



THE
SPRAY NOZZLE
PEOPLE

TF29-180

Ultra-wide full cone
coverage



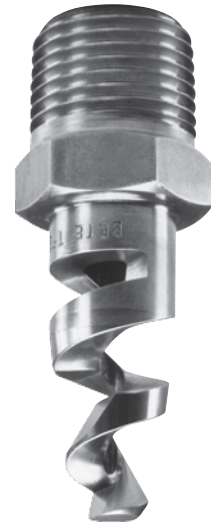
FULL CONE

DESIGN FEATURES

- ✓ Two-turn spiral
- ✓ Ultra-wide spray coverage very close to the nozzle
- ✓ One-piece design/no internal parts

SPRAY CHARACTERISTICS

- ✓ Wide Wide spray coverage
- ✓ Fine atomisation
- ✓ Spray patterns: circular sheet with maximum coverage and excellent atomization
- ✓ Spray angle: 180° extra-wide angle Flow rates: 12.3 to 355 l/min



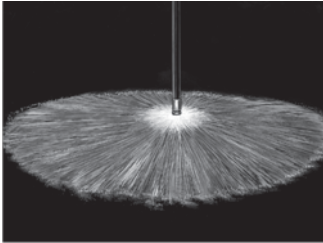
The TF29-180 is a full cone nozzle delivering ultra wide full cone coverage.

It is an excellent choice for deluge applications where there is little distance between the nozzle and material being protected.

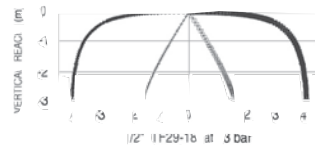
CALL NOW : +44 (0) 1273 400092

www.spray-nozzle.co.uk

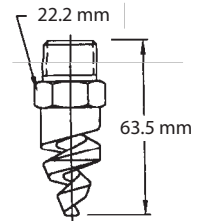
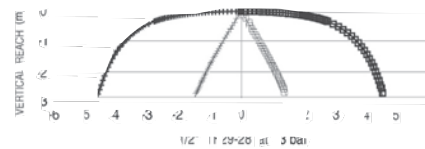
The Go-to People for Successful Spray Engineering



Spray Coverage



Spray Coverage



TF29-180 Full Cone Flow Rates and Dimensions

Full Cone, 180° Extra Wide Spray Angle, 1/2" Pipe Size, BSP or NPT
Standard Materials: Brass, 316 Stainless Steel

Litres per minute @ Bar

1/2"	Nozzle No	K factor	0.5	0.7	1	2	3	5	10	20	Free Pass & Orifice dim (mm)
	TF29-180-16	17.3	12.3	14.5	17.3	24.5	30.0	38.8	54.8	77.5	5.16
	TF29-180-18	27.4	19.4	22.9	27.4	38.7	47.4	61.2	86.5	122	6.35
	TF29-180-21	33.1	23.4	27.7	33.1	46.8	57.3	73.9	105	148	7.14
	TF29-180-24	43.3	30.6	36.3	43.3	61.3	75.1	96.9	137	194	8.33
	TF29-180-28	56.3	39.8	47.1	56.3	79.7	97.6	126	178	252	9.53
	TF29-180-32	79.4	56.1	66.4	79.4	112	137	177	251	355	11.1

Flow Rate (l/min) = $K \sqrt{\text{bar}}$

Ask our technical sales engineers about additional products and services to optimise your spraying process.

Spray Calibration Solutions

Easy-to-use, fast measurement solutions to ensure accurate nozzle installation and maintenance, reduce water wastage and identify nozzle wear.



Spray Pattern & Droplet Distribution



Nozzle Flow Calibrators



Nozzle Cleaning Kit

Complete Spray Bars

Tailored nozzle selections and spray bar designs that integrate seamlessly with your new or existing setup.

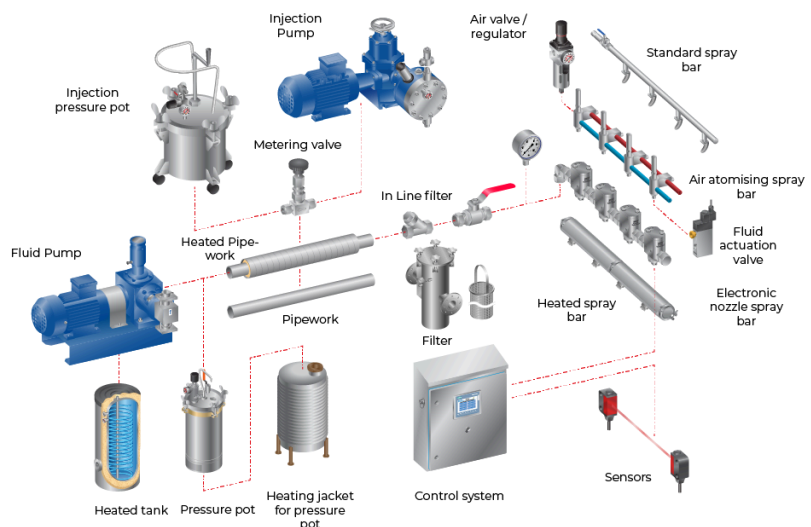
- ✓ Expert nozzle selection and placement
- ✓ Efficient spray coverage
- ✓ Fast turnaround time
- ✓ Reduced design burden
- ✓ High-quality spray bars



Complete Custom Spraying Systems

Complete spraying systems built around your goals and application.

- ✓ Tailored upstream components supplied individually or as part of complete system
- ✓ Custom pipework, pumps, tanks, sensors, valves, heating, control panels and more
- ✓ Seamless integration with existing processes
- ✓ Built to budget and ROI targets
- ✓ End-to-end support: design, install, maintain



THE GO-TO PEOPLE FOR SUCCESSFUL SPRAY ENGINEERING