

StreamJet SJ3 Fertilizer Nozzles



Typical Applications:

- Excellent for application of liquid fertilizer on bare ground or in standing crop.
- 3-stream pattern is ideal for directed application.

Features:

- VisiFlo® color-coding system.
- Three solid streams of equal velocity and capacity.
- Removable metering orifice for easy cleaning.
- Ten sizes for a wide range of application rates.

- Equally spaced distribution at 20" (50 cm) height.
- Use with Quick TeeJet® cap 25598-*-NYR.
- All acetal construction for excellent chemical resistance.
- See page 141 for liquid density conversion factors.
- Recommended operating pressure: 20–60 PSI (1.5–4 bar).
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.

Optimum Spray Height

| | |
|--------|--------|
| | |
| 50 cm | 50 cm |
| 75 cm | 75 cm |
| 100 cm | 100 cm |



How to order:

Specify tip number.

Example:
SJ3-03-VP – Polymer with VisiFlo color-coding

| Nozzle | bar | CAPACITY ONE NOZZLE IN l/min | l/ha | | | | | | | | | |
|------------------|-----|------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| | | | 4 km/h | 6 km/h | 8 km/h | 10 km/h | 12 km/h | 16 km/h | 20 km/h | 25 km/h | 30 km/h | 35 km/h |
| SJ3-015-VP (100) | 1.5 | 0.44 | 132 | 88.0 | 66.0 | 52.8 | 44.0 | 33.0 | 26.4 | 21.1 | 17.6 | 15.1 |
| | 2.0 | 0.50 | 150 | 100 | 75.0 | 60.0 | 50.0 | 37.5 | 30.0 | 24.0 | 20.0 | 17.1 |
| | 2.5 | 0.54 | 162 | 108 | 81.0 | 64.8 | 54.0 | 40.5 | 32.4 | 25.9 | 21.6 | 18.5 |
| | 3.0 | 0.58 | 174 | 116 | 87.0 | 69.6 | 58.0 | 43.5 | 34.8 | 27.8 | 23.2 | 19.9 |
| | 4.0 | 0.65 | 195 | 130 | 97.5 | 78.0 | 65.0 | 48.8 | 39.0 | 31.2 | 26.0 | 22.3 |
| SJ3-02-VP (50) | 1.5 | 0.57 | 171 | 114 | 85.5 | 68.4 | 57.0 | 42.8 | 34.2 | 27.4 | 22.8 | 19.5 |
| | 2.0 | 0.64 | 192 | 128 | 96.0 | 76.8 | 64.0 | 48.0 | 38.4 | 30.7 | 25.6 | 21.9 |
| | 2.5 | 0.70 | 210 | 140 | 105 | 84.0 | 70.0 | 52.5 | 42.0 | 33.6 | 28.0 | 24.0 |
| | 3.0 | 0.78 | 234 | 156 | 117 | 93.6 | 78.0 | 58.5 | 46.8 | 37.4 | 31.2 | 26.7 |
| | 4.0 | 0.85 | 255 | 170 | 128 | 102 | 85.0 | 63.8 | 51.0 | 40.8 | 34.0 | 29.1 |
| SJ3-03-VP (50) | 1.5 | 0.91 | 273 | 182 | 137 | 109 | 91.0 | 68.3 | 54.6 | 43.7 | 36.4 | 31.2 |
| | 2.0 | 1.01 | 303 | 202 | 152 | 121 | 101 | 75.8 | 60.6 | 48.5 | 40.4 | 34.6 |
| | 2.5 | 1.10 | 330 | 220 | 165 | 132 | 110 | 82.5 | 66.0 | 52.8 | 44.0 | 37.7 |
| | 3.0 | 1.18 | 354 | 236 | 177 | 142 | 118 | 88.5 | 70.8 | 56.6 | 47.2 | 40.5 |
| | 4.0 | 1.31 | 393 | 262 | 197 | 157 | 131 | 98.3 | 78.6 | 62.9 | 52.4 | 44.9 |
| SJ3-04-VP (50) | 1.5 | 1.17 | 351 | 234 | 176 | 140 | 117 | 87.8 | 70.2 | 56.2 | 46.8 | 40.1 |
| | 2.0 | 1.32 | 396 | 264 | 198 | 158 | 132 | 99.0 | 79.2 | 63.4 | 52.8 | 45.3 |
