



Images are for illustration purposes only and may have different optional accessories and versions. Check available settings at a dealer near you.  
This leaflet does not void the need to read the operator's manual closely.  
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JACTO TVI



JACTO TVI.**AIR INDUCTION HOLLOW CONE - LOW DRIFT.**

# REDUCES CONTAMINATION RISK FOR THE ENVIRONMENT AND THE OPERATOR

EASILY DISASSEMBLED, EASILY CLEANED.  
LOW CLOGGING AND EVAPORATION RISK.

### NOZZLE FEATURES

Highly wear resistant ceramic. Highly durable.

### TECHNICAL INFORMATION

Spray Pattern: **Hollow Cone**

Spray Angle: **80°**

Material: **Ceramic**

Flow rate identification: **Color-coded (ISO Standards)**

Pressure Range

75 to 225 lbf/inch<sup>2</sup>

| DROP SIZE |                  |
|-----------|------------------|
| VF        | Very fine        |
| F         | Fine             |
| M         | Medium           |
| C         | Coarse           |
| VC        | Very coarse      |
| XC        | Extremely coarse |

| TVI NOZZLES  |                       |           |
|--------------|-----------------------|-----------|
| Herbicides   | Incorporated          |           |
|              | Pre-Emergent          |           |
|              | Pos-Emergent Contact  | Good      |
|              | Pos-Emergent Systemic | Excellent |
| Fungicides   | Contact               | Good      |
|              | Systemic              | Excellent |
| Insecticides | Contact               | Good      |
|              | Systemic              | Excellent |

Droplet size must be chosen according to intended target areas.

