

Binary Nozzle Z-FA

MC

Output Water (l/h) - Air required (NI/min.)

| Type | Liquid pressure (bar) | | | | | | | | | | | | | | Spray pattern dimensions | | | | | | | |
|--------|-----------------------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------------|-------------|-------------|---------|--------------------------|---------|------------|------|------|------|------|------|
| | 0.2 | | 0.35 | | 0.7 | | 1.4 | | 2.8 | | Air pres. (bar) | Water (bar) | Spray angle | A 15 cm | B 23 cm | C 38 cm | E max. (m) | | | | | |
| | Comp. Air | Output Water | Comp. Air | Output Water | Comp. Air | Output Water | Comp. Air | Output Water | Comp. Air | Output Water | | | | | | | | | | | | |
| Z-FA 1 | 0.34 | | 22.1 | 0.34 | | 22.1 | 0.41 | | 24.9 | 0.55 | | 28.3 | 0.69 | | 34.0 | 0.55 | 0.69 | 65° | 20.3 | 27.9 | 33.0 | 1.2 |
| | 0.41 | | 24.9 | 0.41 | | 24.9 | 0.55 | | 28.3 | 0.69 | | 34.0 | 1.03 | | 45.3 | 1.03 | 1.38 | to | 22.9 | 30.5 | 40.6 | 1.8 |
| | 0.48 | 3.0 | 27.5 | 0.55 | 3.8 | 28.3 | 0.69 | 5.3 | 34.0 | 1.03 | 7.6 | 45.3 | 1.72 | 10.6 | 62.3 | 1.38 | 1.38 | to | 27.9 | 33.0 | 43.2 | 2.4 |
| | 0.55 | | 28.3 | 0.69 | | 34.0 | 0.83 | | 39.6 | 1.38 | | 53.8 | 2.41 | | 79.3 | 1.03 | 2.07 | 90° | 25.4 | 30.5 | 40.6 | 2.7 |
| | | | | | | | | | | | | | | | | | | | | 27.9 | 33.0 | 40.6 |
| Z-FA 2 | 0.34 | | 22.1 | 0.34 | | 22.1 | 0.55 | | 28.3 | 0.69 | | 34.0 | 1.03 | | 45.3 | 1.03 | 0.69 | 85° | 27.9 | 33.0 | 40.6 | 1.5 |
| | 0.55 | 4.5 | 28.3 | 0.69 | 6.1 | 34.0 | 0.69 | 8.3 | 34.0 | 1.38 | 11.7 | 53.8 | 1.38 | 16.7 | 53.8 | 0.69 | 1.38 | to | 30.5 | 38.1 | 48.3 | 2.1 |
| | 0.69 | | 34.0 | 1.03 | | 45.3 | 1.38 | | 53.8 | 2.07 | | 70.8 | 2.07 | | 70.8 | 2.41 | 1.38 | 105° | 35.6 | 43.2 | 55.9 | 2.4 |
| | 1.03 | | 45.3 | 1.38 | | 53.8 | 2.07 | | 70.8 | 2.41 | | 79.3 | 2.41 | | 79.3 | 1.72 | 2.07 | 108° | 38.1 | 45.7 | 58.4 | 2.7 |
| | | | | | | | | | | | | | | | | | | | | 40.6 | 48.3 | 66.0 |
| Z-FA 3 | 0.41 | | 24.9 | 0.41 | | 24.9 | 0.41 | | 24.9 | 0.69 | | 34.0 | 1.38 | | 53.8 | 0.55 | 0.34 | 100° | 35.6 | 48.3 | 61.0 | 1.8 |
| | 0.48 | 8.7 | 27.5 | 0.55 | 11.4 | 28.3 | 0.55 | 15.9 | 28.3 | 0.83 | 22.3 | 39.6 | 1.72 | 31.8 | 62.3 | 0.69 | 1.38 | to | 38.1 | 48.3 | 63.5 | 1.8 |