| | 2.5 | 1.45 | 435 | 290 | 218 | 174 | 145 | 109 | 87.0 | 69.6 | 58.0 | 49.7 |
| | 3.0 | 1.56 | 468 | 312 | 234 | 187 | 156 | 117 | 93.6 | 74.9 | 62.4 | 53.5 |
| | 4.0 | 1.75 | 525 | 350 | 263 | 210 | 175 | 131 | 105 | 84.0 | 70.0 | 60.0 |
| SJ3-05-VP (50) | 1.5 | 1.42 | 426 | 284 | 213 | 170 | 142 | 107 | 85.2 | 68.2 | 56.8 | 48.7 |
| | 2.0 | 1.63 | 489 | 326 | 245 | 196 | 163 | 122 | 97.8 | 78.2 | 65.2 | 55.9 |
| | 2.5 | 1.82 | 546 | 364 | 273 | 218 | 182 | 137 | 109 | 87.4 | 72.8 | 62.4 |
| | 3.0 | 1.96 | 588 | 392 | 294 | 235 | 196 | 147 | 118 | 94.1 | 78.4 | 67.2 |
| | 4.0 | 2.18 | 654 | 436 | 327 | 262 | 218 | 164 | 131 | 105 | 87.2 | 74.7 |
| SJ3-06-VP (50) | 1.5 | 1.69 | 507 | 338 | 254 | 203 | 169 | 127 | 101 | 81.1 | 67.6 | 57.9 |
| | 2.0 | 1.97 | 591 | 394 | 296 | 236 | 197 | 148 | 118 | 94.6 | 78.8 | 67.5 |
| | 2.5 | 2.21 | 663 | 442 | 332 | 265 | 221 | 166 | 133 | 106 | 88.4 | 75.8 |
| | 3.0 | 2.40 | 720 | 480 | 360 | 288 | 240 | 180 | 144 | 115 | 96.0 | 82.3 |
| | 4.0 | 2.63 | 789 | 526 | 395 | 316 | 263 | 197 | 158 | 126 | 105 | 90.2 |
| SJ3-08-VP | 1.5 | 2.32 | 696 | 464 | 348 | 278 | 232 | 174 | 139 | 111 | 92.8 | 79.5 |
| | 2.0 | 2.74 | 822 | 548 | 411 | 329 | 274 | 206 | 164 | 132 | 110 | 93.9 |
| | 2.5 | 2.94 | 882 | 588 | 441 | 353 | 294 | 221 | 176 | 141 | 118 | 101 |
| | 3.0 | 3.13 | 939 | 626 | 470 | 376 | 313 | 235 | 188 | 150 | 125 | 107 |
| | 4.0 | 3.50 | 1050 | 700 | 525 | 420 | 350 | 263 | 210 | 168 | 140 | 120 |
| SJ3-10-VP | 1.5 | 2.73 | 819 | 546 | 410 | 328 | 273 | 205 | 164 | 131 | 109 | 93.6 |
| | 2.0 | 3.30 | 990 | 660 | 495 | 396 | 330 | 248 | 198 | 158 | 132 | 113 |
| | 2.5 | 3.55 | 1065 | 710 | 533 | 426 | 355 | 266 | 213 | 170 | 142 | 122 |
| | 3.0 | 3.91 | 1173 | 782 | 587 | 469 | 391 | 293 | 235 | 188 | 156 | 134 |
| | 4.0 | 4.44 | 1332 | 888 | 666 | 533 | 444 | 333 | 266 | 213 | 178 | 152 |
| SJ3-15-VP | 1.5 | 3.91 | 1173 | 782 | 587 | 469 | 391 | 293 | 235 | 188 | 156 | 134 |
| | 2.0 | 4.64 | 1392 | 928 | 696 | 557 | 464 | 348 | 278 | 223 | 186 | 159 |
| | 2.5 | 5.29 | 1587 | 1058 | 794 | 635 | 529 | 397 | 317 | 254 | 212 | 181 |
| | 3.0 | 5.86 | 1758 | 1172 | 879 | 703 | 586 | 440 | 352 | 281 | 234 | 201 |
| | 4.0 | 6.76 | 2028 | 1352 | 1014 | 811 | 676 | 507 | 406 | 324 | 270 | 232 |
| SJ3-20-VP | 1.5 | 5.58 | 1674 | 1116 | 837 | 670 | 558 | 419 | 335 | 268 | 223 | 191 |
| | 2.0 | 6.48 | 1944 | 1296 | 972 | 778 | 648 | 486 | 389 | 311 | 259 | 222 |
| | 2.5 | 7.31 | 2193 | 1462 | 1097 | 877 | 731 | 548 | 439 | 351 | 292 | 251 |
| | 3.0 | 8.05 | 2415 | 1610 | 1208 | 966 | 805 | 604 | 483 | 386 | 322 | 276 |
| | 4.0 | 9.31 | 2793 | 1862 | 1397 | 1117 | 931 | 698 | 559 | 447 | 372 | 319 |

