

F3 FOAM NOZZLE

The F3 foam nozzle is designed for local application cooling and extinguishing, especially when using fluorine free foam premix. Due to the nozzles relatively large throw distance, it does not have to be mounted above the object. In addition, the nozzle has well-developed spray pattern, ensuring efficient cooling.



LOCAL APPLICATIONS

The F3 foam nozzle can be used for local applications, such as truck transfer stations. There are several fire scenarios to be considered for these applications. Truck transfer stations are used to load and unload (flammable) liquids with a risk of leakage. Additionally, these stations are usually located near storage tanks and pumping installations for these liquids, so there is a risk of a fire starting.

If a fire occurs in the vicinity of the loading station an effective cooling system is required to cool the trucks. In the event of a fire in the loading station itself it is necessary to extinguish this liquid fire with foam.

FLUORINE-FREE EXTINGUISHING FOAM

When using fluorine-free extinguishing foam concentrates, the expansion rate is very important. It is generally assumed that an expansion factor of at least 4 is required to be able to extinguish effectively. This means that 1 liter of water-foam mixture should become 4 liters of expanded foam.



WE KNOW FIRE
WE KNOW SAFETY
WE KNOW YOU

Saval is al sinds 1925 een begrip in brandbeveiliging. Elk brandrisico vraagt om een vakkundige beoordeling van de situatie. Keuze van het juiste type detectie en blussing en de plaatsbepaling zijn daarbij van cruciaal belang. Bij Saval krijg je een gedegen advies.

Tevens hebben wij een langdurige ervaring en grote know-how om deze systemen te kunnen ontwerpen, bouwen en onderhouden. De kleine kans dat we voor een nieuw probleem komen te staan stelt ons in staat de beste oplossing voor je te zoeken. Van tekening tot aan installatie weten wij waar jouw situatie om vraagt.

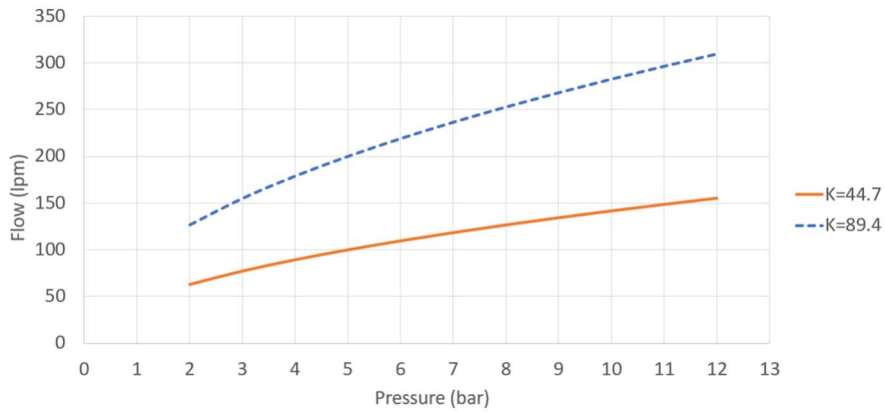
Saval B.V.
Huifakkerstraat 22 | 4815 PN Breda
Postbus 3499 | 4800 DL Breda

verkoop **t** (076) 548 70 00
service **t** (076) 548 72 61
f (076) 541 79 22
systems@saval.nl

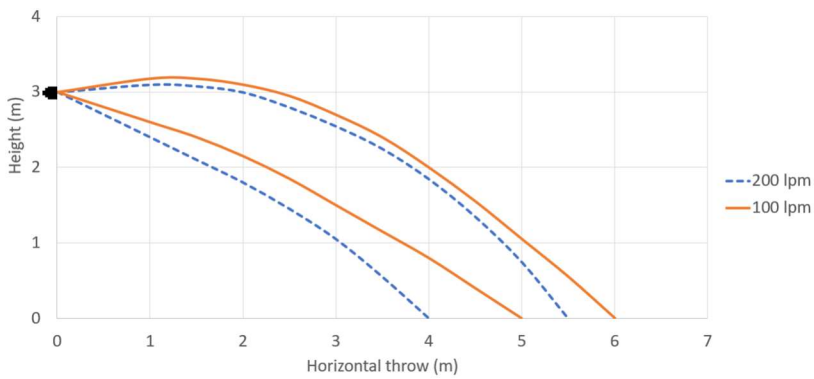
saval.nl



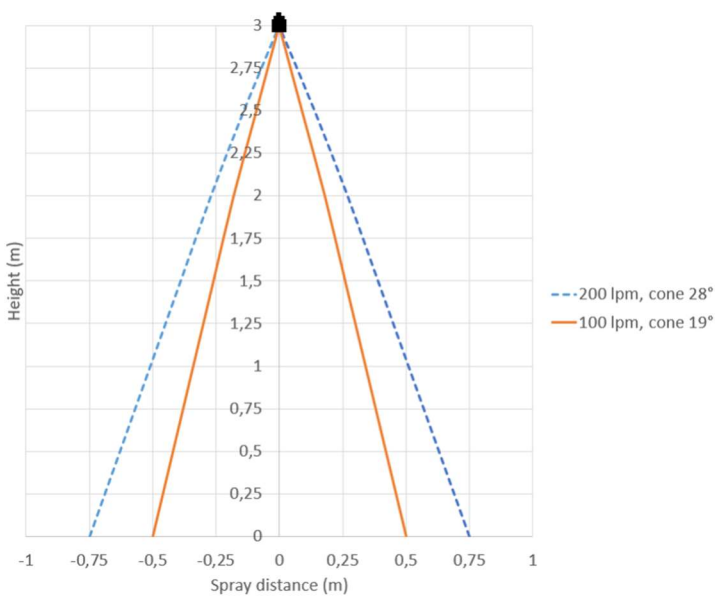
DISCHARGE CHARACTERISTICS



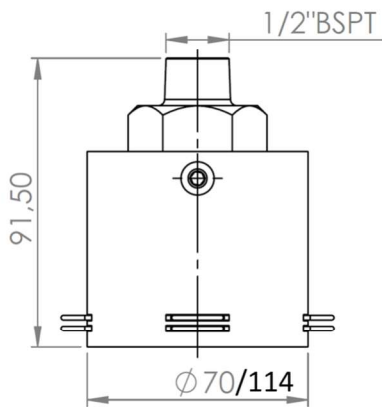
HORIZONTAL THROW 100 AND 200 LPM NOZZLE @ 5 BAR



VERTICAL SPRAY 100 AND 200 LPM NOZZLE @ 5 BAR



NOZZLE DIMENSIONS



PRODUCT INFORMATION

Product name	F3 Foam nozzle	
Item number	9454.032	9454.035
Connection	½" <u>Bspt</u> male	½" <u>Bspt</u> male
Diameter	70 mm	70 mm
Water type	Fresh water	Fresh water
Overall height	92 mm	92 mm
Mass	0,5 kg	0,5 kg
Materials	Brass / Stainless steel	Brass / Stainless steel
Min. Working pressure (bar)	2	2
Max. Working pressure (bar)	12	12
Discharge (lpm) @ 5bar	200	100
"K" factor @ 5bar	89.4	44.7
Expansion rate Approx 7:1	Approx 7:1 (@ min 2 bar pressure) Note: results may vary depending on the type of F3 foam concentrate	