

POLY EXTINGUISHING SYSTEM SL500-6000

for the special application



Description

The POLY EXTINGUISHING SYSTEM SL500-6000 is the perfect extinguishing system when a high extinguishing agent capacity is required. In practical use, it primarily impresses through its high extinguishing efficiency as well as through its sustained availability during operations. And in combination with the numerous options available, it can also be customized to your specific requirements.

Benefits

Highly efficient CAFS firefighting equipment

- rapid extinguishing as well as excellent burn-back safety thanks to the powerful and sustained cooling and suffocation effects of the CAFS foam
- multiplication of available extinguishing capacity through active foam expansion via compressed air
- targeted, precise extinguishing process using the CAFS foam as an indicator for hot spots
- good visibility thanks to minimal build-up of water vapour from the CAFS foam during flame penetration
- minimal extinguishing agent and fire damage thanks to low water consumption and short extinguishing time

Large and safe action radius

- high degree of mobility during extinguishing thanks to a up to 80 m (262 ft) stable, non-kink and super lightweight FORMTEX special textile hose
- largest possible distance to the seat of the fire thanks to a throw range of approx. 16 m (52 ft) and a throw height of approx. 10 m (32 ft)

Separate foam agent cartridge

- separate storage allows the use of environmentally friendly, fluorine-free foam

A wide range of application types

- direct fighting of incipient and small-sized class A and B fires
- preventive protection of objects at risk of fire through the application of CAFS foam

Easy maintenance

- restoration of operational readiness by the operator in just three steps and without any special training or tools

Various usage possibilities

- fix installed extinguishing system for emergency vehicles
- stationary fire protection for public or commercial buildings, facilities or areals

User-friendly operation

- activation possible in just four steps by users without previous knowledge in maximum 5 seconds

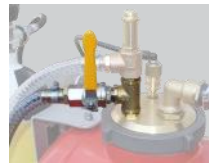
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Control panel without
electrical filling level indication



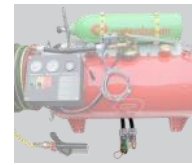
Control panel with
electrical filling level indication



Decompression
via a relief line



Decompression
via the fire hose



Quick tank filling



Quick tank filling and
external water supply

Technical data

Model	SL500	SL750	SL1000	SL1200
Nominal fill quantity	500 l (132,1 gal)	750 l (198,1 gal)	1.000 l (264,2 gal)	1.200 l (317,0 gal)
Compressed air cylinder	1 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)	2 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)	2 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)	2 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)

Model	SL1500	SL2000	SL3000	SL6000
Nominal fill quantity	1.500 l (396,3 gal)	2.000 l (528,4 gal)	3.000 l (792,6 gal)	6.000 l (1.585,2 gal)
Compressed air cylinder	3 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)	3 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)	5 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)	10 x 50 l / 300 bar (13,2 gal / 4.351,1 psi)

Foam proportioning	continuous at approx. 1 %
Expansion ratio ²	approx. 8 for wet CAFS foam
Flow rate	<ul style="list-style-type: none"> ▪ approx. 35 l/min (9,3 gal/min) at 7 bar (101,5 psi) (MK35) ▪ approx. 100 l/min (26,4 gal/min) at 9 bar (130,5 psi) (MK100) ▪ approx. 200 l/min (52,8 gal/min) at 9 bar (130,5 psi) (MK200) ▪ approx. 300 l/min (79,3 gal/min) at 9 bar (130,5 psi) (MK300) ▪ approx. 300 l/min (FLASH CAFS AR 30) ▪ approx. 600 l/min (FLASH CAFS AR 30)
Hose	<ul style="list-style-type: none"> ▪ manual or electrical Rosenbauer hose reel with FORMTEX special textil hose DN 25 x 50 m (164 ft) ▪ manual or electrical Rosenbauer hose reel with FORMTEX special textil hose DN 19 x 80 m (262 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

Contact

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