| SPECIFICATIONS                 |      |                                   |               |                       | APPLICATION RATE (km/h) |     |     |     |     |     |     |     |     |     |     |     |     |    |  |  |  |
|--------------------------------|------|-----------------------------------|---------------|-----------------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|--|
| Model                          | Mesh | Pressure<br>lbf/inch <sup>2</sup> | Flow<br>l/min | Drop<br>Size<br>(VMD) | 5                       | 7   | 8   | 9   | 10  | 11  | 12  | 14  | 16  | 18  | 20  | 25  | 30  | 35 |  |  |  |
|                                |      |                                   |               |                       | l/ha                    |     |     |     |     |     |     |     |     |     |     |     |     |    |  |  |  |
| TVI<br>800050<br>P/N<br>810358 | 100  | 75                                | NR*           | -                     | -                       | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |  |  |  |
|                                |      | 90                                | NR*           | -                     | -                       | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |  |  |  |
|                                |      | 105                               | 0,31          | XC                    | 74                      | 53  | 47  | 41  | 37  | 34  | 31  | 27  | 23  | 21  | 19  | 15  | 12  | 11 |  |  |  |
|                                |      | 120                               | 0,33          | XC                    | 79                      | 57  | 50  | 44  | 40  | 36  | 33  | 28  | 25  | 22  | 20  | 16  | 13  | 11 |  |  |  |
|                                |      | 135                               | 0,35          | VC                    | 84                      | 60  | 53  | 47  | 42  | 38  | 35  | 30  | 26  | 23  | 21  | 17  | 14  | 12 |  |  |  |
|                                |      | 150                               | 0,37          | C                     | 89                      | 63  | 56  | 49  | 44  | 40  | 37  | 32  | 28  | 25  | 22  | 18  | 15  | 13 |  |  |  |
|                                |      | 225                               | 0,45          | C                     | 108                     | 77  | 68  | 60  | 54  | 49  | 45  | 39  | 34  | 30  | 27  | 22  | 18  | 15 |  |  |  |
| TVI<br>800075<br>P/N<br>810366 | 100  | 75                                | 0,39          | XC                    | 94                      | 67  | 59  | 52  | 47  | 43  | 39  | 33  | 29  | 26  | 23  | 19  | 16  | 13 |  |  |  |
|                                |      | 90                                | 0,42          | XC                    | 101                     | 72  | 63  | 56  | 50  | 46  | 42  | 36  | 32  | 28  | 25  | 20  | 17  | 14 |  |  |  |
|                                |      | 105                               | 0,46          | XC                    | 110                     | 79  | 69  | 61  | 55  | 50  | 46  | 39  | 35  | 31  | 28  | 22  | 18  | 16 |  |  |  |
|                                |      | 120                               | 0,49          | XC                    | 118                     | 84  | 74  | 65  | 59  | 53  | 49  | 42  | 37  | 33  | 29  | 24  | 20  | 17 |  |  |  |
|                                |      | 135                               | 0,52          | VC                    | 125                     | 89  | 78  | 69  | 62  | 57  | 52  | 45  | 39  | 35  | 31  | 25  | 21  | 18 |  |  |  |
|                                |      | 150                               | 0,55          | C                     | 132                     | 94  | 83  | 73  | 66  | 60  | 55  | 47  | 41  | 37  | 33  | 26  | 22  | 19 |  |  |  |
|                                |      | 225                               | 0,67          | C                     | 161                     | 115 | 101 | 89  | 80  | 73  | 67  | 57  | 50  | 45  | 40  | 32  | 27  | 23 |  |  |  |
| TVI<br>80015<br>P/N<br>810382  | 100  | 75                                | 0,77          | XC                    | 185                     | 132 | 116 | 103 | 92  | 84  | 77  | 66  | 58  | 51  | 46  | 37  | 31  | 26 |  |  |  |
|                                |      | 90                                | 0,85          | XC                    | 204                     | 146 | 128 | 113 | 102 | 93  | 85  | 73  | 64  | 57  | 51  | 41  | 34  | 29 |  |  |  |
|                                |      | 105                               | 0,92          | XC                    | 221                     | 158 | 138 | 123 | 110 | 100 | 92  | 79  | 69  | 61  | 55  | 44  | 37  | 32 |  |  |  |
|                                |      | 120                               | 0,98          | XC                    | 235                     | 168 | 147 | 131 | 118 | 107 | 98  | 84  | 74  | 65  | 59  | 47  | 39  | 34 |  |  |  |
|                                |      | 135                               | 1,04          | VC                    | 250                     | 178 | 156 | 139 | 125 | 113 | 104 | 89  | 78  | 69  | 62  | 50  | 42  | 36 |  |  |  |
|                                |      | 150                               | 1,10          | C                     | 264                     | 189 | 165 | 147 | 132 | 120 | 110 | 94  | 83  | 73  | 66  | 53  | 44  | 38 |  |  |  |