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.



StreamJet SJ7 Fertilizer Nozzles

Typical Application:

- Excellent for application of liquid fertilizer on bare ground or in standing crop.
- 7-stream pattern is ideal for broadcast application.

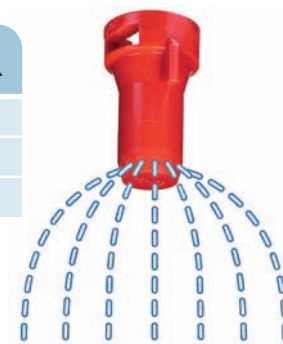
Features:

- Creates seven identical fluid streams of equal velocity and capacity.
- Excellent spray distribution quality.

- Removable metering orifice for easy cleaning.
- Offered in a variety of sizes for a wide range of application rates.
- VisiFlo® color-coding for easy capacity identification.
- All acetal construction for excellent chemical resistance.
- Recommended operating pressure: 20–60 PSI (1.5–4 bar).
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.

Optimum Spray Height

| | |
|--------|--------|
| | |
| 50 cm | 50 cm |
| 75 cm | 75 cm |
| 100 cm | 100 cm |



How to order:
Specify nozzle number.
Example: SJ7-04-VP



**50854-NYB
Extension Adapter**



| Nozzle Model | Pressure (bar) | Capacity One Nozzle (l/min) | I/ha | | | | | | | | | |
|------------------|----------------|-----------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| | | | 4 km/h | 6 km/h | 8 km/h | 10 km/h | 12 km/h | 16 km/h | 20 km/h | 25 km/h | 30 km/h | 35 km/h |
| SJ7-015-VP (100) | 1.5 | 0.39 | 117 | 78.0 | 58.5 | 46.8 | 39.0 | 29.3 | 23.4 | 18.7 | 15.6 | 13.4 |
| | 2.0 | 0.46 | 138 | 92.0 | 69.0 | 55.2 | 46.0 | 34.5 | 27.6 | 22.1 | 18.4 | 15.8 |
| | 2.5 | 0.52 | 156 | 104 | 78.0 | 62.4 | 52.0 | 39.0 | 31.2 | 25.0 | 20.8 | 17.8 |
| | 3.0 | 0.57 | 171 | 114 | 85.5 | 68.4 | 57.0 | 42.8 | 34.2 | 27.4 | 22.8 | 19.5 |
| | 4.0 | 0.67 | 201 | 134 | 101 | 80.4 | 67.0 | 50.3 | 40.2 | 32.2 | 26.8 | 23.0 |
| SJ7-02-VP (50) | 1.5 | 0.55 | 165 | 110 | 82.5 | 66.0 | 55.0 | 41.3 | 33.0 | 26.4 | 22.0 | 18.9 |
| | 2.0 | 0.64 | 192 | 128 | 96.0 | 76.8 | 64.0 | 48.0 | 38.4 | 30.7 | 25.6 | 21.9 |
| | 2.5 | 0.72 | 216 | 144 | 108 | 86.4 | 72.0 | 54.0 | 43.2 | 34.6 | 28.8 | 24.7 |
| | 3.0 | 0.80 | 240 | 160 | 120 | 96.0 | 80.0 | 60.0 | 48.0 | 38.4 | 32.0 | 27.4 |
| | 4.0 | 0.93 | 279 | 186 | 140 | 112 | 93.0 | 69.8 | 55.8 | 44.6 | 37.2 | 31.9 |
| SJ7-03-VP (50) | 1.5 | 0.87 | 261 | 174 | 131 | 104 | 87.0 | 65.3 | 52.2 | 41.8 | 34.8 | 29.8 |
| | 2.0 | 1.00 | 300 | 200 | 150 | 120 | 100 | 75.0 | 60.0 | 48.0 | 40.0 | 34.3 |
| | 2.5 | 1.10 | 330 | 220 | 165 | 132 | 110 | 82.5 | 66.0 | 52.8 | 44.0 | 37.7 |
| | 3.0 | 1.18 | 354 | 236 | 177 | 142 | 118 | 88.5 | 70.8 | 56.6 | 47.2 | 40.5 |
