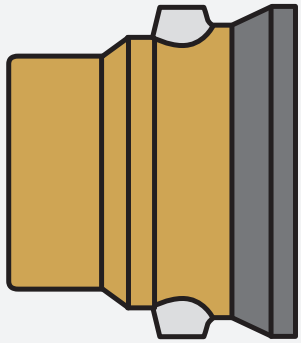
Titan FJ 1300 - 8500

Fog / Jet Nozzle Range

- Adjustable from straight jet to fog pattern
- Designed to handle flows from 1,300 to 8,500 l/min at a nominal inlet pressure of 7 bar



The Angus FJ range of fog/jet nozzles have a simple and reliable design fitted with a rotating sleeve which allows the water or foam stream to be adjusted manually from straight jet to wide fog pattern. The FJ range is designed to handle flows from 1,300 to 8500 l/min (at a nominal inlet pressure of 7 bar).

Most outer sleeves are fitted with brass handles to allow easy adjustment when wearing gloves or operating under difficult conditions.

Inlet connections

2½" BSP M, 3½" BSP F, 150 x 150 square flanged with "O" ring seal (other inlet options are available on request)

Design pressure

Maximum working pressure 16 bar
Factory test pressure 24 bar.

Nozzle materials

FJ 1300 - 8500

Bronze body to EN CC491K, equivalent to LG2, Red Brass, ASTM B62 and UNI 7013-8

Seals: NBR

Copper	Zinc	Lead	Tin
85%	5%	5%	5%

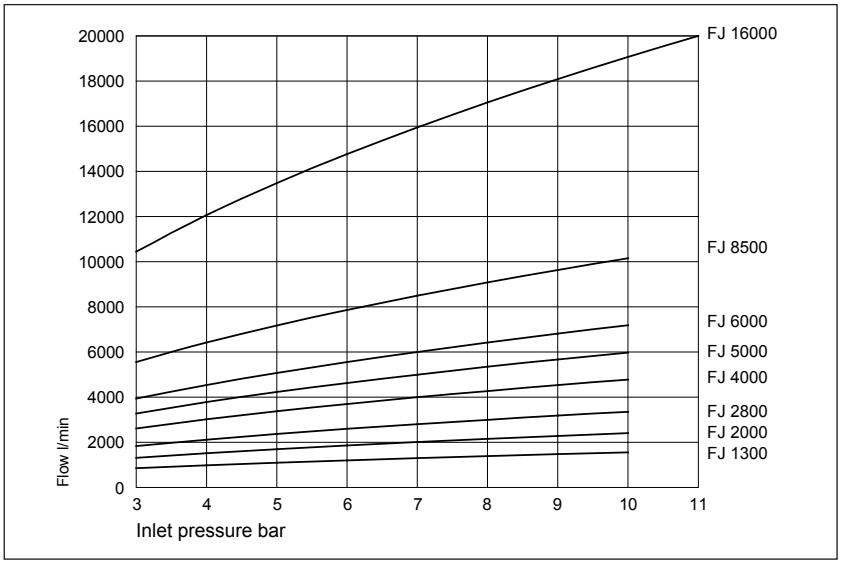
Optional Paint Finish	
Surface preparation	Solvent cleaning
Primer coat	Epoxy 30µm
Intermediate coat	Epoxy grey 40µm
Finish coat	Polyurethane 40µm
	Red RAL3000
Total dry film thickness	110µm

Typical full jet throw		
Nozzle Model	Nominal Flow l/min*	Throw*
FJ 1300	1300	47
FJ 2000	2000	54
FJ 2800	2800	72
FJ 4000	4000	82
FJ 5000	5000	87
FJ 6000	6000	93
FJ 8500	8500	98

* Maximum distance at a nozzle elevation of 32° and 7 bar inlet pressure

Note: The jet throw depends on a number of variables such as wind direction, type and concentration of foam in the water and the condition of the monitor water ways and nozzle.

