

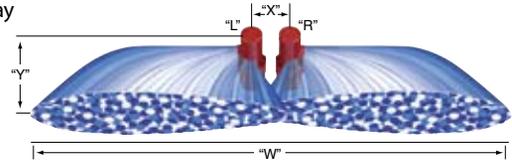
XP BoomJet® Boomless Flat Spray Nozzles



- NPT or BSPT (male) threads for easy installation.
- Color-coding for easy capacity identification.

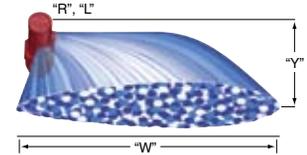
How to order:
Specify part number.
Example:

(B)1/2XP80L(R)-VS – VisiFlo® Stainless Steel left boom spray



| NOZZLE SIZE "R", "L" | bar | DROP SIZE | CAPACITY TWO NOZZLE IN l/min | SPRAY WIDTH "W" (meters) | | NOZZLE SPACING "X" = 0-7 cm | | | | | | | | | | | | | | | l/ha FOR TWO NOZZLES | | | | | | | | | | | | | | |
|----------------------------|-----|-----------|---------------------------------------|-----------------------------|-----------------|-----------------------------|------|------|------|------|------|------|------|------|------|--------------------|------|------|------|------|----------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| | | | | 60 cm HEIGHT | 90 cm HEIGHT | HEIGHT "Y" = 60 cm | | | | | | | | | | HEIGHT "Y" = 90 cm | | | | | | | | | | | | | | | | | | | |
| | | | | | | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | | | | | | | | | | |
| (B)1/4XP10R (B)1/4XP10L | 1.5 | XC | 5.62 | 5.2 | 6.0 | 162 | 108 | 81.1 | 64.8 | 54.0 | 40.5 | 32.4 | 25.9 | 21.6 | 18.5 | 141 | 93.7 | 70.3 | 56.2 | 46.8 | 35.1 | 28.1 | 22.5 | 18.7 | 16.1 | | | | | | | | | | |
| | 2.0 | XC | 6.46 | 6.0 | 6.8 | 162 | 108 | 80.8 | 64.6 | 53.8 | 40.4 | 32.3 | 25.8 | 21.5 | 18.5 | 143 | 95.0 | 71.3 | 57.0 | 47.5 | 35.6 | 28.5 | 22.8 | 19.0 | 16.3 | | | | | | | | | | |
| | 3.0 | XC | 7.90 | 6.8 | 7.6 | 174 | 116 | 87.1 | 69.7 | 58.1 | 43.6 | 34.9 | 27.9 | 23.2 | 19.9 | 156 | 104 | 78.0 | 62.4 | 52.0 | 39.0 | 31.2 | 24.9 | 20.8 | 17.8 | | | | | | | | | | |
| | 3.5 | XC | 8.52 | 7.6 | 8.2 | 168 | 112 | 84.1 | 67.3 | 56.1 | 42.0 | 33.6 | 26.9 | 22.4 | 19.2 | 156 | 104 | 77.9 | 62.3 | 52.0 | 39.0 | 31.2 | 24.9 | 20.8 | 17.8 | | | | | | | | | | |