| | 4.0 | 1.31 | 393 | 262 | 197 | 157 | 131 | 98.3 | 78.6 | 62.9 | 52.4 | 44.9 |
| SJ7-04-VP (50) | 1.5 | 1.17 | 351 | 234 | 176 | 140 | 117 | 87.8 | 70.2 | 56.2 | 46.8 | 40.1 |
| | 2.0 | 1.33 | 399 | 266 | 200 | 160 | 133 | 99.8 | 79.8 | 63.8 | 53.2 | 45.6 |
| | 2.5 | 1.45 | 435 | 290 | 218 | 174 | 145 | 109 | 87.0 | 69.6 | 58.0 | 49.7 |
| | 3.0 | 1.55 | 465 | 310 | 233 | 186 | 155 | 116 | 93.0 | 74.4 | 62.0 | 53.1 |
| | 4.0 | 1.72 | 516 | 344 | 258 | 206 | 172 | 129 | 103 | 82.6 | 68.8 | 59.0 |
| SJ7-05-VP (50) | 1.5 | 1.49 | 447 | 298 | 224 | 179 | 149 | 112 | 89.4 | 71.5 | 59.6 | 51.1 |
| | 2.0 | 1.68 | 504 | 336 | 252 | 202 | 168 | 126 | 101 | 80.6 | 67.2 | 57.6 |
| | 2.5 | 1.83 | 549 | 366 | 275 | 220 | 183 | 137 | 110 | 87.8 | 73.2 | 62.7 |
| | 3.0 | 1.95 | 585 | 390 | 293 | 234 | 195 | 146 | 117 | 93.6 | 78.0 | 66.9 |
| | 4.0 | 2.16 | 648 | 432 | 324 | 259 | 216 | 162 | 130 | 104 | 86.4 | 74.1 |
| SJ7-06-VP (50) | 1.5 | 1.77 | 531 | 354 | 266 | 212 | 177 | 133 | 106 | 85.0 | 70.8 | 60.7 |
| | 2.0 | 2.01 | 603 | 402 | 302 | 241 | 201 | 151 | 121 | 96.5 | 80.4 | 68.9 |
| | 2.5 | 2.19 | 657 | 438 | 329 | 263 | 219 | 164 | 131 | 105 | 87.6 | 75.1 |
| | 3.0 | 2.35 | 705 | 470 | 353 | 282 | 235 | 176 | 141 | 113 | 94.0 | 80.6 |
| | 4.0 | 2.61 | 783 | 522 | 392 | 313 | 261 | 196 | 157 | 125 | 104 | 89.5 |
| SJ7-08-VP | 1.5 | 2.28 | 684 | 456 | 342 | 274 | 228 | 171 | 137 | 109 | 91.2 | 78.2 |
| | 2.0 | 2.66 | 798 | 532 | 399 | 319 | 266 | 200 | 160 | 128 | 106 | 91.2 |
| | 2.5 | 2.94 | 882 | 588 | 441 | 353 | 294 | 221 | 176 | 141 | 118 | 101 |
| | 3.0 | 3.15 | 945 | 630 | 473 | 378 | 315 | 236 | 189 | 151 | 126 | 108 |
| | 4.0 | 3.46 | 1038 | 692 | 519 | 415 | 346 | 260 | 208 | 166 | 138 | 119 |
| SJ7-10-VP | 1.5 | 2.84 | 852 | 568 | 426 | 341 | 284 | 213 | 170 | 136 | 114 | 97.4 |
| | 2.0 | 3.32 | 996 | 664 | 498 | 398 | 332 | 249 | 199 | 159 | 133 | 114 |
| | 2.5 | 3.67 | 1101 | 734 | 551 | 440 | 367 | 275 | 220 | 176 | 147 | 126 |
| | 3.0 | 3.94 | 1182 | 788 | 591 | 473 | 394 | 296 | 236 | 189 | 158 | 135 |
| | 4.0 | 4.33 | 1299 | 866 | 650 | 520 | 433 | 325 | 260 | 208 | 173 | 148 |
| SJ7-15-VP | 1.5 | 4.09 | 1227 | 818 | 614 | 491 | 409 | 307 | 245 | 196 | 164 | 140 |
| | 2.0 | 4.82 | 1446 | 964 | 723 | 578 | 482 | 362 | 289 | 231 | 193 | 165 |
| | 2.5 | 5.40 | 1620 | 1080 | 810 | 648 | 540 | 405 | 324 | 259 | 216 | 185 |
| | 3.0 | 5.87 | 1761 | 1174 | 881 | 704 | 587 | 440 | 352 | 282 | 235 | 201 |
| | 4.0 | 6.58 | 1974 | 1316 | 987 | 790 | 658 | 494 | 395 | 316 | 263 | 226 |