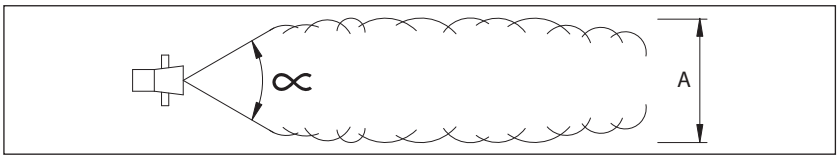
For throw and height calculations at different inlet pressure, angles and flows for specific monitor and nozzle combinations refer to the Angus interactive electronic data sheet.



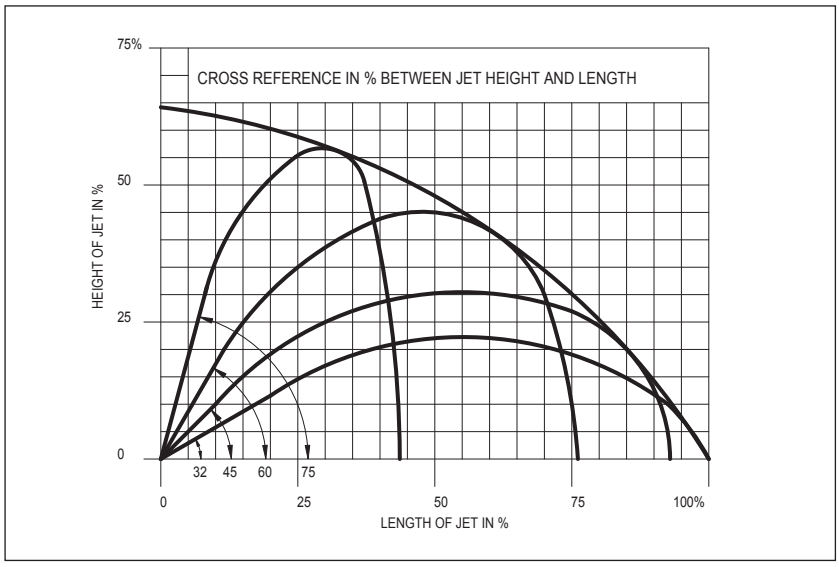
Titan FJ 1300 - 8,500

Fog / Jet Nozzle Range

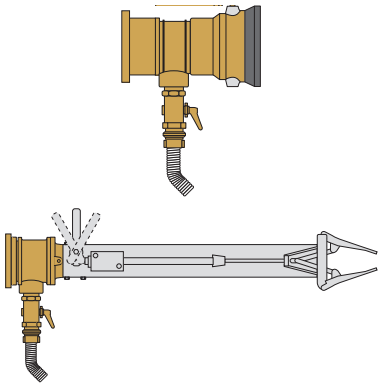
Width of jet A at a ∝ 30° / 60°			
Model/Flow	5 bar	7 bar	9 bar
1,300	3.0m / 3.5m	3.0m / 2.9m	2.6m / 2.9m
2,000	2.5m / 3.5m	2.5m / 3.0m	2.3m / 3.2m
2,800	2.0m / 3.0m	2.0m / 3.0m	1.8m / 3.0m
4,000	2.0m / 3.0m	2.0m / 3.0m	2.0m / 3.0m
5,000	2.5m / 3.0m	2.5m / 3.0m	2.5m / 3.0m
6,000	2.5m / 3.0m	2.5m / 3.0m	2.5m / 3.0m
8,500	2.5m / 3.0m	2.5m / 3.0m	2.5m / 3.0m



The approximate relationship between the height and throw of the water jet for various angles of incidence is shown below.



Self Inducing Nozzles and Cannons



Nozzles with self inducing venturi and pick up tubes are available for flows of 1,300 l/min, 2,000 l/min, 2,850 l/min and 4,000 l/min.A calibrated inlet valve on the foam inlet can be set for 0%, 1%, 3% or 6% induction.

Angus foam cannons cover the range 800 to 15,000 l/min with a self inducing option and foam spreaders available on most models.

The Angus monitor range includes bronze models up to 8,500 l/min and stainless steel models up to 50,000 l/min.

Options

Most models are available with lever or gearbox control, automatic oscillation or with hydraulic or electric remote control. All are suitable for use where explosive atmospheres may be present.

Angus Fire is assessed to ISO 9001.

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