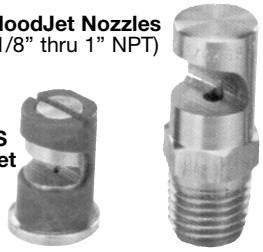
# FloodJet®

**FloodJet Nozzles**
(1/8" thru 1" NPT)



**TK-VS Floodjet Tip**

FloodJet Tips and Nozzles produce a very wide deflector type flat spray pattern. Round orifice minimizes clogging.

***HOW TO ORDER: Example***

| TJ/ | Description | Price |
|---|---|---|
| TK- | Brass | 6.54 |
| TK-VS | (2-10) | 11.37 |
| TK-SS | (.50-20) | 11.97 |
| 1/8K-SS | (.50-20) | 15.26 |
| 1/4K-SS | (2-24) | 18.47 |
| 1/4K | Brass | 7.97 |

| TJ/ | Description | Price |
|---|---|---|
| 3/8K-SS | (30-45) | 24.76 |
| 1/2K-SS | (40-120) | 29.97 |
| 3/4K-SS | (90-120) | 40.86 |
| 3/4K-SS | (140-210) | 73.50 |
| 1K-SS | (300) | 149.51 |
| 1K-SS | (450) | 174.99 |

| Type (Strainer Screen Size) FloodJet Tip No. | FloodJet Nozzle No. | Liquid Pressure in psi | Capacity 1 Nozzle in GPM | Gallons Per Acre | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 40" Spacing | | | | | | | | | 60" Spacing | | | | | | | | |
| | | | | 4 mph | 5 mph | 6 mph | 8 mph | 10 mph | 12 mph | 14 mph | 16 mph | 20 mph | 4 mph | 5 mph | 6 mph | 8 mph | 10 mph | 12 mph | 14 mph | 16 mp | 20 mph |
| TK-SS.50 (100 Mesh) | 1/8K-SS.50 | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | | 20 | .07 | 2.6 | 2.1 | 1.7 | 1.3 | 1.0 | .87 | .74 | .65 | .52 | 1.7 | 1.4 | 1.2 | .87 | .69 | .58 | .50 | .43 | .35 |
| | | 30 | .09 | 3.3 | 2.7 | 2.2 | 1.7 | 1.3 | 1.1 | 1.0 | .84 | .67 | 2.2 | 1.8 | 1.5 | 1.1 | .89 | .74 | .64 | 5.6 | .45 |
| | | 40 | .10 | 3.7 | 3.0 | 2.5 | 1.9 | 1.5 | 1.2 | 1.1 | .93 | .74 | 2.5 | 2.0 | 1.7 | 1.2 | 1.0 | .83 | .71 | .62 | .50 |
| TK-SS.75 (100 Mesh) | 1/8K-SS.75 | 10 | .08 | 3.0 | 2.4 | 2.0 | 1.5 | 1.2 | 1.0 | .85 | .74 | .59 | 2.0 | 1.6 | 1.3 | 1.0 | .79 | .66 | .57 | .50 | .40 |
| | | 20 | .11 | 4.1 | 3.3 | 2.7 | 2.0 | 1.6 | 1.4 | 1.2 | 1.0 | .82 | 2.7 | 2.2 | 1.8 | 1.4 | 1.1 | .91 | .78 | .68 | .54 |
| | | 30 | .13 | 4.8 | 3.9 | 3.2 | 2.4 | 1.9 | 1.6 | 1.4 | 1.2 | 1.0 | 3.2 | 2.6 | 2.1 | 1.6 | 1.3 | 1.1 | .92 | .80 | .64 |