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.



Flow Regulators are usually mounted behind cultivator shanks for the subsurface application of liquid fertilizers and soil fumigants. They are also used for above-ground streaming applications.

How to order:

Specify orifice plate number.
Example: CP4916-008

Typical Assembly



Note: Always insert Orifice Plate with side marked with number facing the outlet.
MATERIAL: Stainless Steel

To determine l/ha for orifice plates, use the following equations:

$$l/ha = \frac{60,000 \times l/min \text{ (per nozzle)}}{km/h \times W}$$

- W = Nozzle spacing (in cm) for broadcast spraying.
- = Spray width (in cm) for single nozzle, band spraying or boomless spraying.
- = Row spacing (in cm) divided by the number of nozzles per row for directed spraying.

Tip Strainer Size Recommendation

| FOR ORIFICE SIZE | USE MESH SIZE |
|------------------|---------------|
| 15 and smaller | 200 |
| 16–39 | 100 |
| 40–70 | 50 |
| 72 and larger | — |

Tabulated flow rates are for spraying water into air at atmospheric pressure. If your application creates backpressure, or if spraying into a liquid, measure and calibrate to ensure proper application rates. For spraying solutions other than water, see page 141 for conversion factors.

| Orifice Size | l/min | | | | | | |
|--------------|---------|-------|---------|-------|---------|-------|-------|
| | 0.5 bar | 1 bar | 1.5 bar | 2 bar | 2.5 bar | 3 bar | 4 bar |
| CP4916-008 | 0.013 | 0.018 | 0.023 | 0.026 | 0.029 | 0.032 | 0.037 |
| CP4916-10 | 0.021 | 0.029 | 0.036 | 0.042 | 0.047 | 0.051 | 0.059 |
| CP4916-12 | 0.031 | 0.043 | 0.053 | 0.061 | 0.068 | 0.075 | 0.087 |
| CP4916-14 | 0.040 | 0.057 | 0.070 | 0.081 | 0.090 | 0.099 | 0.11 |
| CP4916-15 | 0.045 | 0.064 | 0.078 | 0.090 | 0.10 | 0.11 | 0.13 |
| CP4916-16 | 0.053 | 0.075 | 0.092 | 0.11 | 0.12 | 0.13 | 0.15 |
| CP4916-18 | 0.069 | 0.098 | 0.12 | 0.14 | 0.16 | 0.17 | 0.20 |
| CP4916-20 | 0.086 | 0.12 | 0.15 | 0.17 | 0.19 | 0.21 | 0.24 |
| CP4916-22 | 0.098 | 0.14 | 0.17 | 0.20 | 0.22 | 0.24 | 0.28 |
| CP4916-24 | 0.12 | 0.17 | 0.21 | 0.24 | 0.27 | 0.29 | 0.34 |
| CP4916-25 | 0.13 | 0.18 | 0.22 | 0.25 | 0.28 | 0.31 | 0.36 |
| CP4916-26 | 0.14 | 0.20 | 0.24 | 0.28 | 0.31 | 0.34 | 0.39 |
| CP4916-27 | 0.15 | 0.21 | 0.26 | 0.29 | 0.33 | 0.36 | 0.42 |
| CP4916-28 | 0.16 | 0.23 | 0.28 | 0.32 | 0.36 | 0.39 | 0.45 |
| CP4916-29 | 0.18 | 0.25 | 0.30 | 0.35 | 0.39 | 0.43 | 0.50 |
| CP4916-30 | 0.18 | 0.26 | 0.32 | 0.37 | 0.41 | 0.45 | 0.52 |
| CP4916-31 | 0.20 | 0.28 | 0.35 | 0.40 | 0.45 | 0.49 | 0.57 |
| CP4916-32 | 0.22 | 0.31 | 0.38 | 0.43 | 0.48 | 0.53 | 0.61 |
| CP4916-34 | 0.24 | 0.34 | 0.41 | 0.47 | 0.53 | 0.58 | 0.67 |
| CP4916-35 | 0.25 | 0.36 | 0.44 | 0.51 | 0.57 | 0.62 | 0.72 |
| CP4916-37 | 0.28 | 0.39 | 0.48 | 0.56 | 0.62 | 0.68 | 0.79 |
| CP4916-39 | 0.31 | 0.43 | 0.53 | 0.61 | 0.69 | 0.75 | 0.87 |
| CP4916-40 | 0.33 | 0.47 | 0.57 | 0.66 | 0.74 | 0.81 | 0.94 |
| CP4916-41 | 0.34 | 0.48 | 0.59 | 0.68 | 0.76 | 0.83 | 0.96 |
| CP4916-43 | 0.37 | 0.53 | 0.64 | 0.74 | 0.83 | 0.91 | 1.05 |
| CP4916-45 | 0.40 | 0.57 | 0.70 | 0.81 | 0.90 | 0.99 | 1.14 |
| CP4916-46 | 0.44 | 0.62 | 0.76 | 0.87 | 0.98 | 1.07 | 1.24 |

| Orifice Size | l/min | | | | | | |
|--------------|---------|-------|---------|-------|---------|-------|-------|
| | 0.5 bar | 1 bar | 1.5 bar | 2 bar | 2.5 bar | 3 bar | 4 bar |
| CP4916-47 | 0.45 | 0.63 | 0.77 | 0.89 | 1.00 | 1.09 | 1.26 |
| CP4916-48 | 0.46 | 0.65 | 0.80 | 0.92 | 1.03 | 1.13 | 1.31 |
| CP4916-49 | 0.47 | 0.67 | 0.82 | 0.95 | 1.06 | 1.16 | 1.34 |
| CP4916-51 | 0.53 | 0.75 | 0.92 | 1.06 | 1.19 | 1.30 | 1.50 |
| CP4916-52 | 0.54 | 0.76 | 0.93 | 1.08 | 1.21 | 1.32 | 1.52 |
| CP4916-54 | 0.58 | 0.82 | 1.00 | 1.16 | 1.30 | 1.42 | 1.64 |
| CP4916-55 | 0.61 | 0.86 | 1.05 | 1.22 | 1.36 | 1.49 | 1.72 |
| CP4916-57 | 0.65 | 0.91 | 1.12 | 1.29 | 1.44 | 1.58 | 1.82 |
| CP4916-59 | 0.70 | 0.99 | 1.21 | 1.40 | 1.56 | 1.71 | 1.98 |
| CP4916-61 | 0.75 | 1.06 | 1.30 | 1.50 | 1.68 | 1.84 | 2.13 |
| CP4916-63 | 0.79 | 1.12 | 1.37 | 1.58 | 1.77 | 1.94 | 2.24 |
| CP4916-65 | 0.84 | 1.19 | 1.46 | 1.68 | 1.88 | 2.06 | 2.38 |
| CP4916-67 | 0.89 | 1.26 | 1.55 | 1.79 | 2.00 | 2.19 | 2.53 |
| CP4916-68 | 0.92 | 1.31 | 1.60 | 1.85 | 2.06 | 2.26 | 2.61 |
| CP4916-70 | 0.99 | 1.40 | 1.71 | 1.98 | 2.21 | 2.42 | 2.79 |
| CP4916-72 | 1.03 | 1.46 | 1.79 | 2.07 | 2.31 | 2.53 | 2.92 |
| CP4916-73 | 1.07 | 1.51 | 1.85 | 2.13 | 2.38 | 2.61 | 3.01 |
| CP4916-75 | 1.12 | 1.58 | 1.94 | 2.24 | 2.50 | 2.74 | 3.16 |
| CP4916-78 | 1.24 | 1.76 | 2.15 | 2.48 | 2.78 | 3.04 | 3.51 |
| CP4916-80 | 1.28 | 1.81 | 2.21 | 2.56 | 2.86 | 3.13 | 3.61 |
| CP4916-81 | 1.32 | 1.87 | 2.29 | 2.65 | 2.96 | 3.24 | 3.74 |
| CP4916-83 | 1.45 | 2.04 | 2.50 | 2.89 | 3.23 | 3.54 | 4.09 |
| CP4916-86 | 1.52 | 2.14 | 2.62 | 3.03 | 3.39 | 3.71 | 4.28 |
| CP4916-89 | 1.58 | 2.23 | 2.74 | 3.16 | 3.53 | 3.87 | 4.47 |
| CP4916-91 | 1.68 | 2.38 | 2.91 | 3.36 | 3.76 | 4.12 | 4.76 |
| CP4916-93 | 1.76 | 2.49 | 3.06 | 3.53 | 3.94 | 4.32 | 4.99 |
| CP4916-95 | 1.84 | 2.60 | 3.19 | 3.68 | 4.12 | 4.51 | 5.21 |

