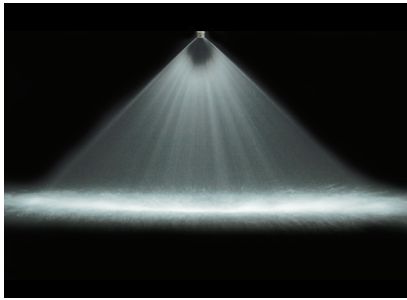
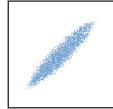


LARGE CAPACITY FLAT FAN NOZZLES

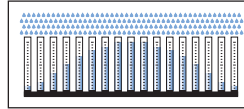
J series standard flat fan nozzles are available in a wide range of different capacities, spray angles, thread sizes and materials. The large capacity models produce a high-impact spray jet with a mist effect and a powerful washing action.



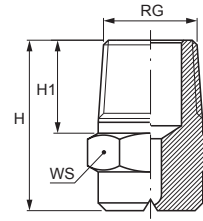
■ Thread specification: BSPT, NPT



Spray section



Convex distribution



| Nozzle icon | 1/2" | 3/4" | 1" | Code | Capacity at different pressure values | | | | | | | | (l/min) (bar) | |
|-------------|------|------|----|-------------|---------------------------------------|------|------|------|------|------|------|------|---------------|--|
| | | | | | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 | |
| 0° | • | • | • | JDA 2590 xx | 24.1 | 34.1 | 48.2 | 59.0 | 68.1 | 76.2 | 90.1 | 108 | 152 | |
| | | | | JDA 2780 xx | 31.8 | 45.0 | 63.7 | 78.0 | 90.1 | 101 | 119 | 142 | 201 | |
| | • | • | • | JEA 3134 xx | 54.7 | 77.4 | 109 | 134 | 155 | 173 | 205 | 245 | 346 | |
| | | | | JEA 3275 xx | 112 | 159 | 225 | 275 | 318 | 355 | 420 | 502 | 710 | |
| 15° | • | • | • | JFA 3390 xx | 159 | 225 | 318 | 390 | 450 | 503 | 596 | 712 | 1007 | |
| | | | | JFA 3435 xx | 178 | 251 | 355 | 435 | 502 | 562 | 664 | 794 | 1123 | |
| | • | • | • | JDB 2195 xx | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 | |
| | | | | JDB 2274 xx | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 | |
| 25° | • | • | • | JDB 2390 xx | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 | |
| | | | | JEB 2990 xx | 40.4 | 57.2 | 80.8 | 99.0 | 114 | 128 | 151 | 181 | 256 | |
| | • | • | • | JDD 2390 xx | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 | |
| | | | | JDD 2590 xx | 24.1 | 34.1 | 48.2 | 59.0 | 68.1 | 76.2 | 90.1 | 108 | 152 | |
| 40° | • | • | • | JDD 2780 xx | 31.8 | 45.0 | 63.7 | 78.0 | 90.1 | 101 | 119 | 142 | 201 | |
| | | | | JFD 3195 xx | 79.6 | 113 | 159 | 195 | 225 | 252 | 298 | 356 | 503 | |
| | • | • | • | JDL 2195 xx | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 | |
| | | | | JDL 2240 xx | 9.80 | 13.9 | 19.6 | 24.0 | 27.7 | 31.0 | 36.7 | 43.8 | 62.0 | |
| 50° | • | • | • | JDL 2274 xx | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 | |
| | | | | JDL 2390 xx | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 | |
| | • | • | • | JDL 2590 xx | 24.1 | 34.1 | 48.2 | 59.0 | 68.1 | 76.2 | 90.1 | 108 | 152 | |
| | | | | JDN 2274 xx | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 | |
| 65° | • | • | • | JDN 2390 xx | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 | |
| | | | | JDN 2590 xx | 24.1 | 34.1 | 48.2 | 59.0 | 68.1 | 76.2 | 90.1 | 108 | 152 | |
| | • | • | • | JDN 2780 xx | 31.8 | 45.0 | 63.7 | 78.0 | 90.1 | 101 | 119 | 142 | 201 | |
| | | | | JEN 3158 xx | 64.5 | 91.2 | 129 | 158 | 182 | 204 | 241 | 288 | 408 | |
| 80° | • | • | • | JFN 3195 xx | 79.6 | 113 | 159 | 195 | 225 | 252 | 298 | 356 | 503 | |
| | | | | JFN 3230 xx | 93.9 | 133 | 188 | 230 | 266 | 297 | 351 | 420 | 594 | |
| | • | • | • | JDR 2195 xx | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 | |
| | | | | JDR 2240 xx | 9.80 | 13.9 | 19.6 | 24.0 | 27.7 | 31.0 | 36.7 | 43.8 | 62.0 | |
| 95° | • | • | • | JDR 2274 xx | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 | |
| | | | | JDR 2390 xx | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 | |
| | • | • | • | JDR 2590 xx | 24.1 | 34.1 | 48.2 | 59.0 | 68.1 | 76.2 | 90.1 | 108 | 152 | |
| | | | | JFR 2780 xx | 31.8 | 45.0 | 63.7 | 78.0 | 90.1 | 101 | 119 | 142 | 201 | |
| 95° | • | • | • | JET 2780 xx | 31.8 | 45.0 | 63.7 | 78.0 | 90.1 | 101 | 119 | 142 | 201 | |
| | | | | JET 3158 xx | 64.5 | 91.2 | 129 | 158 | 182 | 204 | 241 | 288 | 408 | |
| | • | • | • | JDV 2195 xx | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 | |
| | | | | JDV 2240 xx | 9.80 | 13.9 | 19.6 | 24.0 | 27.7 | 31.0 | 36.7 | 43.8 | 62.0 | |
| 95° | • | • | • | JDV 2274 xx | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 | |
| | | | | JDV 2390 xx | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 | |
| | • | • | • | JDV 2590 xx | 24.1 | 34.1 | 48.2 | 59.0 | 68.1 | 76.2 | 90.1 | 108 | 152 | |