|                                |      | 225                               | 1,34          | C                     | 322                     | 230 | 201 | 179 | 161 | 146 | 134 | 115 | 101 | 89  | 80  | 64  | 54  | 46 |  |  |  |
| TVI<br>8002<br>P/N<br>810416   | 100  | 75                                | 1,03          | XC                    | 247                     | 177 | 155 | 137 | 124 | 112 | 103 | 88  | 77  | 69  | 62  | 49  | 41  | 35 |  |  |  |
|                                |      | 90                                | 1,13          | XC                    | 271                     | 194 | 170 | 151 | 136 | 123 | 113 | 97  | 85  | 75  | 68  | 54  | 45  | 39 |  |  |  |
|                                |      | 105                               | 1,22          | XC                    | 293                     | 209 | 183 | 163 | 146 | 133 | 122 | 105 | 92  | 81  | 73  | 59  | 49  | 42 |  |  |  |
|                                |      | 120                               | 1,31          | XC                    | 314                     | 225 | 197 | 175 | 157 | 143 | 131 | 112 | 98  | 87  | 79  | 63  | 52  | 45 |  |  |  |
|                                |      | 135                               | 1,39          | VC                    | 334                     | 238 | 209 | 185 | 167 | 152 | 139 | 119 | 104 | 93  | 83  | 67  | 56  | 48 |  |  |  |
|                                |      | 150                               | 1,46          | VC                    | 350                     | 250 | 219 | 195 | 175 | 159 | 146 | 125 | 110 | 97  | 88  | 70  | 58  | 50 |  |  |  |
|                                |      | 225                               | 1,79          | VC                    | 430                     | 307 | 269 | 239 | 215 | 195 | 179 | 153 | 134 | 119 | 107 | 86  | 72  | 61 |  |  |  |
| TVI<br>80025<br>P/N<br>810432  | 100  | 75                                | 1,29          | XC                    | 310                     | 221 | 194 | 172 | 155 | 141 | 129 | 111 | 97  | 86  | 77  | 62  | 52  | 44 |  |  |  |
|                                |      | 90                                | 1,41          | XC                    | 338                     | 242 | 212 | 188 | 169 | 154 | 141 | 121 | 106 | 94  | 85  | 68  | 56  | 48 |  |  |  |
|                                |      | 105                               | 1,53          | XC                    | 367                     | 262 | 230 | 204 | 184 | 167 | 153 | 131 | 115 | 102 | 92  | 73  | 61  | 52 |  |  |  |
|                                |      | 120                               | 1,63          | XC                    | 391                     | 279 | 245 | 217 | 196 | 178 | 163 | 140 | 122 | 109 | 98  | 78  | 65  | 56 |  |  |  |
|                                |      | 135                               | 1,73          | VC                    | 415                     | 297 | 260 | 231 | 208 | 189 | 173 | 148 | 130 | 115 | 104 | 83  | 69  | 59 |  |  |  |
|                                |      | 150                               | 1,83          | VC                    | 439                     | 314 | 275 | 244 | 220 | 200 | 183 | 157 | 137 | 122 | 110 | 88  | 73  | 63 |  |  |  |
|                                |      | 225                               | 2,24          | VC                    | 538                     | 384 | 336 | 299 | 269 | 244 | 224 | 192 | 168 | 149 | 134 | 108 | 90  | 77 |  |  |  |
| TVI<br>8003<br>P/N<br>810440   | 100  | 75                                | 1,55          | XC                    | 372                     | 266 | 233 | 207 | 186 | 169 | 155 | 133 | 116 | 103 | 93  | 74  | 62  | 53 |  |  |  |
|                                |      | 90                                | 1,70          | XC                    | 408                     | 291 | 255 | 227 | 204 | 185 | 170 | 146 | 128 | 113 | 102 | 82  | 68  | 58 |  |  |  |
|                                |      | 105                               | 1,83          | XC                    | 439                     | 314 | 275 | 244 | 220 | 200 | 183 | 157 | 137 | 122 | 110 | 88  | 73  | 63 |  |  |  |
|                                |      | 120                               | 1,96          | XC                    | 470                     | 336 | 294 | 261 | 235 | 214 | 196 | 168 | 147 | 131 | 118 | 94  | 78  | 67 |  |  |  |
|                                |      | 135                               | 2,08          | XC                    | 499                     | 357 | 312 | 277 | 250 | 227 | 208 | 178 | 156 | 139 | 125 | 100 | 83  | 71 |  |  |  |
|                                |      | 150                               | 2,19          | XC                    | 526                     | 375 | 329 | 292 | 263 | 239 | 219 | 188 | 164 | 146 | 131 | 105 | 88  | 75 |  |  |  |
|                                |      | 225                               | 2,68          | XC                    | 643                     | 459 | 402 | 357 | 322 | 292 | 268 | 230 | 201 | 179 | 161 | 129 | 107 | 92 |  |  |  |

For 0.35-m nozzle spacing multiply l/ha value x 1.43. Nozzle spacing - 0.5 m. Specify code and PN when ordering. E.g.: TVI 80050 nozzle - PN 810.358