| Orifice Size | l/min | | | | | | |
|--------------|---------|-------|---------|-------|---------|-------|-------|
| | 0.5 bar | 1 bar | 1.5 bar | 2 bar | 2.5 bar | 3 bar | 4 bar |
| CP4916-98 | 2.01 | 2.85 | 3.49 | 4.03 | 4.50 | 4.93 | 5.69 |
| CP4916-103 | 2.10 | 2.97 | 3.64 | 4.21 | 4.70 | 5.15 | 5.95 |
| CP4916-107 | 2.36 | 3.34 | 4.09 | 4.72 | 5.28 | 5.78 | 6.67 |
| CP4916-110 | 2.50 | 3.53 | 4.33 | 5.00 | 5.59 | 6.12 | 7.07 |
| CP4916-115 | 2.76 | 3.90 | 4.77 | 5.51 | 6.16 | 6.75 | 7.79 |
| CP4916-120 | 2.87 | 4.06 | 4.97 | 5.74 | 6.42 | 7.03 | 8.12 |
| CP4916-125 | 3.16 | 4.47 | 5.47 | 6.32 | 7.07 | 7.74 | 8.94 |
| CP4916-128 | 3.29 | 4.65 | 5.69 | 6.57 | 7.35 | 8.05 | 9.30 |
| CP4916-132 | 3.53 | 4.99 | 6.11 | 7.06 | 7.89 | 8.64 | 9.98 |
| CP4916-136 | 3.83 | 5.41 | 6.63 | 7.65 | 8.55 | 9.37 | 10.8 |
| CP4916-140 | 4.08 | 5.77 | 7.06 | 8.16 | 9.12 | 9.99 | 11.5 |
| CP4916-144 | 4.22 | 5.97 | 7.31 | 8.44 | 9.44 | 10.3 | 11.9 |
| CP4916-147 | 4.34 | 6.14 | 7.52 | 8.69 | 9.71 | 10.6 | 12.3 |
| CP4916-151 | 4.74 | 6.70 | 8.20 | 9.47 | 10.6 | 11.6 | 13.4 |
| CP4916-156 | 5.01 | 7.08 | 8.67 | 10.0 | 11.2 | 12.3 | 14.2 |
| CP4916-161 | 5.26 | 7.44 | 9.12 | 10.5 | 11.8 | 12.9 | 14.9 |
| CP4916-166 | 5.53 | 7.82 | 9.57 | 11.1 | 12.4 | 13.5 | 15.6 |
| CP4916-170 | 5.94 | 8.40 | 10.3 | 11.9 | 13.3 | 14.6 | 16.8 |
| CP4916-172 | 6.18 | 8.74 | 10.7 | 12.4 | 13.8 | 15.1 | 17.5 |
| CP4916-177 | 6.45 | 9.12 | 11.2 | 12.9 | 14.4 | 15.8 | 18.2 |
| CP4916-182 | 6.71 | 9.49 | 11.6 | 13.4 | 15.0 | 16.4 | 19.0 |
| CP4916-187 | 7.11 | 10.1 | 12.3 | 14.2 | 15.9 | 17.4 | 20.1 |
| CP4916-196 | 7.89 | 11.2 | 13.7 | 15.8 | 17.6 | 19.3 | 22.3 |
| CP4916-205 | 8.55 | 12.1 | 14.8 | 17.1 | 19.1 | 20.9 | 24.2 |
| CP4916-218 | 9.60 | 13.6 | 16.6 | 19.2 | 21.5 | 23.5 | 27.2 |
| CP4916-234 | 11.2 | 15.8 | 19.4 | 22.4 | 25.0 | 27.4 | 31.6 |
| CP4916-250 | 12.9 | 18.2 | 22.3 | 25.8 | 28.8 | 31.6 | 36.5 |

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.

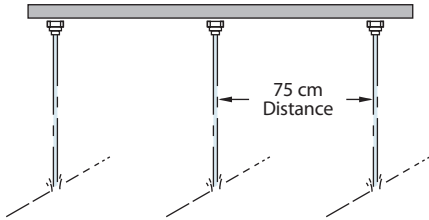


StreamJet Solid Stream Spray Nozzles



Stainless Steel for Banding Fertilizers

- Permits banding fluids at high rig speeds.
- Large orifices with no internal obstructions permit non-clogging suspension applications.
- Lower drift potential.
- See page 141 for liquid density conversion factors.
- For TP tips use Quick TeeJet cap and gasket 25608-1-NYR.