SPRAY ANGLE CODES

| Nozzle code | Spray angle |
|-------------|-------------|
| JDA | 0° |
| JDB | 15° |
| JDD | 25° |
| JDL | 40° |
| JDN | 50° |
| JDR | 65° |
| JDT | 80° |
| JDV | 95° |

DIMENSIONS AND WEIGHTS

Below are dimensions and specifications for use.

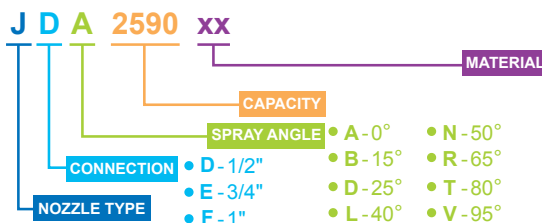
| Code | Size | H | H1 | WS | W |
|------|------|------|----|----|-----|
| | | inch | mm | mm | mm |
| JD | 1/2" | 33 | 17 | 22 | 65 |
| JE | 3/4" | 41 | 20 | 27 | 130 |
| JF | 1" | 61 | 22 | 27 | 215 |

Typical applications

- Washing**
Tanks, large parts and vehicles cleaning
- Spray**
Spray of chemicals
Disinfectants and lubricating fluids
- Cooling**
Parts cooling
Steel cooling
- Other applications**
Water curtain to separate toxic gases
Fire-fighting systems

HOW TO MAKE UP THE NOZZLE CODE

EX.: JDA 2590 B1



- MATERIAL**
- B1 - AISI 303 Stainless steel
- B31 - AISI 316L Stainless steel
- T1 - Brass

- CONNECTION**
- D - 1/2"
- E - 3/4"
- F - 1"
- SPRAY ANGLE**
- A - 0°
- B - 15°
- D - 25°
- L - 40°
- N - 50°
- R - 65°
- T - 80°
- V - 95°