| | 0.55 | | 28.3 | 0.62 | | 31.2 | 0.69 | | 34.0 | 1.03 | | 45.3 | 2.07 | | 70.8 | 1.38 | 1.38 | 108° | 40.6 | 50.8 | 66.0 | 2.1 |
| | 0.69 | | 34.0 | 0.69 | | 34.0 | 0.83 | | 39.6 | 1.38 | | 53.8 | 2.41 | | 79.3 | 1.72 | 2.07 | 108° | 43.2 | 53.3 | 66.0 | 2.4 |
| | | | | | | | | | | | | | | | | | | | | 40.6 | 50.8 | 68.6 |
| Z-FA 4 | 0.55 | | 90.6 | 0.69 | | 102.0 | 1.38 | | 155.8 | 2.07 | | 209.6 | 3.10 | | 283.2 | 1.38 | 0.34 | 95° | 33.0 | 38.1 | 48.3 | 3.8 |
| | 0.69 | 13.6 | 102.0 | 1.03 | 17.8 | 130.3 | 2.07 | 25.0 | 209.6 | 2.76 | 35.2 | 257.7 | 4.14 | 50.0 | 356.8 | 2.07 | 1.38 | to | 33.0 | 40.6 | 55.9 | 4.3 |
| | 1.03 | | 130.3 | 1.72 | | 184.1 | 2.41 | | 235.1 | 3.45 | | 308.7 | 5.17 | | 430.5 | 3.10 | 1.38 | 105° | 35.6 | 45.7 | 58.4 | 4.0 |
| | 1.38 | | 155.8 | 2.07 | | 209.6 | 2.76 | | 257.7 | 4.14 | | 356.8 | 5.52 | | 453.1 | 4.14 | 2.76 | 105° | 38.1 | 48.3 | 66.0 | 4.6 |
| | | | | | | | | | | | | | | | | | | | | 40.6 | 50.8 | 68.6 |
| Z-FA 5 | 0.55 | | 90.6 | 0.69 | | 102.0 | 1.03 | | 130.3 | 2.41 | | 235.1 | 3.45 | | 308.7 | 1.03 | 0.21 | 95° | 33.0 | 38.1 | 50.8 | 3.5 |
| | 1.03 | 18.2 | 130.3 | 1.38 | 23.5 | 155.8 | 1.72 | 32.9 | 184.1 | 3.10 | 46.6 | 283.2 | 4.48 | 65.9 | 382.3 | 2.41 | 1.38 | to | 35.6 | 48.3 | 63.5 | 3.0 |
| | 1.38 | | 155.8 | 1.72 | | 184.1 | 2.41 | | 235.1 | 3.79 | | 331.3 | 5.86 | | 475.8 | 3.10 | 1.38 | 105° | 38.1 | 45.7 | 58.4 | 3.8 |
| | 1.72 | | 184.1 | 2.07 | | 209.6 | 2.76 | | 257.7 | 4.14 | | 356.8 | 6.55 | | 523.9 | 4.14 | 2.07 | 105° | 30.5 | 43.2 | 58.4 | 4.9 |
| | | | | | | | | | | | | | | | | | | | | 33.0 | 43.2 | 61.0 |
| Z-FA 6 | 0.69 | | 102.0 | 1.03 | | 130.3 | 1.72 | | 184.1 | 3.10 | | 282.2 | 5.17 | | 430.5 | 2.07 | 0.34 | 105° | 40.6 | 55.9 | 76.2 | 3.7 |
| | 1.03 | 37.5 | 130.3 | 1.38 | 48.1 | 155.8 | 2.07 | 68.1 | 209.6 | 3.45 | 96.5 | 308.7 | 5.86 | 136.3 | 475.8 | 3.10 | 1.38 | to | 45.7 | 58.4 | 81.3 | 4.0 |
| | 1.38 | | 155.8 | 2.07 | | 209.6 | 2.76 | | 257.7 | 4.83 | | 405.0 | 6.55 | | 523.9 | 4.48 | 1.38 | 110° | 48.3 | 58.4 | 78.7 | 4.3 |
| | 1.75 | | 184.1 | 2.41 | | 235.1 | 3.10 | | 283.2 | 5.52 | | 453.1 | 6.90 | | 549.4 | 5.52 | 2.07 | 110° | 43.2 | 53.3 | 76.2 | 4.9 |