How to order:

Specify nozzle number and material.
Example: H1/4U-SS0010 Stainless Steel

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.

| Nozzle Model | bar | CAPACITY ONE NOZZLE IN l/min | l/ha 75cm | | | | | | | | | |
|------------------------|-----|------------------------------|------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| | | | 4 km/h | 6 km/h | 8 km/h | 10 km/h | 15 km/h | 18 km/h | 20 km/h | 25 km/h | 30 km/h | 35 km/h |
| TP0001-SS | 1.0 | 0.23 | 46.0 | 30.7 | 23.0 | 18.4 | 12.3 | 10.2 | 9.2 | 7.4 | 6.1 | 5.3 |
| | 1.5 | 0.28 | 56.0 | 37.3 | 28.0 | 22.4 | 14.9 | 12.4 | 11.2 | 9.0 | 7.5 | 6.4 |
| | 2.0 | 0.32 | 64.0 | 42.7 | 32.0 | 25.6 | 17.1 | 14.2 | 12.8 | 10.2 | 8.5 | 7.3 |
| | 2.5 | 0.36 | 72.0 | 48.0 | 36.0 | 28.8 | 19.2 | 16.0 | 14.4 | 11.5 | 9.6 | 8.2 |
| TP00015-SS | 1.0 | 0.34 | 68.0 | 45.3 | 34.0 | 27.2 | 18.1 | 15.1 | 13.6 | 10.9 | 9.1 | 7.8 |
| | 1.5 | 0.42 | 84.0 | 56.0 | 42.0 | 33.6 | 22.4 | 18.7 | 16.8 | 13.4 | 11.2 | 9.6 |
| | 2.0 | 0.48 | 96.0 | 64.0 | 48.0 | 38.4 | 25.6 | 21.3 | 19.2 | 15.4 | 12.8 | 11.0 |
| | 2.5 | 0.54 | 108 | 72.0 | 54.0 | 43.2 | 28.8 | 24.0 | 21.6 | 17.3 | 14.4 | 12.3 |
| H1/4U-SS0002 TP0002-SS | 1.0 | 0.46 | 92.0 | 61.3 | 46.0 | 36.8 | 24.5 | 20.4 | 18.4 | 14.7 | 12.3 | 10.5 |
| | 1.5 | 0.56 | 112 | 74.7 | 56.0 | 44.8 | 29.9 | 24.9 | 22.4 | 17.9 | 14.9 | 12.8 |
| | 2.0 | 0.65 | 130 | 86.7 | 65.0 | 52.0 | 34.7 | 28.9 | 26.0 | 20.8 | 17.3 | 14.9 |
| | 2.5 | 0.72 | 144 | 96.0 | 72.0 | 57.6 | 38.4 | 32.0 | 28.8 | 23.0 | 19.2 | 16.5 |
| H1/4U-SS0003 TP0003-SS | 1.0 | 0.68 | 136 | 90.7 | 68.0 | 54.4 | 36.3 | 30.2 | 27.2 | 21.8 | 18.1 | 15.5 |
| | 1.5 | 0.83 | 166 | 111 | 83.0 | 66.4 | 44.3 | 36.9 | 33.2 | 26.6 | 22.1 | 19.0 |
| | 2.0 | 0.96 | 192 | 128 | 96.0 | 76.8 | 51.2 | 42.7 | 38.4 | 30.7 | 25.6 | 21.9 |
| | 2.5 | 1.08 | 216 | 144 | 108 | 86.4 | 57.6 | 48.0 | 43.2 | 34.6 | 28.8 | 24.7 |
| H1/4U-SS0004 TP0004-SS | 1.0 | 0.91 | 182 | 121 | 91.0 | 72.8 | 48.5 | 40.4 | 36.4 | 29.1 | 24.3 | 20.8 |
| | 1.5 | 1.12 | 224 | 149 | 112 | 89.6 | 59.7 | 49.8 | 44.8 | 35.8 | 29.9 | 25.6 |
| | 2.0 | 1.29 | 258 | 172 | 129 | 103 | 68.8 | 57.3 | 51.6 | 41.3 | 34.4 | 29.5 |
| | 2.5 | 1.44 | 288 | 192 | 144 | 115 | 76.8 | 64.0 | 57.6 | 46.1 | 38.4 | 32.9 |
| H1/4U-SS0006 TP0006-SS | 1.0 | 1.37 | 274 | 183 | 137 | 110 | 73.1 | 60.9 | 54.8 | 43.8 | 36.5 | 31.3 |
| | 1.5 | 1.67 | 334 | 223 | 167 | 134 | 89.1 | 74.2 | 66.8 | 53.4 | 44.5 | 38.2 |
| | 2.0 | 1.93 | 386 | 257 | 193 | 154 | 103 | 85.8 | 77.2 | 61.8 | 51.5 | 44.1 |
| | 2.5 | 2.16 | 432 | 288 | 216 | 173 | 115 | 96.0 | 86.4 | 69.1 | 57.6 | 49.4 |
| H1/4U-SS0008 TP0008-SS | 1.0 | 1.82 | 364 | 243 | 182 | 146 | 97.1 | 80.9 | 72.8 | 58.2 | 48.5 | 41.6 |