| | | 40 | .15 | 5.6 | 4.5 | 3.7 | 2.8 | 2.2 | 1.9 | 1.6 | 1.4 | 1.1 | 3.7 | 3.0 | 2.5 | 1.9 | 1.5 | 1.2 | 1.1 | .93 | .74 |
| TK-SS1 (100 Mesh) | 1/8K-SS1 | 10 | .10 | 3.7 | 3.0 | 2.5 | 1.9 | 1.5 | 1.2 | 1.1 | .93 | .74 | 2.5 | 2.0 | 1.7 | 1.2 | 1.0 | .83 | .71 | .62 | .50 |
| | | 20 | .14 | 5.2 | 4.2 | 3.5 | 2.6 | 2.1 | 1.7 | 1.5 | 1.3 | 1.0 | 3.5 | 2.8 | 2.3 | 1.7 | 1.4 | 1.2 | 1.0 | .87 | .69 |
| | | 30 | .17 | 6.3 | 5.0 | 4.2 | 3.2 | 2.5 | 2.1 | 1.8 | 1.6 | 1.3 | 4.2 | 3.4 | 2.8 | 2.1 | 1.7 | 1.4 | 1.2 | 1.1 | .84 |
| | | 40 | .20 | 7.4 | 5.9 | 5.0 | 3.7 | 3.0 | 2.5 | 2.1 | 1.9 | 1.5 | 5.0 | 4.0 | 3.3 | 2.5 | 2.0 | 1.7 | 1.4 | 1.2 | 1.0 |
| TK-SS1.5 (50 Mesh) | 1/8K-SS1.5 | 10 | .15 | 5.6 | 4.5 | 3.7 | 2.8 | 2.2 | 1.9 | 1.6 | 1.4 | 1.1 | 3.7 | 3.0 | 2.5 | 1.9 | 1.5 | 1.2 | 1.1 | .93 | .74 |
| | | 20 | .21 | 7.8 | 6.2 | 5.2 | 3.9 | 3.1 | 2.6 | 2.2 | 1.9 | 1.6 | 5.2 | 4.2 | 3.5 | 2.6 | 2.1 | 1.7 | 1.5 | 1.3 | 1.0 |
| | | 30 | .26 | 9.7 | 7.7 | 6.4 | 4.8 | 3.9 | 3.2 | 2.8 | 2.4 | 1.9 | 6.4 | 5.1 | 4.3 | 3.2 | 2.6 | 2.1 | 1.8 | 1.6 | 1.3 |
| | | 40 | .30 | 11.1 | 8.9 | 7.4 | 5.6 | 4.5 | 3.7 | 3.2 | 2.8 | 2.2 | 7.4 | 5.9 | 5.0 | 3.7 | 3.0 | 2.5 | 2.1 | 1.9 | 1.5 |
| TK-VS2 (50 Mesh) | 1/8K-SS2 | 10 | .20 | 7.4 | 5.9 | 5.0 | 3.7 | 3.0 | 2.5 | 2.1 | 1.9 | 1.5 | 5.0 | 4.0 | 3.3 | 2.5 | 2.0 | 1.7 | 1.4 | 1.2 | 1.0 |
| | | 20 | .28 | 10.4 | 8.3 | 6.9 | 5.2 | 4.2 | 3.5 | 3.0 | 2.6 | 2.1 | 6.9 | 5.5 | 4.6 | 3.5 | 2.8 | 2.3 | 2.0 | 1.7 | 1.4 |
| | | 30 | .35 | 13.0 | 10.4 | 8.7 | 6.5 | 5.2 | 4.3 | 3.7 | 3.2 | 2.6 | 8.7 | 6.9 | 5.8 | 4.3 | 3.5 | 2.9 | 2.5 | 2.2 | 1.7 |
| | | 40 | .40 | 14.9 | 11.9 | 9.9 | 7.4 | 5.9 | 5.0 | 4.2 | 3.7 | 3.0 | 9.9 | 7.9 | 6.6 | 5.0 | 4.0 | 3.3 | 2.8 | 2.5 | 2.0 |
| TK-VS2.5 (50 Mesh) | 1/8K-SS2.5 | 10 | .25 | 9.3 | 7.4 | 6.2 | 4.6 | 3.7 | 3.1 | 2.7 | 2.3 | 1.9 | 6.2 | 5.0 | 4.1 | 3.1 | 2.5 | 2.1 | 1.8 | 1.5 | 1.2 |
| | | 20 | .35 | 13.0 | 10.4 | 8.7 | 6.5 | 5.2 | 4.3 | 3.7 | 3.2 | 2.6 | 8.7 | 6.9 | 5.8 | 4.3 | 3.5 | 2.9 | 2.5 | 2.2 | 1.7 |
