Technical Data Sheet

LTN1900 – SI Self-inducing Nozzle

Features

- Exceptional operational reliability
- Long life and maintenance free
- Proven performance when used with Angus Fire F3 concentrates

The LTN1900 – SI is a self-inducing, non-aspirating firefighting nozzle designed for rapid and efficient foam deployment.

When paired with Angus Fire's fluorine-free foams, such as Respondol ATF or JetFoam, the nozzle delivers an effective fire-suppressing foam blanket in various fire scenarios. Its non-aspirating design ensures compact application, making it especially effective in confined or wind-affected areas. The LTN1900 – SI nozzle can be fitted to the Angus Fire Streamline HM-80 and OM-80 monitors to provide a simple foam station.

To further enhance the quality of the fire-suppressing foam blanket we recommend using best practice application techniques as explained in the video below:

For the 'Handline Techniques' video, scan the QR Code here:

For additional information please contact Angus Fire.

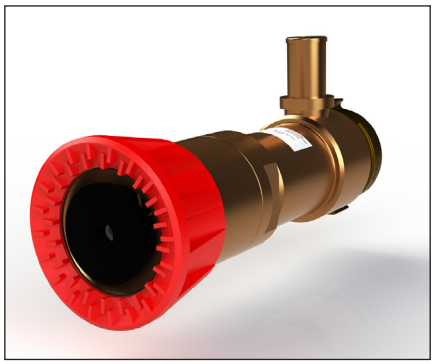
Features

- Can be used for fluorine free foam and water applications.
- Self-inducing design with 2.75 m (9 ft) foam pick-up tube calibrated for 6.9 bar g.
- By installing the nozzle on your existing fixed or portable monitor, the result is an instant foam station.
- Factory pre-set for 1%, 3% or 6% proportioning.
- Rugged corrosion resistant gunmetal construction.

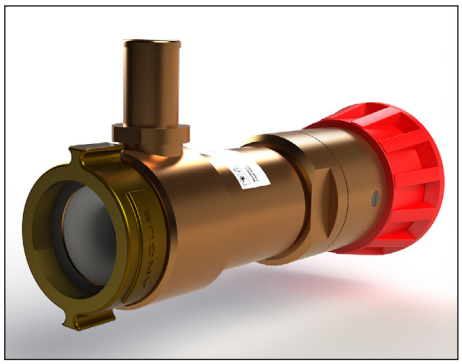
Angus Fire F3 Concentrates

With appropriate mixing and application techniques, our latest Fluorine Free (SFFF and AR-SFFF) foam solutions may be applied through these semi-aspirated and conventional discharge devices to produce an effective fire-suppressing foam blanket.

Despite this, we recommend using aspirating foam application devices to achieve the best results.



LTN1900 - SI Nozzle



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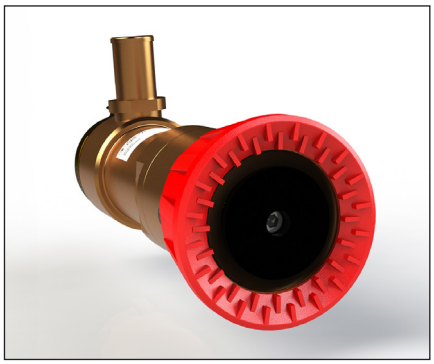

LTN1900 - SI Nozzle

Nominal dimensions

LTN1900 - SI Option	Inlet Threads	Flow (litres/min)	Approx. Nett Weight
1%, 3% or 6%	2½" BSP (F) Swivel	1900	16kg

Typical Performance Data

Nozzle Pressure (bar g)	Flow rate (litres/min)	Maximum Discharge Range (m) (typical)			
		Horizontal		Vertical	
		Fog	Jet	Fog	Jet
6.9 (100 psi)	1900	7	33	5.75	11

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