

# SKY CAFS

For high-rise fires



## Description

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If you need to discharge extinguishing agent several hundred meters in the air for a high-rise fire while still maintaining full fire fighting performance, then the SKY CAFS specially designed for discharge at height with the powerful CAFS firefighting equipment is the optimum extinguishing system for your fire fighting vehicle.

## Benefits

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### Customized solution

- use of any built-in pump as well as the powerful DIGIMATIC direct injection foam proportioning system
- individual selection from a large range of the most varied of systems for compressed air generation

### User-friendly operation

- user-friendly operation via LCS as well as quick and easy starting of CAFS operation by actuating three buttons

### Wide range of applications

- suitable for direct fire fighting of solid and liquid fire as well as 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 still hot surface

### Large action radius

- excellent discharge distance and height due to the hoses filled with CAF foam
- large safety distance between operator and flammable object as well as fire fighting of fire in inaccessible places
- highest mobility for the nozzle operator due to the hoses being filled with CAF foam, making them especially light

### Excellent extinguishing performance

- fast extinguishing result as well as excellent burn-back safety through extensive and highly efficient effect of the CAF foam
- minimum fire damage through immediate suppression of the flames as well as low water damage through complete evaporation of the water bound in the CAF foam
- better extinguishing agent capacity for same volume of water due to active foam expansion

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Powerful SKY CAFS extinguishing firefighting equipment



Simple and safe operation

## Technical data - Compressed air foam system

<b>Discharge height</b>	max. 400 m (1.312,3 ft)
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## Technical data - Compressed air supply

	<b>belt driven</b>	<b>hydraulic driven</b>	<b>electric driven</b>
<b>Compressor drive</b>	belt driven	hydraulic driven	electric driven
<b>Screw compressor</b>	Rotorcomp EVO6-NK	Rotorcomp EVO6-NK	Rotorcomp EVO6-NK-G
<b>Performance</b>	approx. 24 kW	approx. 27 kW	approx. 21 kW
<b>Revolutions</b>	approx. 4.000 rpm	approx. 4.500 rpm	approx. 3.400 rpm
<b>Air quantity</b>	approx. 3.100 l/min at 11 bar (818,9 gal/min at 159,5 psi)	approx. 3.700 l/min at 11 bar (977,4 gal/min at 159,5 psi)	approx. 2.800 l/min at 11 bar (739,7 gal/min at 159,5 psi)
<b>Lubrication</b>	oil		
<b>Cooling</b>	oil / water - plate heat exchanger		

## Technical data - Tubing

<b>Proportioning chamber</b>	1 x self-regulating MK130 with SKY CAFS pressure outlet 2½"
<b>Flow rate <sup>1</sup></b>	1 x 30 - 130 l/min (7,9 - 34,3 gal/min)
<b>Operating pressure</b>	11 bar (159,5 psi)

<sup>1</sup> Depending on the discharge height

## Contact

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