| | | 30 | .43 | 16.0 | 12.8 | 10.6 | 8.0 | 6.4 | 5.3 | 4.6 | 4.0 | 3.2 | 10.6 | 8.5 | 7.1 | 5.3 | 4.3 | 3.5 | 3.0 | 2.7 | 2.1 |
| | | 40 | .50 | 18.6 | 14.9 | 12.4 | 9.3 | 7.4 | 6.2 | 5.3 | 4.6 | 3.7 | 12.4 | 9.9 | 8.3 | 6.2 | 5.0 | 4.1 | 3.5 | 3.1 | 2.5 |
| TK-VS3 (50 Mesh) | 1/8K-SS3 | 10 | .30 | 11.1 | 8.9 | 7.4 | 5.6 | 4.5 | 3.7 | 3.2 | 2.8 | 2.2 | 7.4 | 5.9 | 5.0 | 3.7 | 3.0 | 2.5 | 2.1 | 1.9 | 1.5 |
| | | 20 | .42 | 15.6 | 12.5 | 10.4 | 7.8 | 6.2 | 5.2 | 4.5 | 3.9 | 3.1 | 10.4 | 8.3 | 6.9 | 5.2 | 4.2 | 3.5 | 3.0 | 2.6 | 2.1 |
| | | 30 | .52 | 19.3 | 15.4 | 12.9 | 9.7 | 7.7 | 6.4 | 5.5 | 4.8 | 3.9 | 12.9 | 10.3 | 8.6 | 6.4 | 5.1 | 4.3 | 3.7 | 3.2 | 2.6 |
| | | 40 | .60 | 22 | 17.8 | 14.9 | 11.1 | 8.9 | 7.4 | 6.4 | 5.6 | 4.5 | 14.9 | 11.9 | 9.9 | 7.4 | 5.9 | 5.0 | 4.2 | 3.7 | 3.0 |
| TK-VS4 | 1/8K-SS4 | 10 | .40 | 14.9 | 11.9 | 9.9 | 7.4 | 5.9 | 5.0 | 4.2 | 3.7 | 3.0 | 9.9 | 7.9 | 6.6 | 5.0 | 4.0 | 3.3 | 2.8 | 2.5 | 2.0 |
| | | 20 | .57 | 21 | 16.9 | 14.1 | 10.6 | 8.5 | 7.1 | 6.0 | 5.3 | 4.2 | 14.1 | 11.3 | 9.4 | 7.1 | 5.6 | 4.7 | 4.0 | 3.5 | 2.8 |
| | | 30 | .69 | 26 | 20 | 17.1 | 12.8 | 10.2 | 8.5 | 7.3 | 6.4 | 5.1 | 17.1 | 13.7 | 11.4 | 8.5 | 6.8 | 5.7 | 4.9 | 4.3 | 3.4 |
| | | 40 | .80 | 30 | 24 | 20 | 14.9 | 11.9 | 9.9 | 8.5 | 7.4 | 5.9 | 20 | 15.8 | 13.2 | 9.9 | 7.9 | 6.6 | 5.7 | 5.0 | 4.0 |
| TK-VS5 | 1/8K-SS5 | 10 | .50 | 18.6 | 14.9 | 12.4 | 9.3 | 7.4 | 6.2 | 5.3 | 4.6 | 3.7 | 12.4 | 9.9 | 8.3 | 6.2 | 5.0 | 4.1 | 3.5 | 3.1 | 2.5 |
| | | 20 | .71 | 26 | 21 | 17.6 | 13.2 | 10.5 | 8.8 | 7.5 | 6.6 | 5.3 | 17.6 | 14.1 | 11.7 | 8.8 | 7.0 | 5.9 | 5.0 | 4.4 | 3.5 |
| | | 30 | .87 | 32 | 26 | 22 | 16.1 | 12.9 | 10.8 | 9.2 | 8.1 | 6.5 | 22 | 17.2 | 14.4 | 10.8 | 8.6 | 7.2 | 6.2 | 5.4 | 4.3 |
| | | 40 | 1.00 | 37 | 30 | 25 | 18.6 | 14.9 | 12.4 | 10.6 | 9.3 | 7.4 | 25 | 20 | 16.5 | 12.4 | 9.9 | 8.3 | 7.1 | 6.2 | 5.0 |
| TK-VS7.5 | 1/8K-SS7.5 | 10 | .75 | 28 | 22 | 18.6 | 13.9 | 11.1 | 9.3 | 8.0 | 7.0 | 5.6 | 18.6 | 14.9 | 12.4 | 9.3 | 7.4 | 6.2 | 5.3 | 4.6 | 3.7 |
