

POLY SKID EXTINGUISHING SYSTEM SL100-300

For universal use



Description

If a compact design and a high extinguishing agent capacity is needed, then the universally deployable CAFS extinguishing system is the ideal extinguishing system. In practical use, the POLY SKID EXTINGUISHING SYSTEM SL100-300 impresses above all through its powerful CAFS firefighting equipment as well as its unique functionality and, in combination with numerous available options, it can also be customized for your operation-specific requirements.

Benefits

Independent system

- works entirely independent from external energy sources and technical systems and is therefore always reliably and permanently ready for action

User-friendly start-up

- easy and fast start-up by turning the compressed air bottle valve and actuating the CAFS nozzle

Wide range of applications

- suitable for direct fire fighting of solid and liquid fires as well as for preventative protection of objects at risk of fire

Easy to use

- simple extinguishing procedure that saves extinguishing agent due to the CAF sticking to the flammable object and evaporating on the hot surface

Large action radius

- large safety distance between the user and the flammable object as well as fighting of fires in inaccessible areas

Excellent extinguishing performance

- rapid extinguishing success as well as excellent burnback safety thanks to the thorough and highly efficient mode of action of the CAFS
- minimal fire damage through immediate suppression of flames as well as low water damage through complete evaporation of the water bound in the CAF foam
- large extinguishing agent capacity with equal water volume due to active foam expansion

One-off maintenance

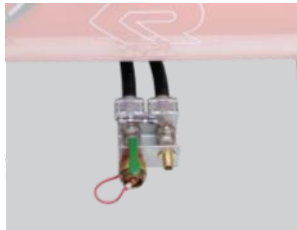
- can be operated with environmentally-friendly, fluorine-free foam compounds due to the separate foam compound cartridge
- especially easy to repair by separate filling of the extinguishing agent tank as well as the separate foam compound cartridge without having to account for mixing ratios
- extremely low maintenance costs due to the separate foam compound cartridge, which allows for longer extinguishing agent intervals compared to ready-to-use water-foam compound mixtures

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Supply (optional)



Vehicle mounting (optional)



In emergency vehicle



In mobile use

Technical data

Model	SL100	SL200	SL300
Nominal fill quantity	100 l (26,4 gal)	200 l (52,8 gal)	300 l (79,3 gal)
Operational duration	approx. 272 s	approx. 545 s	approx. 818 s
Weight	<ul style="list-style-type: none"> ▪ filled = approx. 140 kg (308,7 lbs) ▪ unfilled = approx. 40 kg (88,2 lbs) 	<ul style="list-style-type: none"> ▪ filled = approx. 259 kg (571,0 lbs) ▪ unfilled = approx. 59 kg (130,1 lbs) 	<ul style="list-style-type: none"> ▪ filled = approx. 412 kg (908,3 lbs) ▪ unfilled = approx. 112 kg (246,9 lbs)
Dimensions (L x W x H)	approx. 620 x 1.632 x 698 mm (24,4 x 64,3 x 27,5 inch)	approx. 620 x 1.878 x 792 mm (24,4 x 73,9 x 31,2 inch)	approx. 670 x 1.954 x 916 mm (26,4 x 76,9 x 36,1 inch)
Foam proportioning	continuous at approx. 1 %		
Expansion ratio ²	approx. 8 for wet CAF foam		
Flow rate	approx. 22 l/min (5,8 gal/min) at 7 bar (101,5 psi)		
Compressed air bottle	6 l / 300 bar (1,6 gal / 4.351,1 psi)	20 l / 200 bar (5,3 gal / 2.900,8 psi)	2 x 20 l / 200 bar (5,3 gal / 2.900,8 psi)
Throw range / height	approx. 16 m (52 ft) / approx. 10 m (32 ft)		
Hose	<ul style="list-style-type: none"> ▪ manual hose reel with hand crank with FORMTEX special textil hose DN 19 x 40 m (131 ft) ▪ automatic hose reel with spring return with FORMTEX special textil hose DN 19 x 40 m (131 ft) 		
Nozzle	<ul style="list-style-type: none"> ▪ CAFS nozzle RD 9 with fixed solid jet ▪ CAFS nozzle Select Flow RB 99 EN with adjustable spray jet 		
Foam compound ¹	<ul style="list-style-type: none"> ▪ STHAMEX -class A ▪ Fomtec AFFF 1% F ▪ Fomtec AB -30 NE 		
Operating temperature ²	- 20 °C (- 4 °F) bis + 50 °C (+ 122 °F)		

¹ Test was performed with these foam compounds (Use of other foam compounds is possible)

² Depending on foam compound used

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