



BoomJet[®] Boomless Nozzles with Extra-Wide Flat Spray Projection



5880-3/4 NPT Female
Back inlet connection.
Weight: Brass 0.91 kg.

Type 5880 BoomJet nozzle is used for spraying areas not easily accessed with a boom sprayer. It combines two off-center tips and three VeeJet[®] nozzles to produce an overall wide swath flat spray. The nozzle assembly provides good distribution considering the wide pattern coverage obtained; however, the uniformity is not as good as with a properly operated boom sprayer.* Supplied with one additional 1/4" NPT pipe plug and one blank tip for setting BoomJet to one side only. Also has a 1/4" NPT pressure gauge port.

*Uniformity can be optimized by double overlapping spray swaths on successive sprayer passes. Remember, this also doubles the application volume.

How to order:

Specify BoomJet nozzle number.
Example: 5880-3/4-2TOC-06



W = Maximum effective coverage with nozzle mounted at 1 m height.

| Nozzle | Inlet | Strainer | Mesh | Pressure (bar) | Capacity (l/min) | "W" (meters) | l/ha | | | | |
|-----------------|-----------|--------------|-------------------------------------|----------------|------------------|--------------|--------|--------|---------|---------|---------|
| | | | | | | | 6 km/h | 8 km/h | 12 km/h | 16 km/h | 24 km/h |
| 5880-3/4-2TOC06 | 6733-OC06 | H1/4VV-1506 | H1/4VVL-9502 with 50 mesh strainer | 1.5 | 7.26 | 10.2 | 71.2 | 53.4 | 35.6 | 26.7 | 17.8 |
| | | | | 2.0 | 8.38 | 10.3 | 81.4 | 61.0 | 40.7 | 30.5 | 20.3 |
| | | | | 2.5 | 9.37 | 10.5 | 89.2 | 66.9 | 44.6 | 33.5 | 22.3 |
| 5880-3/4-2TOC10 | OC10 | H1/4U-0508HE | H1/4VVL-11004 with 50 mesh strainer | 1.5 | 11.16 | 12.0 | 93.0 | 69.8 | 46.5 | 34.9 | 23.3 |
| | | | | 2.0 | 12.89 | 12.1 | 107 | 79.9 | 53.3 | 39.9 | 26.6 |
| | | | | 2.5 | 14.41 | 12.3 | 117 | 87.9 | 58.6 | 43.9 | 29.3 |
| 5880-3/4-2TOC20 | OC20 | H1/4U-0520HE | H1/4VVL-9506 with 50 mesh strainer | 1.5 | 24.00 | 14.3 | 168 | 126 | 83.9 | 62.9 | 42.0 |
| | | | | 2.0 | 27.72 | 15.2 | 182 | 137 | 91.2 | 68.4 | 45.6 |
| | | | | 2.5 | 30.99 | 15.8 | 196 | 147 | 98.1 | 73.6 | 49.0 |
| 5880-3/4-2TOC40 | OC40 | H1/4U-0540HE | H1/4U-9510 | 1.5 | 47.44 | 17.1 | 277 | 208 | 139 | 104 | 69.4 |
| | | | | 2.0 | 54.78 | 18.2 | 301 | 226 | 150 | 113 | 75.2 |
| | | | | 2.5 | 61.25 | 19.2 | 319 | 239 | 160 | 120 | 79.8 |

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 173–187 for useful formulas and information.



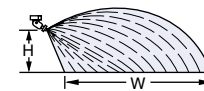
TeeJet[®] Swivel Spray Nozzles with Off-Center Flat Spray Tips — Larger Capacities

Large capacity swivel nozzles, available in both single or double styles, are available with 3/4" NPT (F) inlet connections for use as boomless type nozzles. For double swivels the tabulated GPM (l/min) capacities are twice those shown for single swivels.

How to order:

Specify swivel number and material.
Example: 4629-3/4-TOC10 Brass

Extra Wide Flat Spray Coverage



W = Maximum effective coverage with nozzle mounted at 1 m height.



Type 4629-3/4-TOC Single Swivel
with 3/4" NPT (F) pipe connection. Brass.

Type 4418-3/4-2TOC Double Swivel
with 3/4" NPT (F) pipe connection. Brass.



| Nozzle | Pressure (bar) | Capacity (l/min) | "W" (meters) | HEIGHT = 90 cm | | |
|-----------------|----------------|------------------|--------------|----------------|---------|---------|
| | | | | l/ha | | |
| | | | | 8 km/h | 16 km/h | 24 km/h |
| 4629-3/4-TOC10 | 2.0 | 3.23 | 5.4 | 44.9 | 22.4 | 15.0 |
| | 3.0 | 3.95 | 5.6 | 52.9 | 26.5 | 17.6 |
| | 4.0 | 4.56 | 5.6 | 61.1 | 30.5 | 20.4 |
| 4629-3/4-TOC20 | 2.0 | 6.45 | 7.1 | 68.1 | 34.1 | 22.7 |
| | 3.0 | 7.90 | 7.4 | 80.1 | 40.0 | 26.7 |
| | 4.0 | 9.12 | 7.4 | 92.4 | 46.2 | 30.8 |
| 4629-3/4-TOC40 | 2.0 | 12.89 | 7.9 | 122 | 61.2 | 40.8 |
| | 3.0 | 15.79 | 8.2 | 144 | 72.2 | 48.1 |
| | 4.0 | 18.23 | 8.2 | 167 | 83.4 | 55.6 |
| 4629-3/4-TOC80 | 2.0 | 25.78 | 8.8 | 220 | 110 | 73.3 |
| | 3.0 | 31.58 | 9.1 | 260 | 130 | 86.8 |
| | 4.0 | 36.47 | 9.1 | 301 | 150 | 100 |
| 4629-3/4-TOC150 | 2.0 | 48.34 | 9.3 | 390 | 195 | 130 |
| | 3.0 | 59.21 | 9.6 | 463 | 231 | 154 |
| | 4.0 | 68.37 | 9.6 | 534 | 267 | 178 |
| 4629-3/4-TOC300 | 2.0 | 96.68 | 9.7 | 748 | 374 | 249 |
| | 3.0 | 118.41 | 10.0 | 888 | 444 | 296 |
| | 4.0 | 136.73 | 10.2 | 1005 | 503 | 335 |

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 173–187 for useful formulas and information.