| 4.0 | XC | 9.10 | 8.0 | 8.8 | 171 | 114 | 85.3 | 68.3 | 56.9 | 42.7 | 34.1 | 27.3 | 22.8 | 19.5 | 155 | 103 | 77.6 | 62.0 | 51.7 | 38.8 | 31.0 | 24.8 | 20.7 | 17.7 | | | | | | | | | | | |
| (B)1/4XP20R (B)1/4XP20L | 1.5 | XC | 11.1 | 5.4 | 6.8 | 308 | 206 | 154 | 123 | 103 | 77.1 | 61.7 | 49.3 | 41.1 | 35.2 | 245 | 163 | 122 | 97.9 | 81.6 | 61.2 | 49.0 | 39.2 | 32.6 | 28.0 | | | | | | | | | | |
| | 2.0 | XC | 12.9 | 7.0 | 7.4 | 276 | 184 | 138 | 111 | 92.1 | 69.1 | 55.3 | 44.2 | 36.9 | 31.6 | 261 | 174 | 131 | 105 | 87.2 | 65.4 | 52.3 | 41.8 | 34.9 | 29.9 | | | | | | | | | | |
| | 3.0 | XC | 15.7 | 8.2 | 8.6 | 287 | 191 | 144 | 115 | 95.7 | 71.8 | 57.4 | 46.0 | 38.3 | 32.8 | 274 | 183 | 137 | 110 | 91.3 | 68.5 | 54.8 | 43.8 | 36.5 | 31.3 | | | | | | | | | | |
| | 3.5 | XC | 17.0 | 8.8 | 9.2 | 290 | 193 | 145 | 116 | 96.6 | 72.4 | 58.0 | 46.4 | 38.6 | 33.1 | 277 | 185 | 139 | 111 | 92.4 | 69.3 | 55.4 | 44.3 | 37.0 | 31.7 | | | | | | | | | | |
| 4.0 | XC | 18.2 | 9.2 | 9.8 | 297 | 198 | 148 | 119 | 98.9 | 74.2 | 59.3 | 47.5 | 39.6 | 33.9 | 279 | 186 | 139 | 111 | 92.9 | 69.6 | 55.7 | 44.6 | 37.1 | 31.8 | | | | | | | | | | | |
| (B)1/4XP25R (B)1/4XP25L | 1.5 | XC | 13.7 | 6.4 | 6.8 | 321 | 214 | 161 | 128 | 107 | 80.3 | 64.2 | 51.4 | 42.8 | 36.7 | 302 | 201 | 151 | 121 | 101 | 75.6 | 60.4 | 48.4 | 40.3 | 34.5 | | | | | | | | | | |
| | 2.0 | XC | 15.9 | 7.4 | 8.2 | 322 | 215 | 161 | 129 | 107 | 80.6 | 64.5 | 51.6 | 43.0 | 36.8 | 291 | 194 | 145 | 116 | 97.0 | 72.7 | 58.2 | 46.5 | 38.8 | 33.2 | | | | | | | | | | |
| | 3.0 | XC | 19.5 | 8.2 | 8.8 | 357 | 238 | 178 | 143 | 119 | 89.2 | 71.3 | 57.1 | 47.6 | 40.8 | 332 | 222 | 166 | 133 | 111 | 83.1 | 66.5 | 53.2 | 44.3 | 38.0 | | | | | | | | | | |
| | 3.5 | XC | 21.0 | 8.8 | 9.2 | 358 | 239 | 179 | 143 | 119 | 89.5 | 71.6 | 57.3 | 47.7 | 40.9 | 342 | 228 | 171 | 137 | 114 | 85.6 | 68.5 | 54.8 | 45.7 | 39.1 | | | | | | | | | | |
