

FLASH CAFS AR 30-400

For turret operations



Description

If very large amounts of foam have to be discharged within the shortest period of time via a turret and a large area must be covered in the process, then the FLASH CAFS AR 30-400 with the powerful CAFS fire fighting equipment specially designed for turret use and the most varied of turrets by Rosenbauer is the optimum system for your fire fighting vehicle.

Benefits

Customized solution

- use of any built-in pump as well as foam premixing or direct injection foam proportioning system

User-friendly operation

- user-friendly operation via LCS as well as quick and easy starting of CAFS operation

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

- up to approx. 20 % larger throw ranges and heights than with conventional compressed air foam processes
- excellent throw range even with monitor adjustment angle of up to approx. 10°
- higher accuracy and better visual conditions than with conventional compressed air foam processes

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

User-friendly maintenance

- user-friendly commissioning by filling the compressed air bottles via the external filling connector

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Powerful CAFS extinguishing firefighting equipment



Simple and safe operation

Technical data

Model	FLASH CAFS AR 30	FLASH CAFS AR 50	FLASH CAFS AR 100
Turret	RM8	RM15	RM24 / RM25
Compressed air bottle ¹	quantity x 50 l / 300 bar (13,2 gal / 4351,1 psi)		
Flow rate (CAFS mode)	approx. 750 l/min (198,1 gal/min)	approx. 1.250 l/min (330,2 gal/min)	approx. 2.500 l/min (660,4 gal/min)
Flow rate (Water mode)	approx. 900 l/min (237,8 gal/min)	approx. 1.500 l/min (396,3 gal/min)	approx. 3.000 l/min (792,5 gal/min)
Expansion ratio ²	approx. 8		
CAFS foam quantity	approx. 6.000 l/min (1.585,0 gal/min)	approx. 10.000 l/min (2.641,7 gal/min)	approx. 20.000 l/min (5.283,5 gal/min)

Model	FLASH CAFS AR 250	FLASH CAFS AR 400
Turret	RM35 / RM60	RM80
Compressed air bottle ¹	quantity x 50 l / 300 bar (13,2 gal / 4351,1 psi)	
Flow rate (CAFS mode)	approx. 6.000 l/min (1.585,0 gal/min)	approx. 7.500 l/min (1.981,3 gal/min)
Flow rate (Water mode)	approx. 7.200 l/min (1.902,1 gal/min)	approx. 9.000 l/min (2.377,6 gal/min)
Expansion ratio ²	approx. 8	
CAFS foam quantity	approx. 48.000 l/min (12.680,3 gal/min)	approx. 60.000 l/min (15.850,4 gal/min)

¹ Approx. 3,000 l of water-foam compound mixture can be produced per 50 l / 300 bar compressed air bottle

² Depending on foam compound used and proportioning rate set

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