

AFFF-Extinguishing Systems

SL 300 AFFF, SL 380 AFFF, SL 500 AFFF

The SL300 AFFF is the preferred choice for tunnel and motorway rapid intervention vehicles - and rightly so. Their considerable ranges and enormous extinguishing power, not to mention the possibility of external charging using Kyros valves and Firedos admixers, enable fire brigades to start up effective external fire-fighting operations quickly and to sustain those operations using supplies either from hydrants or pump water tenders. Due to weight and space restrictions it has proved necessary to offer variable tank sizes on larger installations. Tank sizes can now be designed between 380 and 500 l, for a customised offer.

Areas of Application

The first crew on the scene is usually fighting against the clock to prevent an even worse situation from developing; it does so by acting quickly. Poly extinguishing installations with 300 to 500 l tank sizes are used to extinguish vehicle fires, initial fires in buildings and on industrial premises, reliably. More and more frequently these installations are also used as a cost-effective and compact alternative to pump vehicles.



Scope of delivery

Poly AFFF foam extinguishing installations are usually supplied ready for action and unfilled. All that needs to be done on the SL300 and SL380-500 is to mount the hose reel in an appropriate location, fill the tank with 3% AFFF and 97% water, and fill the compressed-air cylinder with inhaled air compressed at 200 bar.

Special steel extinguishing-agent tank, with safety device, RAL 3000 varnish

20 l compressed-air cylinder (inhaled air), filling pressure 200 bar (1 on the SL300, 2 on the SL380-500)

Instrumentation box with electronic level indicator (12/24 V). The instrumentation box, compressed-air cylinder(s), tank and hose reel can be assembled on the vehicle in any order required.

SL 300 AFFF, SL 380/500 AFFF

Technical Data

Type:	SL 300 AFFF	SL 380/500 AFFF
Order number:	03000	03800-05000
Tank content:	300 l	380-500 l
Max. flow rates:	115 l/min	115 l/min Poly-Unifire 115-230 l/min nozzle
Max. range of jet:	24-30 m depending on hose	24-30 m depending on hose
Hose:	30m 25mm inside 60m 25mm inside (optional)	30m 25mm inside 60m 25mm inside (optional)
Type of hose reel:	SSH 30/25, KSH 60/25	SSH 30/25, KSH 60/25
Reel: width & : (KSH: LxWxH in mm)	SSH 30/25: 550mm / 600mm KSH 60/25: 865 x 625 x 550	SSH 30/25: 550mm / 600mm KSH 60/25: 865 x 625 x 550
LxWxH without reel:	1160 x 640 x 830 mm	max. 1250 x 800 x 990 mm
Weight filled:	520 kg	max. 820 kg
Operating pressure:	12 bar	12-13 bar
Cylinder pressure:	200 bar (300 bar optional)	200 bar (300 bar optional)
Power supply:	6-30V level indicator 230 V tank heating (option)	6-30V level indicator 230 V tank heating (option)

Options

AFFF agent 20 l box	03010	05010
Electronic tank heating	03020	05020
Hose reel KSH 60/25	03030 manually operated 03031 automatically operated	05030 manually operated 05031 automatically operated
Double reel mode (2 x SSH 30/25)	03032	05032
Spare cylinder	03040	05040
Cylinder bearing if not mounted on tank	03041	05041
Kyros valve for external infeed	03050	05050
Firedos FD130/0,6-6 APP16	03060 various types optional	05060 various types optional