| 4.0 | XC | 22.4 | 9.2 | 9.8 | 365 | 243 | 183 | 146 | 122 | 91.3 | 73.0 | 58.4 | 48.7 | 41.7 | 343 | 229 | 171 | 137 | 114 | 85.7 | 68.6 | 54.9 | 45.7 | 39.2 | | | | | | | | | | | |
| (B)1/2XP40R (B)1/2XP40L | 1.5 | XC | 22.4 | 6.8 | 7.4 | 494 | 329 | 247 | 198 | 165 | 124 | 98.8 | 79.1 | 65.9 | 56.5 | 454 | 303 | 227 | 182 | 151 | 114 | 90.8 | 72.6 | 60.5 | 51.9 | | | | | | | | | | |
| | 2.0 | XC | 26.2 | 8.0 | 8.8 | 491 | 328 | 246 | 197 | 164 | 123 | 98.3 | 78.6 | 65.5 | 56.1 | 447 | 298 | 223 | 179 | 149 | 112 | 89.3 | 71.5 | 59.5 | 51.0 | | | | | | | | | | |
| | 3.0 | XC | 31.8 | 8.6 | 9.4 | 555 | 370 | 277 | 222 | 185 | 139 | 111 | 88.7 | 74.0 | 63.4 | 507 | 338 | 254 | 203 | 169 | 127 | 101 | 81.2 | 67.7 | 58.0 | | | | | | | | | | |
| | 3.5 | XC | 34.0 | 9.2 | 9.8 | 554 | 370 | 277 | 222 | 185 | 139 | 111 | 88.7 | 73.9 | 63.4 | 520 | 347 | 260 | 208 | 173 | 130 | 104 | 83.3 | 69.4 | 59.5 | | | | | | | | | | |
| 4.0 | XC | 36.8 | 9.8 | 10.6 | 563 | 376 | 282 | 225 | 188 | 141 | 113 | 90.1 | 75.1 | 64.4 | 521 | 347 | 260 | 208 | 174 | 130 | 104 | 83.3 | 69.4 | 59.5 | | | | | | | | | | | |
| (B)1/2XP80R (B)1/2XP80L | 1.5 | XC | 44.2 | 8.0 | 9.4 | 829 | 553 | 414 | 332 | 276 | 207 | 166 | 133 | 111 | 94.7 | 705 | 470 | 353 | 282 | 235 | 176 | 141 | 113 | 94.0 | 80.6 | | | | | | | | | | |
| | 2.0 | XC | 51.0 | 9.2 | 10.0 | 832 | 554 | 416 | 333 | 277 | 208 | 166 | 133 | 111 | 95.0 | 765 | 510 | 383 | 306 | 255 | 191 | 153 | 122 | 102 | 87.4 | | | | | | | | | | |
| | 3.0 | XC | 62.2 | 9.8 | 10.6 | 952 | 635 | 476 | 381 | 317 | 238 | 190 | 152 | 127 | 109 | 880 | 587 | 440 | 352 | 293 | 220 | 176 | 141 | 117 | 101 | | | | | | | | | | |
| | 3.5 | XC | 66.4 | 10.0 | 11.0 | 996 | 664 | 498 | 398 | 332 | 249 | 199 | 159 | 133 | 114 | 905 | 604 | 453 | 362 | 302 | 226 | 181 | 145 | 121 | 103 | | | | | | | | | | |
| 4.0 | XC | 71.6 | 10.6 | 11.2 | 1013 | 675 | 507 | 405 | 338 | 253 | 203 | 162 | 135 | 116 | 959 | 639 | 479 | 384 | 320 | 240 | 192 | 153 | 128 | 110 | | | | | | | | | | | |

