

| 7005/8005 Nozzle Performance | | | | | | |
|------------------------------|--------|------------|----------|---------------|---------------|--|
| Pressure psi | Nozzle | Radius ft. | Flow gpm | ■ Precip In/h | ▲ Precip In/h | |
| 50 | ● 04 | 39 | 3.8 | 0.48 | 0.56 | |
| | ● 06 | 45 | 5.6 | 0.53 | 0.62 | |
| | ● 08 | 49 | 6.6 | 0.53 | 0.61 | |
| | ● 10 | 53 | 9.3 | 0.64 | 0.74 | |
| | ● 12 | 57 | 11.1 | 0.66 | 0.76 | |
| | ● 14 | 59 | 12.6 | 0.70 | 0.81 | |
| | ● 16 | 61 | 14.3 | 0.74 | 0.85 | |
| | ● 18 | 63 | 16.1 | 0.78 | 0.90 | |
| | ● 20 | 65 | 18.6 | 0.85 | 0.98 | |
| | ● 22 | 65 | 20.7 | 0.94 | 1.09 | |
| | ● 24 | 63 | 22.3 | 1.08 | 1.25 | |
| ○ 26 | 65 | 24.3 | 1.11 | 1.28 | | |
| 60 | ● 04 | 39 | 3.8 | 0.48 | 0.56 | |
| | ● 06 | 45 | 6.1 | 0.58 | 0.67 | |
| | ● 08 | 49 | 8.4 | 0.67 | 0.78 | |
| | ● 10 | 53 | 10.1 | 0.69 | 0.80 | |
| | ● 12 | 59 | 12.0 | 0.66 | 0.77 | |
| | ● 14 | 61 | 14.3 | 0.74 | 0.85 | |
| | ● 16 | 65 | 15.9 | 0.72 | 0.84 | |
| | ● 18 | 65 | 17.8 | 0.81 | 0.94 | |
| | ● 20 | 67 | 20.1 | 0.86 | 1.00 | |
| | ● 22 | 71 | 23.2 | 0.89 | 1.02 | |
| | ● 24 | 69 | 24.7 | 1.00 | 1.15 | |
| ○ 26 | 73 | 26.7 | 0.96 | 1.11 | | |
| 70 | ● 04 | 39 | 4.7 | 0.60 | 0.69 | |
| | ● 06 | 45 | 6.7 | 0.64 | 0.74 | |
| | ● 08 | 49 | 9.0 | 0.72 | 0.83 | |
| | ● 10 | 55 | 11.1 | 0.71 | 0.82 | |
| | ● 12 | 59 | 13.2 | 0.73 | 0.84 | |
| | ● 14 | 63 | 15.3 | 0.74 | 0.86 | |
| | ● 16 | 67 | 17.2 | 0.74 | 0.85 | |
| | ● 18 | 67 | 19.3 | 0.83 | 0.96 | |
| | ● 20 | 71 | 22.0 | 0.84 | 0.97 | |
| | ● 22 | 73 | 25.2 | 0.91 | 1.05 | |
| | ● 24 | 75 | 27.0 | 0.92 | 1.07 | |
| ○ 26 | 75 | 29.4 | 1.01 | 1.16 | | |
| 80 | ● 04 | 39 | 5.0 | 0.63 | 0.73 | |
| | ● 06 | 45 | 7.1 | 0.68 | 0.78 | |
| | ● 08 | 49 | 9.8 | 0.79 | 0.91 | |
| | ● 10 | 55 | 11.8 | 0.75 | 0.87 | |
| | ● 12 | 61 | 14.2 | 0.73 | 0.85 | |
| | ● 14 | 63 | 16.4 | 0.80 | 0.92 | |
| | ● 16 | 67 | 18.6 | 0.80 | 0.92 | |
| | ● 18 | 69 | 20.9 | 0.85 | 0.98 | |
| | ● 20 | 71 | 23.9 | 0.91 | 1.05 | |
| | ● 22 | 75 | 27.3 | 0.93 | 1.08 | |
| | ● 24 | 77 | 29.2 | 0.95 | 1.10 | |
| ○ 26 | 79 | 31.5 | 0.97 | 1.12 | | |

| Pressure psi | Nozzle | Radius ft. | Flow gpm | ■ Precip In/h | ▲ Precip In/h |
|--------------|--------|------------|----------|---------------|---------------|
| 90 | ● 12 | 61 | 14.7 | 0.76 | 0.88 |
| | ● 14 | 65 | 17.9 | 0.82 | 0.94 |
| | ● 16 | 69 | 20.0 | 0.81 | 0.93 |
| | ● 18 | 71 | 22.2 | 0.85 | 0.98 |
| | ● 20 | 73 | 25.3 | 0.91 | 1.06 |
| | ● 22 | 75 | 29.1 | 1.00 | 1.15 |
| | ● 24 | 79 | 31.0 | 0.96 | 1.10 |
| | ○ 26 | 79 | 33.7 | 1.04 | 1.20 |
| 100 | ● 20 | 75 | 26.8 | 0.85 | 0.97 |
| | ● 22 | 77 | 30.7 | 1.00 | 1.15 |
| | ● 24 | 79 | 32.8 | 1.01 | 1.17 |
| | ○ 26 | 81 | 36.3 | 1.07 | 1.23 |

