

## FLAT FAN JET NOZZLES RANGE OVERVIEW

### F



#### HIGH PRESSURE WASHING

Type F flat fan jet nozzles are designed for high pressure washing applications. The inner profile design allows for even jet distribution which results in an effective and uniform cleaning action over the surface being processed.

All nozzles are finished on high precision machinery assuring close manufacturing tolerances for capacity within +/- 3% of the nominal value, and they are made out of AISI 416 grade stainless steel, bright-hardened through the body (not cheaply surface hardened). Nozzles shown in this catalogue have a tapered thread according to BSPT standards, while NPT threaded nozzles are available for other markets outside Europe. Typical applications are machines and plants for car washing processes, industrial cleaning processes, and pressure washers.

**Material**            C2    AISI 416 Stainless steel, hardened

| 0°  |     |     | 15° |     |     | 25° |     |     | 40° |     |     | 65° |     |     | Code | Eqv. DIA | Nozzle capacity at different pressure values |      |      |      |      |      |      | lpm bar |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----------|--|------|------|------|------|------|------|---------|
| FAA | FBA | FXA | FAB | FBB | FXB | FAD | FBD | FXD | FAL | FBL | FXL | FAR | FBR | FXR |      |          | mm   | 20   | 30   | 50   | 70   | 100  | 150  |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1460 | 0.70     | 2.0  | 2.4  | 3.1  | 3.7  | 4.4  | 5.4  | 6.2  |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1686 | 1.12     | 3.0  | 3.6  | 4.7  | 5.5  | 6.6  | 8.1  | 9.3  |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1930 | 1.28     | 4.1  | 5.0  | 6.5  | 7.7  | 9.2  | 11.3 | 13.0 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2103 | 1.35     | 4.6  | 5.6  | 7.3  | 8.6  | 10.3 | 12.6 | 14.6 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2116 | 1.42     | 5.1  | 6.2  | 8.1  | 9.5  | 11.4 | 14.0 | 16.1 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2126 | 1.47     | 5.6  | 6.9  | 8.9  | 10.5 | 12.6 | 15.4 | 17.8 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2138 | 1.54     | 6.1  | 7.4  | 9.6  | 11.4 | 13.6 | 16.7 | 19.2 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2149 | 1.60     | 6.7  | 8.2  | 10.5 | 12.5 | 14.9 | 18.2 | 21.1 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2160 | 1.66     | 7.2  | 8.8  | 11.3 | 13.4 | 16.0 | 19.6 | 22.6 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2170 | 1.71     | 7.6  | 9.3  | 12.0 | 14.2 | 17.0 | 20.8 | 24.0 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2181 | 1.76     | 8.1  | 9.9  | 12.8 | 15.1 | 18.1 | 22.2 | 25.6 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2204 | 1.87     | 9.1  | 11.2 | 14.4 | 17.1 | 20.3 | 25.0 | 28.8 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2226 | 1.98     | 10.1   | 12.4 | 16.0 | 18.9 | 22.6 | 27.7 | 32.0 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2341 | 2.40     | 15.2   | 18.6 | 24.0 | 28.4 | 34.1 | 41.5 | 47.9 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2456 | 2.76     | 20.4   | 25.0 | 32.2 | 38.2 | 45.4 | 55.8 | 64.5 |         |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2682 | 3.42     | 30.5   | 37.4 | 48.2 | 57.1 | 67.9 | 83.5 | 96.4 |         |

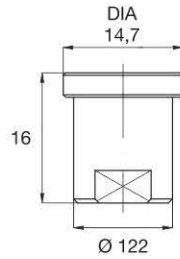
The table on the next page shows the correspondence between the nominal capacities in U.S. gallons per minute at 40 psi, this is commonly used to identify high pressure washing nozzles and the PNR capacity code at 100 bar. See the following page for dimensions and assembly accessories that accompany high pressure washing nozzles.

## FLAT FAN JET NOZZLES

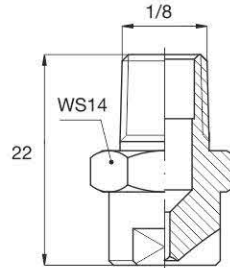
### F

#### OUTER DIMENSIONS OF F TYPE NOZZLES AND FX NOZZLE TIPS

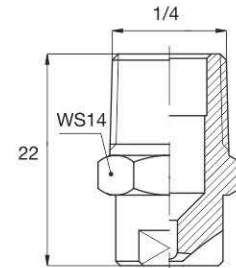
| US Gals | PNR Code |
|---------|----------|
| 02      | 1460     |
| 03      | 1686     |
| 04      | 1930     |
| 045     | 2103     |
| 05      | 2116     |
| 055     | 2126     |
| 06      | 2138     |
| 065     | 2149     |
| 07      | 2160     |
| 075     | 2170     |
| 08      | 2181     |
| 09      | 2204     |
| 10      | 2226     |
| 12      | 2272     |
| 12.5    | 2280     |
| 13      | 2296     |
| 15      | 2341     |
| 20      | 2456     |
| 30      | 2682     |



FX



FA



FB

#### High pressure washing accessories

We supply a range of quality guns and lances designed for high pressure washing applications in our Accessories catalogue (code CTG AC).



UMW 0010 D4



UMW 0020 D4



UMW 0030 B31



UMW 0045 B31

#### Flow straightener

We can also supply on request our FX tips which are complete with an inside stainless steel flow straightener to help improve jet efficiency.