| | | | | | | | | | | | | | | | | | | | | 38.1 | 50.8 | 66.0 |
| Z-FA 7 | 1.72 | | 235.1 | 1.72 | | 235.1 | 2.41 | | 297.4 | 3.79 | | 410.6 | | | | 1.72 | 0.21 | 54° | 15.2 | 20.3 | 29.2 | 3.0 |
| | 2.07 | | 260.5 | 2.07 | | 260.5 | 2.76 | | 328.5 | 4.14 | | 444.6 | | | | 2.76 | 0.21 | 54° | 15.2 | 20.3 | 30.5 | 3.4 |
| | 2.41 | 37.9 | 297.4 | 2.41 | 48.8 | 297.4 | 3.10 | 68.1 | 354.0 | 4.48 | 96.5 | 481.4 | | | | 2.76 | 0.34 | to | 15.2 | 20.3 | 30.5 | 4.0 |
| | 2.76 | | 328.5 | 2.76 | | 328.5 | 3.45 | | 379.5 | 4.83 | | 521.1 | | | | 3.45 | 0.69 | to | 16.5 | 21.6 | 31.8 | 4.3 |
| | 3.10 | | 354.0 | 3.10 | | 354.0 | 3.79 | | 410.6 | 5.17 | | 566.4 | | | | 3.79 | 1.38 | 58° | 16.5 | 21.6 | 34.3 | 4.6 |
| Z-FA 8 | 2.07 | | 260.5 | 2.76 | | 328.5 | 3.79 | | 410.6 | 4.83 | | 521.1 | | | | 2.07 | 0.21 | 54° | 16.5 | 24.1 | 34.3 | 3.5 |
| | 2.41 | 65.9 | 297.4 | 3.10 | 85.2 | 354.0 | 4.14 | 119.2 | 444.6 | 5.17 | 169.2 | 566.4 | | | | 3.10 | 0.21 | 54° | 17.8 | 24.1 | 35.6 | 4.3 |
| | 2.76 | | 328.5 | 3.45 | | 379.5 | 4.48 | | 481.4 | 5.52 | | 600.4 | | | | 3.79 | 0.34 | to | 17.8 | 25.4 | 35.6 | 4.9 |
| | 3.10 | | 354.0 | 3.79 | | 410.6 | 4.83 | | 521.1 | 5.86 | | 637.2 | | | | 4.83 | 0.69 | to | 17.8 | 25.4 | 35.6 | 5.5 |
| | 3.45 | | 379.5 | 4.14 | | 444.6 | 5.17 | | 566.4 | 6.21 | | 685.3 | | | | 4.83 | 1.38 | 65° | 20.3 | 25.4 | 38.1 | 5.5 |
| Z-FA 9 | 2.76 | | 328.5 | 3.45 | | 379.5 | 4.48 | | 481.4 | 5.52 | | 600.4 | | | | 2.76 | 0.21 | 65° | 20.3 | 25.4 | 36.8 | 4.9 |
| | 3.10 | 105.6 | 354.0 | 3.79 | 136.3 | 410.6 | 4.83 | 191.5 | 521.1 | 5.86 | 272.6 | 637.2 | | | | 3.79 | 0.21 | 65° | 21.6 | 26.7 | 38.1 | 5.5 |
| | 3.45 | | 379.5 | 4.14 | | 444.6 | 5.17 | | 566.4 | 6.21 | | 685.3 | | | | 4.48 | 0.34 | to | 20.3 | 25.4 | 36.8 | 5.2 |
| | 3.79 | | 410.6 | 4.48 | | 481.4 | 5.52 | | 600.4 | 6.21 | | 685.3 | | | | 5.17 | 0.69 | to | 21.6 | 26.7 | 38.1 | 5.5 |
| | 4.14 | | 444.6 | 4.83 | | 521.1 | 5.86 | | 637.2 | 6.21 | | 685.3 | | | | 5.52 | 1.03 | 70° | 21.6 | 26.7 | 40.6 | 5.5 |
| 4.83 | | 521.1 | 5.52 | | 600.4 | 6.21 | | 685.3 | 6.21 | | 685.3 | | | | 5.86 | 1.38 | 70° | 21.6 | 26.7 | 40.6 | 6.1 | |