| | | 20 | 1.06 | 39 | 31 | 26 | 19.7 | 15.7 | 13.1 | 11.2 | 9.8 | 7.9 | 26 | 21 | 17.5 | 13.1 | 10.5 | 8.7 | 7.5 | 6.6 | 5.2 |
| | | 30 | 1.30 | 48 | 39 | 32 | 24 | 19.3 | 16.1 | 13.8 | 12.1 | 9.7 | 32 | 26 | 21 | 16.1 | 12.9 | 10.7 | 9.2 | 8.0 | 6.4 |
| | | 40 | 1.50 | 56 | 45 | 37 | 28 | 22 | 18.6 | 15.9 | 13.9 | 11.1 | 37 | 30 | 25 | 18.6 | 14.9 | 12.4 | 10.6 | 9.3 | 7.4 |
| TK-VS10 | 1/8K-SS10 | 10 | 1.00 | 37 | 30 | 25 | 18.6 | 14.9 | 12.4 | 10.6 | 9.3 | 7.4 | 25 | 19.8 | 16.5 | 12.4 | 9.9 | 8.3 | 7.1 | 6.2 | 5.0 |
| | | 20 | 1.41 | 52 | 42 | 35 | 26 | 21 | 17.4 | 15.0 | 13.1 | 10.5 | 35 | 28 | 23 | 17.4 | 14.0 | 11.6 | 10.0 | 8.7 | 7.0 |
| | | 30 | 1.73 | 64 | 51 | 43 | 32 | 26 | 21 | 18.4 | 16.1 | 12.8 | 43 | 34 | 29 | 21 | 17.1 | 14.3 | 12.2 | 10.7 | 8.6 |
| | | 40 | 2.00 | 74 | 59 | 50 | 37 | 30 | 25 | 21 | 18.6 | 14.9 | 50 | 40 | 33 | 25 | 19.8 | 16.5 | 14.1 | 12.4 | 9.9 |
| | 1/8K-SS12 | 10 | 1.20 | 45 | 36 | 30 | 22 | 17.8 | 14.9 | 12.7 | 11.1 | 8.9 | 30 | 24 | 20 | 14.9 | 11.9 | 9.9 | 8.5 | 7.4 | 5.9 |
| | | 20 | 1.70 | 63 | 50 | 42 | 32 | 25 | 21 | 18.0 | 15.8 | 12.6 | 42 | 34 | 28 | 21 | 16.8 | 14.0 | 12.0 | 10.5 | 8.4 |
| | | 30 | 2.08 | 77 | 62 | 51 | 39 | 31 | 26 | 22 | 19.3 | 15.4 | 51 | 41 | 34 | 26 | 21 | 17.2 | 14.7 | 12.9 | 10.3 |
| | | 40 | 2.40 | 89 | 71 | 59 | 45 | 36 | 30 | 25 | 22 | 17.8 | 59 | 48 | 40 | 30 | 24 | 19.8 | 17.0 | 14.9 | 11.9 |
| TK-SS15 | 1/8K-SS15 | 10 | 1.50 | 56 | 45 | 37 | 28 | 22 | 18.6 | 15.9 | 13.9 | 11.1 | 37 | 30 | 25 | 18.6 | 14.9 | 12.4 | 10.6 | 9.3 | 7.4 |
| | | 20 | 2.12 | 79 | 63 | 52 | 39 | 31 | 26 | 22 | 19.7 | 15.7 | 52 | 42 | 35 | 26 | 21 | 17.5 | 15.0 | 13.1 | 10.5 |
| | | 30 | 2.60 | 97 | 77 | 64 | 48 | 39 | 32 | 28 | 24 | 19.3 | 64 | 51 | 43 | 32 | 26 | 21 | 18.4 | 16.1 | 12.9 |
| | | 40 | 3.00 | 111 | 89 | 74 | 56 | 45 | 37 | 32 | 28 | 22 | 74 | 59 | 50 | 37 | 30 | 25 | 21 | 18.6 | 14.9 |