| | 1.5 | 2.23 | 446 | 297 | 223 | 178 | 119 | 99.1 | 89.2 | 71.4 | 59.5 | 51.0 |
| | 2.0 | 2.58 | 516 | 344 | 258 | 206 | 138 | 115 | 103 | 82.6 | 68.8 | 59.0 |
| | 2.5 | 2.88 | 576 | 384 | 288 | 230 | 154 | 128 | 115 | 92.2 | 76.8 | 65.8 |
| H1/4U-SS0010 TP0010-SS | 1.0 | 2.28 | 456 | 304 | 228 | 182 | 122 | 101 | 91.2 | 73.0 | 60.8 | 52.1 |
| | 1.5 | 2.79 | 558 | 372 | 279 | 223 | 149 | 124 | 112 | 89.3 | 74.4 | 63.8 |
| | 2.0 | 3.22 | 644 | 429 | 322 | 258 | 172 | 143 | 129 | 103 | 85.9 | 73.6 |
| | 2.5 | 3.60 | 720 | 480 | 360 | 288 | 192 | 160 | 144 | 115 | 96.0 | 82.3 |
| H1/4U-SS0015 TP0015-SS | 1.0 | 3.42 | 684 | 456 | 342 | 274 | 182 | 152 | 137 | 109 | 91.2 | 78.2 |
| | 1.5 | 4.18 | 836 | 557 | 418 | 334 | 223 | 186 | 167 | 134 | 111 | 95.5 |
| | 2.0 | 4.83 | 966 | 644 | 483 | 386 | 258 | 215 | 193 | 155 | 129 | 110 |
| | 2.5 | 5.40 | 1080 | 720 | 540 | 432 | 288 | 240 | 216 | 173 | 144 | 123 |
| H1/4U-SS0020 TP0020-SS | 1.0 | 4.56 | 912 | 608 | 456 | 365 | 243 | 203 | 182 | 146 | 122 | 104 |
| | 1.5 | 5.58 | 1116 | 744 | 558 | 446 | 298 | 248 | 223 | 179 | 149 | 128 |
| | 2.0 | 6.45 | 1290 | 860 | 645 | 516 | 344 | 287 | 258 | 206 | 172 | 147 |
| | 2.5 | 7.21 | 1442 | 961 | 721 | 577 | 385 | 320 | 288 | 231 | 192 | 165 |
| H1/4U-SS0030 TP0030-SS | 1.0 | 6.84 | 1366 | 911 | 683 | 546 | 364 | 304 | 273 | 219 | 182 | 156 |
| | 1.5 | 8.37 | 1674 | 1116 | 837 | 670 | 446 | 372 | 335 | 268 | 223 | 191 |
| | 2.0 | 9.66 | 1932 | 1288 | 966 | 773 | 515 | 430 | 386 | 309 | 258 | 221 |
| | 2.5 | 10.8 | 2160 | 1440 | 1080 | 864 | 576 | 480 | 432 | 346 | 288 | 247 |
| H1/4U-SS0040 TP0040-SS | 1.0 | 9.11 | 1822 | 1215 | 911 | 729 | 486 | 405 | 364 | 292 | 243 | 208 |
| | 1.5 | 11.2 | 2240 | 1493 | 1120 | 896 | 597 | 496 | 448 | 358 | 299 | 256 |
| | 2.0 | 12.9 | 2580 | 1720 | 1290 | 1032 | 688 | 573 | 516 | 413 | 344 | 295 |
| | 2.5 | 14.4 | 2880 | 1920 | 1440 | 1152 | 768 | 640 | 576 | 461 | 384 | 329 |
| H1/4U-SS0050 | 1.0 | 11.4 | 2280 | 1520 | 1140 | 912 | 608 | 507 | 456 | 365 | 304 | 261 |
| | 1.5 | 13.9 | 2780 | 1853 | 1390 | 1112 | 741 | 620 | 556 | 445 | 371 | 318 |
| | 2.0 | 16.1 | 3220 | 2147 | 1610 | 1288 | 859 | 716 | 644 | 515 | 429 | 368 |
| | 2.5 | 18.0 | 3600 | 2400 | 1800 | 1440 | 960 | 801 | 720 | 576 | 480 | 411 |
| H1/4U-SS0060 | 1.0 | 13.7 | 2740 | 1827 | 1370 | 1096 | 731 | 608 | 548 | 438 | 365 | 313 |
| | 1.5 | 16.7 | 3340 | 2227 | 1670 | 1336 | 891 | 744 | 668 | 534 | 445 | 382 |
| | 2.0 | 19.3 | 3860 | 2573 | 1930 | 1544 | 1029 | 860 | 772 | 618 | 515 | 441 |
| | 2.5 | 21.6 | 4320 | 2880 | 2160 | 1728 | 1152 | 961 | 864 | 691 | 576 | 494 |