Precipitation rates based on half-circle operation

■ Square spacing based on 50% diameter of throw

▲ Triangular spacing based on 50% diameter of throw

Performance data collected in zero wind conditions

Performance data derived from tests that conform with ASAE Standards; ASAE S398.1.

See page 224 for complete ASAE Test Certification Statement.



7005/8005 Cutaway

Nozzles for 7005 Rotor

Nozzles for 8005 Rotor

| 7005/8005 Nozzle Performance | | | | | | METRIC | |
|------------------------------|--------|----------|------------------------|----------|-------------|-------------|--|
| Pressure bar | Nozzle | Radius m | Flow m ³ /h | Flow l/m | Precip mm/h | Precip mm/h | |
| 3.5 | ● 4 | 11.9 | 0.86 | 14.38 | 12 | 14 | |
| | ● 6 | 13.7 | 1.28 | 21.34 | 14 | 16 | |
| | ● 8 | 14.9 | 1.59 | 25.50 | 14 | 16 | |
| | ● 10 | 16.1 | 2.10 | 35.43 | 16 | 19 | |
| | ● 12 | 17.5 | 2.52 | 42.27 | 16 | 19 | |
| | ● 14 | 18.0 | 2.89 | 48.18 | 18 | 21 | |
| | ● 16 | 18.7 | 3.28 | 54.59 | 19 | 22 | |
| | ● 18 | 19.2 | 3.69 | 61.43 | 20 | 23 | |
| | ● 20 | 19.9 | 4.25 | 70.83 | 21 | 25 | |
| | ● 22 | 20.0 | 5.08 | 79.07 | 25 | 29 | |
| | ● 24 | 19.3 | 5.11 | 85.10 | 27 | 32 | |
| ○ 26 | 20.0 | 5.57 | 92.67 | 28 | 32 | | |
| 4.0 | ● 4 | 11.9 | 0.93 | 14.38 | 13 | 15 | |
| | ● 6 | 13.7 | 1.37 | 22.71 | 15 | 17 | |
| | ● 8 | 14.9 | 1.75 | 30.44 | 16 | 18 | |
| | ● 10 | 16.3 | 2.30 | 37.63 | 17 | 20 | |
| | ● 12 | 17.7 | 2.70 | 44.74 | 17 | 20 | |
| | ● 14 | 18.5 | 3.17 | 52.85 | 19 | 21 | |
| | ● 16 | 19.6 | 3.54 | 58.98 | 18 | 21 | |
| | ● 18 | 19.7 | 3.97 | 66.10 | 20 | 24 | |
| | ● 20 | 20.3 | 4.50 | 74.95 | 22 | 25 | |
| | ● 22 | 21.3 | 5.23 | 85.94 | 23 | 27 | |
| | ● 24 | 20.7 | 5.50 | 91.69 | 26 | 30 | |
| ○ 26 | 21.8 | 6.01 | 99.26 | 25 | 29 | | |
| 4.5 | ● 4 | 11.9 | 1.00 | 16.18 | 14 | 16 | |
| | ● 6 | 13.7 | 1.45 | 24.28 | 15 | 18 | |
| | ● 8 | 14.9 | 1.92 | 32.99 | 17 | 20 | |
| | ● 10 | 16.5 | 2.40 | 40.22 | 18 | 20 | |
| | ● 12 | 18.0 | 2.87 | 47.81 | 18 | 20 | |
| | ● 14 | 18.9 | 3.37 | 56.12 | 19 | 22 | |
| | ● 16 | 20.1 | 3.77 | 62.77 | 19 | 22 | |
| | ● 18 | 20.1 | 4.22 | 70.36 | 21 | 24 | |
| | ● 20 | 21.1 | 4.79 | 79.87 | 22 | 25 | |
| | ● 22 | 22.0 | 5.51 | 91.80 | 23 | 26 | |
| | ● 24 | 22.0 | 5.88 | 98.08 | 24 | 28 | |
| ○ 26 | 22.6 | 6.42 | 106.44 | 25 | 29 | | |
| 5.0 | ● 4 | 11.9 | 1.06 | 18.08 | 15 | 17 | |
| | ● 6 | 13.7 | 1.54 | 25.74 | 16 | 19 | |
| | ● 8 | 14.9 | 2.09 | 34.83 | 19 | 22 | |
| | ● 10 | 16.7 | 2.50 | 42.68 | 18 | 21 | |
| | ● 12 | 18.3 | 3.05 | 50.92 | 18 | 21 | |
| | ● 14 | 19.2 | 3.54 | 58.96 | 19 | 22 | |
| | ● 16 | 20.4 | 3.99 | 66.44 | 19 | 22 | |
| | ● 18 | 20.6 | 4.47 | 74.58 | 21 | 24 | |
| | ● 20 | 21.6 | 5.11 | 85.08 | 22 | 25 | |
| | ● 22 | 22.4 | 5.84 | 97.39 | 23 | 27 | |
| | ● 24 | 23.0 | 6.26 | 104.29 | 24 | 27 | |
| ○ 26 | 23.2 | 6.80 | 113.28 | 25 | 29 | | |