| | 1/8K-SS18 | 10 | 1.80 | 67 | 53 | 45 | 33 | 27 | 22 | 19.1 | 16.7 | 13.4 | 45 | 36 | 30 | 22 | 17.8 | 14.9 | 12.7 | 11.1 | 8.9 |
| | | 20 | 2.55 | 95 | 76 | 63 | 47 | 38 | 32 | 27 | 24 | 18.9 | 63 | 50 | 42 | 32 | 25 | 21 | 18.0 | 15.8 | 12.6 |
| | | 30 | 3.12 | 116 | 93 | 77 | 58 | 46 | 39 | 33 | 29 | 23 | 77 | 62 | 51 | 39 | 31 | 26 | 22 | 19.3 | 15.4 |
| | | 40 | 3.60 | 134 | 107 | 89 | 67 | 53 | 45 | 38 | 33 | 27 | 89 | 71 | 59 | 45 | 36 | 30 | 25 | 22 | 17.8 |
| | QCK-SS20 | 10 | 2.00 | 74 | 59 | 50 | 37 | 30 | 25 | 21 | 18.6 | 14.9 | 50 | 40 | 33 | 25 | 19.8 | 16.5 | 14.1 | 12.4 | 9.9 |
| | | 20 | 2.83 | 105 | 84 | 70 | 53 | 42 | 35 | 30 | 26 | 21 | 70 | 56 | 47 | 35 | 28 | 23 | 20 | 17.5 | 14.0 |
| TK-SS20 | 1/8K-SS20 | 30 | 3.46 | 128 | 103 | 86 | 64 | 51 | 43 | 37 | 32 | 26 | 86 | 69 | 57 | 43 | 34 | 29 | 24 | 24 | 17.1 |
| | | 40 | 4.00 | 149 | 119 | 99 | 74 | 59 | 50 | 42 | 37 | 30 | 99 | 79 | 66 | 50 | 40 | 33 | 28 | 25 | 19.8 |
| | 1/8K-SS22 | 10 | 2.20 | 82 | 65 | 54 | 41 | 33 | 27 | 23 | 20 | 16.3 | 54 | 44 | 36 | 27 | 22 | 18.2 | 15.6 | 13.6 | 10.9 |
| | | 20 | 3.11 | 115 | 92 | 77 | 58 | 46 | 38 | 33 | 29 | 23 | 77 | 62 | 51 | 38 | 31 | 26 | 22 | 19.2 | 15.4 |
| | | 30 | 3.81 | 141 | 113 | 94 | 71 | 57 | 47 | 40 | 35 | 28 | 94 | 75 | 63 | 47 | 38 | 31 | 27 | 24 | 18.9 |
| | | 40 | 4.40 | 163 | 131 | 109 | 82 | 65 | 54 | 47 | 41 | 33 | 109 | 87 | 73 | 54 | 44 | 36 | 31 | 27 | 22 |
| | 1/8K-SS24 | 10 | 2.40 | 89 | 71 | 59 | 45 | 36 | 30 | 25 | 22 | 17.8 | 59 | 48 | 40 | 30 | 24 | 20 | 17.0 | 14.9 | 11.9 |
| | | 20 | 3.39 | 126 | 101 | 84 | 63 | 50 | 42 | 36 | 31 | 25 | 84 | 67 | 56 | 42 | 34 | 28 | 24 | 21 | 16.8 |
| | | 30 | 4.16 | 154 | 124 | 103 | 77 | 62 | 51 | 44 | 39 | 31 | 103 | 82 | 69 | 51 | 41 | 34 | 29 | 26 | 21 |
| | | 40 | 4.80 | 178 | 143 | 119 | 89 | 71 | 59 | 51 | 45 | 36 | 119 | 95 | 79 | 59 | 48 | 40 | 34 | 30 | 24 |

*NOTE: Always double check your application rates. See Pages 130 and 131 for useful formulas and information.*