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



| NOZZLE SIZE "R", "L" | bar | DROP SIZE | CAPACITY ONE NOZZLE IN l/min | SPRAY WIDTH "W" (meters) | | NOZZLE SPACING "X" = 0-7 cm | | | | | | | | | | | | | | | l/ha FOR SINGLE NOZZLE | | | | | | | | | | | | | | |
|----------------------------|-----|-----------|---------------------------------------|-----------------------------|-----------------|-----------------------------|------|------|------|------|------|------|------|------|------|--------------------|------|------|------|------|------------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| | | | | 60 cm HEIGHT | 90 cm HEIGHT | HEIGHT "Y" = 60 cm | | | | | | | | | | HEIGHT "Y" = 90 cm | | | | | | | | | | | | | | | | | | | |
| | | | | | | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | | | | | | | | | | |
| (B)1/4XP10R (B)1/4XP10L | 1.5 | XC | 2.81 | 2.6 | 3.0 | 162 | 108 | 81.1 | 64.8 | 54.0 | 40.5 | 32.4 | 25.9 | 21.6 | 18.5 | 141 | 93.7 | 70.3 | 56.2 | 46.8 | 35.1 | 28.1 | 22.5 | 18.7 | 16.1 | | | | | | | | | | |
| | 2.0 | XC | 3.23 | 3.0 | 3.4 | 162 | 108 | 80.8 | 64.6 | 53.8 | 40.4 | 32.3 | 25.8 | 21.5 | 18.5 | 143 | 95.0 | 71.3 | 57.0 | 47.5 | 35.6 | 28.5 | 22.8 | 19.0 | 16.3 | | | | | | | | | | |
| | 3.0 | XC | 3.95 | 3.4 | 3.8 | 174 | 116 | 87.1 | 69.7 | 58.1 | 43.6 | 34.9 | 27.9 | 23.2 | 19.9 | 156 | 104 | 78.0 | 62.4 | 52.0 | 39.0 | 31.2 | 24.9 | 20.8 | 17.8 | | | | | | | | | | |
| | 3.5 | XC | 4.26 | 3.8 | 4.1 | 168 | 112 | 84.1 | 67.3 | 56.1 | 42.0 | 33.6 | 26.9 | 22.4 | 19.2 | 156 | 104 | 77.9 | 62.3 | 52.0 | 39.0 | 31.2 | 24.9 | 20.8 | 17.8 | | | | | | | | | | |
| 4.0 | XC | 4.55 | 4.0 | 4.4 | 171 | 114 | 85.3 | 68.3 | 56.9 | 42.7 | 34.1 | 27.3 | 22.8 | 19.5 | 155 | 103 | 77.6 | 62.0 | 51.7 | 38.8 | 31.0 | 24.8 | 20.7 | 17.7 | | | | | | | | | | | |
| (B)1/4XP20R (B)1/4XP20L | 1.5 | XC | 5.56 | 2.7 | 3.4 | 309 | 206 | 154 | 124 | 103 | 77.2 | 61.8 | 49.4 | 41.2 | 35.3 | 245 | 164 | 123 | 98.1 | 81.8 | 61.3 | 49.1 | 39.2 | 32.7 | 28.0 | | | | | | | | | | |
| | 2.0 | XC | 6.43 | 3.5 | 3.7 | 276 | 184 | 138 | 110 | 91.9 | 68.9 | 55.1 | 44.1 | 36.7 | 31.5 | 261 | 174 | 130 | 104 | 86.9 | 65.2 | 52.1 | 41.7 | 34.8 | 29.8 | | | | | | | | | | |
| | 3.0 | XC | 7.87 | 4.1 | 4.3 | 288 | 192 | 144 | 115 | 96.0 | 72.0 | 57.6 | 46.1 | 38.4 | 32.9 | 275 | 183 | 137 | 110 | 91.5 | 68.6 | 54.9 | 43.9 | 36.6 | 31.4 | | | | | | | | | | |
| | 3.5 | XC | 8.52 | 4.4 | 4.6 | 290 | 194 | 145 | 116 | 96.8 | 72.6 | 58.1 | 46.5 | 38.7 | 33.2 | 278 | 185 | 139 | 111 | 92.6 | 69.5 | 55.6 | 44.5 | 37.0 | 31.8 | | | | | | | | | | |
| 4.0 | XC | 9.12 | 4.6 | 4.9 | 297 | 198 | 149 | 119 | 99.1 | 74.3 | 59.5 | 47.6 | 39.7 | 34.0 | 279 | 186 | 140 | 112 | 93.1 | 69.8 | 55.8 | 44.7 | 37.2 | 31.9 | | | | | | | | | | | |
