4.00 | 0.564 | 113 | 84.6 | 67.7 | 56.4 | 48.3 | Very Fine |
| | | 1.01 | 1.50 | 0.197 | 39.4 | 29.5 | 23.6 | 19.7 | 16.9 | Very Fine |
| | | 0.83 | 2.00 | 0.295 | 59.0 | 44.3 | 35.4 | 29.5 | 25.3 | Very Fine |
| | | 0.80 | 2.50 | 0.375 | 74.9 | 56.2 | 45.0 | 37.5 | 32.1 | Very Fine |
| | 1.50 | 0.76 | 3.00 | 0.435 | 87.1 | 65.3 | 52.2 | 43.5 | 37.3 | Very Fine |
| | | 0.73 | 3.50 | 0.496 | 99.2 | 74.4 | 59.5 | 49.6 | 42.5 | Very Fine |
| | | 0.68 | 4.00 | 0.545 | 109 | 81.8 | 65.4 | 54.5 | 46.7 | Very Fine |
| | | 1.06 | 1.50 | 0.148 | 29.5 | 22.1 | 17.7 | 14.8 | 12.7 | Very Fine |
| | | 0.97 | 2.00 | 0.254 | 50.7 | 38.0 | 30.4 | 25.4 | 21.7 | Very Fine |
| | | 0.90 | 2.50 | 0.344 | 68.9 | 51.7 | 41.3 | 34.4 | 29.5 | Fine |
| | | 0.83 | 3.00 | 0.413 | 82.5 | 61.9 | 49.5 | 41.3 | 35.4 | Fine |
| | | 0.80 | 3.50 | 0.466 | 93.1 | 69.8 | 55.9 | 46.6 | 39.9 | Fine |
| | 1.75 | 0.76 | 4.00 | 0.522 | 105 | 78.3 | 62.7 | 52.2 | 44.8 | Fine |
| | | 1.18 | 1.50 | 0.098 | 19.7 | 14.8 | 11.8 | 9.8 | 8.4 | Very Fine |
| | | 1.06 | 2.00 | 0.220 | 43.9 | 32.9 | 26.3 | 22.0 | 18.8 | Fine |
| | | 0.97 | 2.50 | 0.307 | 61.3 | 46.0 | 36.8 | 30.7 | 26.3 | Fine |
| | | 0.92 | 3.00 | 0.375 | 74.9 | 56.2 | 45.0 | 37.5 | 32.1 | Fine |
| | | 0.87 | 3.50 | 0.443 | 88.6 | 66.4 | 53.1 | 44.3 | 38.0 | Fine |
| | | 0.83 | 4.00 | 0.500 | 99.9 | 74.9 | 60.0 | 50.0 | 42.8 | Fine |



49880A AIRJET ASSEMBLY

DESCRIPTION:
49880A
AIRJET® NOZZLE
APPLICATION RATES AND
DROPLET SIZE CATEGORY
INFORMATION
(METRIC)



Spraying Systems Co.®
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

Data Sheet No.

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49880M-1

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