

RFC POLY Trolley

Mobile CAFS fire extinguisher



Description

The RFC POLY Trolley can be used both in fire engines and for stationary fire protection. The mobile CAFS fire extinguisher is fully suitable for operation while wearing gloves and, thanks to the two robust, large-sized wheels and the ergonomic handle, can be easily transported, even over longer distances.

Benefits

Energy-independent extinguishing system

- immediately ready for use upon opening the compressed air cylinder valve and activating the jet pipe
- extremely maintenance-friendly and reliable due to the absence of electrical systems and mechanical drives
- no noise or exhaust emissions during operation

First-class extinguishing performance

- excellent extinguishing effect through maximum cooling, effective displacement of oxygen, and thorough penetration of the burning object
- high degree of protection against burn-back due to interruption of the oxygen supply and continuous cooling
- preventive protection against flying sparks and heat for property endangered by fire

Excellent throw range

- large safety distance from the source of fire
- makes the fighting of fires in inaccessible places and at heights easier

Visible extinguishing success

- white compressed air foam with strong adherence properties is visible to the jet pipe operator
- the evaporation of compressed air foam acts as an indicator of surfaces that are still too hot

Rapid refilling

- easy filling of the extinguishing agent tank by means of a garden hose and the separate foam concentrate cartridge with a filling funnel via external quick-release couplings
- uncomplicated measurement of foam concentrate quantities using a separate measuring cup with an individualized scale that corresponds to the amount of water

Different foam qualities

- use of conventional 0,5 %, 1 % or 3 % Class A and Class B foam concentrates and also fluorine-free foam concentrates
- wet and dry compressed air foam

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Accessories



Firefighting lance for fighting glow nests



Drilling machine pump



Dirt and weather protection hood

Technical data

Standard	according to EN 1866-1
Fill quantity	approx. 55 l
Dimensions ¹	W x D x H = approx. 506 x 563 x 1.122 mm
Weight ¹	<ul style="list-style-type: none"> ▪ filled = approx. 107 kg ▪ unfilled = approx. 52 kg
Foam proportioning	generation of a premix solution with 0,5 %, 1 % or 3 % foam concentrate when the compressed air bottle is activated
Foam quality ²	<ul style="list-style-type: none"> ▪ wet compressed air foam ▪ dry compressed air foam
Flow rate	<ul style="list-style-type: none"> ▪ approx. 38 l/min at 9 bar (wet compressed air foam) ▪ approx. 31 l/min at 9 bar (dry compressed air foam)
Working duration	<ul style="list-style-type: none"> ▪ approx. 87 s (wet compressed air foam) ▪ approx. 107 s (dry compressed air foam)
Compressed air bottle	6 l / 300 bar
Throw range / Throw height ³	approx. 16 m / 10 m
Hose	special textile hose DN 19 x 20 m
Nozzle	nozzle with fixed full jet
Foam concentrate ⁴	<ul style="list-style-type: none"> ▪ STHAMEX[®]-Performance 1% F-10 (foam concentrate) ▪ Fomtec AFFF 1% F (foam concentrate) ▪ MOUSSEAL[®]-CF F-30 (finished foam solution)
Operating temperature	<ul style="list-style-type: none"> ▪ + 5 °C to + 50 °C (foam concentrate) ▪ - 20 °C to + 50 °C (finished foam solution)

¹ complete and operative fire extinguisher

² expansion ratio depends on foam concentrate used

³ throw range and throw height are almost identical for wet and dry compressed air foam

⁴ fire tests were performed with these foam concentrates (use of other foam concentrates is possible)

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