| (B)1/4XP25R (B)1/4XP25L | 1.5 | XC | 6.85 | 3.2 | 3.4 | 321 | 214 | 161 | 128 | 107 | 80.3 | 64.2 | 51.4 | 42.8 | 36.7 | 302 | 201 | 151 | 121 | 101 | 75.6 | 60.4 | 48.4 | 40.3 | 34.5 | | | | | | | | | | |
| | 2.0 | XC | 7.95 | 3.7 | 4.1 | 322 | 215 | 161 | 129 | 107 | 80.6 | 64.5 | 51.6 | 43.0 | 36.8 | 291 | 194 | 145 | 116 | 97.0 | 72.7 | 58.2 | 46.5 | 38.8 | 33.2 | | | | | | | | | | |
| | 3.0 | XC | 9.77 | 4.1 | 4.4 | 357 | 238 | 179 | 143 | 119 | 89.4 | 71.5 | 57.2 | 47.7 | 40.9 | 333 | 222 | 167 | 133 | 111 | 83.3 | 66.6 | 53.3 | 44.4 | 38.1 | | | | | | | | | | |
| | 3.5 | XC | 10.5 | 4.4 | 4.6 | 358 | 239 | 179 | 143 | 119 | 89.5 | 71.6 | 57.3 | 47.7 | 40.9 | 342 | 228 | 171 | 137 | 114 | 85.6 | 68.5 | 54.8 | 45.7 | 39.1 | | | | | | | | | | |
| 4.0 | XC | 11.2 | 4.6 | 4.9 | 365 | 243 | 183 | 146 | 122 | 91.3 | 73.0 | 58.4 | 48.7 | 41.7 | 343 | 229 | 171 | 137 | 114 | 85.7 | 68.6 | 54.9 | 45.7 | 39.2 | | | | | | | | | | | |
| (B)1/2XP40R (B)1/2XP40L | 1.5 | XC | 11.2 | 3.4 | 3.7 | 494 | 329 | 247 | 198 | 165 | 124 | 98.8 | 79.1 | 65.9 | 56.5 | 454 | 303 | 227 | 182 | 151 | 114 | 90.8 | 72.6 | 60.5 | 51.9 | | | | | | | | | | |
| | 2.0 | XC | 13.1 | 4.0 | 4.4 | 491 | 328 | 246 | 197 | 164 | 123 | 98.3 | 78.6 | 65.5 | 56.1 | 447 | 298 | 223 | 179 | 149 | 112 | 89.3 | 71.5 | 59.5 | 51.0 | | | | | | | | | | |
| | 3.0 | XC | 15.9 | 4.3 | 4.7 | 555 | 370 | 277 | 222 | 185 | 139 | 111 | 88.7 | 74.0 | 63.4 | 507 | 338 | 254 | 203 | 169 | 127 | 101 | 81.2 | 67.7 | 58.0 | | | | | | | | | | |
| | 3.5 | XC | 17.0 | 4.6 | 4.9 | 554 | 370 | 277 | 222 | 185 | 139 | 111 | 88.7 | 73.9 | 63.4 | 520 | 347 | 260 | 208 | 173 | 130 | 104 | 83.3 | 69.4 | 59.5 | | | | | | | | | | |
| 4.0 | XC | 18.4 | 4.9 | 5.3 | 563 | 376 | 282 | 225 | 188 | 141 | 113 | 90.1 | 75.1 | 64.4 | 521 | 347 | 260 | 208 | 174 | 130 | 104 | 83.3 | 69.4 | 59.5 | | | | | | | | | | | |
| (B)1/2XP80R (B)1/2XP80L | 1.5 | XC | 22.1 | 4.0 | 4.7 | 829 | 553 | 414 | 332 | 276 | 207 | 166 | 133 | 111 | 94.7 | 705 | 470 | 353 | 282 | 235 | 176 | 141 | 113 | 94.0 | 80.6 | | | | | | | | | | |
| | 2.0 | XC | 25.5 | 4.6 | 5.0 | 832 | 554 | 416 | 333 | 277 | 208 | 166 | 133 | 111 | 95.0 | 765 | 510 | 383 | 306 | 255 | 191 | 153 | 122 | 102 | 87.4 | | | | | | | | | | |
| | 3.0 | XC | 31.1 | 4.9 | 5.3 | 952 | 635 | 476 | 381 | 317 | 238 | 190 | 152 | 127 | 109 | 880 | 587 | 440 | 352 | 293 | 220 | 176 | 141 | 117 | 101 | | | | | | | | | | |
| | 3.5 | XC | 33.2 | 5.0 | 5.5 | 996 | 664 | 498 | 398 | 332 | 249 | 199 | 159 | 133 | 114 | 905 | 604 | 453 | 362 | 302 | 226 | 181 | 145 | 121 | 103 | | | | | | | | | | |
| 4.0 | XC | 35.8 | 5.3 | 5.6 | 1013 | 675 | 507 | 405 | 338 | 253 | 203 | 162 | 135 | 116 | 959 | 639 | 479 | 384 | 320 | 240 | 192 | 153 | 128 | 110 | | | | | | | | | | | |

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

(B