Nozzles for 7005 Rotor

Nozzles for 8005 Rotor

| Pressure bar | Nozzle | Radius m | Flow m ³ /h | Flow l/m | Precip mm/h | Precip mm/h | |
|--------------|--------|----------|------------------------|----------|-------------|-------------|----|
| 5.5 | ● 4 | 11.9 | 1.13 | 18.90 | 16 | 18 | |
| | ● 6 | 13.7 | 1.62 | 26.84 | 17 | 20 | |
| | ● 8 | 14.9 | 2.25 | 37.02 | 20 | 23 | |
| | ● 10 | 16.8 | 2.70 | 44.60 | 19 | 22 | |
| | ● 12 | 18.5 | 3.23 | 53.66 | 19 | 22 | |
| | ● 14 | 19.2 | 3.72 | 61.98 | 20 | 23 | |
| | ● 16 | 20.4 | 4.22 | 70.28 | 20 | 23 | |
| | ● 18 | 21.0 | 4.74 | 78.97 | 21 | 25 | |
| | ● 20 | 21.6 | 5.42 | 90.30 | 23 | 27 | |
| | ● 22 | 22.8 | 6.19 | 103.15 | 24 | 28 | |
| | ● 24 | 23.5 | 6.62 | 110.33 | 24 | 28 | |
| ○ 26 | 24.1 | 7.14 | 119.05 | 25 | 28 | | |
| 6.0 | ● 12 | 18.6 | 3.30 | 55.07 | 19 | 22 | |
| | ● 14 | 19.6 | 3.96 | 66.06 | 21 | 24 | |
| | ● 16 | 20.9 | 4.45 | 74.12 | 20 | 24 | |
| | ● 18 | 21.5 | 4.95 | 82.56 | 21 | 25 | |
| | ● 20 | 22.1 | 5.65 | 94.18 | 23 | 27 | |
| | ● 22 | 22.9 | 6.71 | 108.12 | 26 | 30 | |
| | ● 24 | 23.9 | 6.92 | 115.31 | 24 | 28 | |
| | ○ 26 | 24.1 | 7.50 | 125.08 | 26 | 30 | |
| | 6.2 | ● 14 | 19.8 | 4.06 | 67.75 | 21 | 24 |
| | | ● 16 | 21.0 | 4.54 | 75.70 | 21 | 24 |
| | | ● 18 | 21.7 | 5.04 | 84.02 | 21 | 25 |
| 6.5 | ● 20 | 22.5 | 5.89 | 98.19 | 23 | 27 | |
| | ● 22 | 23.4 | 6.84 | 112.73 | 25 | 29 | |
| | ● 24 | 24.1 | 7.22 | 120.25 | 25 | 29 | |
| | ○ 26 | 24.3 | 7.91 | 131.76 | 27 | 31 | |
| 6.9 | ● 20 | 22.9 | 6.09 | 101.43 | 23 | 27 | |
| | ● 22 | 23.5 | 6.97 | 116.19 | 25 | 29 | |
| | ● 24 | 24.1 | 7.45 | 124.14 | 26 | 30 | |
| | ○ 26 | 24.7 | 8.24 | 137.39 | 27 | 31 | |

Precipitation rates based on half-circle operation

■ Square spacing based on 50% diameter of throw

▲ Triangular spacing based on 50% diameter of throw

Performance data collected in zero wind conditions

Performance data derived from tests that conform with ASAE Standards; ASAE S398.1. See page 224 for complete ASAE Test Certification Statement.



7005/8005 Rain Curtain™ Nozzles

8005-Only Nozzles