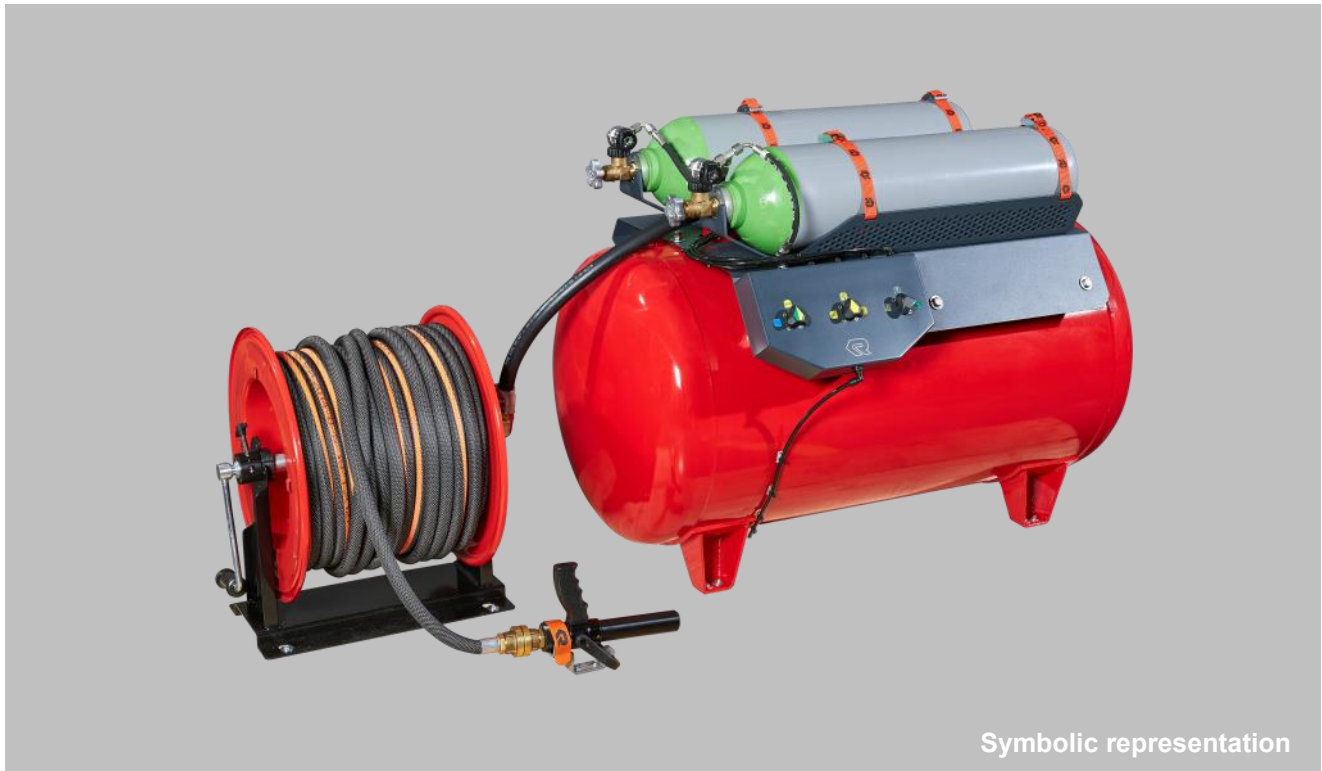


# RFC POLY Skid (300 liter)

## Fire extinguishing system for universal use



### Description

The RFC POLY Skid is part of a complete series, which is available in various variants and can be deployed in a variety of ways. The module can be placed on mobile equipment carriers, mounted on pull-outs and can be permanently installed in vehicles. This makes it ideal for both stationary fire protection and integration into fire engines.

### 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 % or 1 % Class A and Class B foam concentrates and also fluorine-free foam concentrates
- water, water foam solution, wet compressed air foam or dry compressed air foam

# RFC POLY Skid (300 liter)

## Fire extinguishing system for universal use



### Technical data

<b>Fill quantity</b>	approx. 300 l
<b>Dimensions</b> <sup>1</sup>	W x D x H = approx. 1.962 x 718 x 900 mm
<b>Weight</b> <sup>1</sup>	<ul style="list-style-type: none"> <li>▪ filled = approx. 514 kg</li> <li>▪ unfilled = approx. 214 kg</li> </ul>
<b>Foam proportioning</b>	generation of a premix solution with 0,5 % or 1 % foam concentrate when the compressed air bottle is activated
<b>Extinguishing agent Foam quality</b> <sup>2</sup>	<ul style="list-style-type: none"> <li>▪ water</li> <li>▪ water foam solution</li> <li>▪ wet compressed air foam</li> <li>▪ dry compressed air foam</li> </ul>
<b>Flow rate</b>	<ul style="list-style-type: none"> <li>▪ approx. 78 l/min at 9 bar (water and water foam solution)</li> <li>▪ approx. 38 l/min at 9 bar (wet compressed air foam)</li> <li>▪ approx. 31 l/min at 9 bar (dry compressed air foam)</li> </ul>
<b>Working duration</b>	<ul style="list-style-type: none"> <li>▪ approx. 231 s (water and water foam solution)</li> <li>▪ approx. 474 s (wet compressed air foam)</li> <li>▪ approx. 581 s (dry compressed air foam)</li> </ul>
<b>Compressed air bottle</b>	2 x 20 l / 200 bar
<b>Throw range / Throw height</b> <sup>3</sup>	approx. 16 m / 10 m
<b>Hose</b>	<ul style="list-style-type: none"> <li>▪ manual hose reel with hand crank and special textile hose DN 19 x 40 m</li> <li>▪ automatic hose reel with spring return and special textile hose DN 19 x 40 m</li> <li>▪ electric Rosenbauer hose reel with special textile hose DN 19 x 80 m</li> </ul>
<b>Nozzle</b>	<ul style="list-style-type: none"> <li>▪ nozzle with fixed full jet</li> <li>▪ fog nozzle SELECT FLOW RB 99 EN</li> </ul>
<b>Design</b>	<ul style="list-style-type: none"> <li>▪ compact design</li> <li>▪ vehicle mounting</li> </ul>
<b>Foam concentrate</b> <sup>4</sup>	<ul style="list-style-type: none"> <li>▪ STHAMEX®-Performance 1% F-10 (foam concentrate)</li> <li>▪ Fomtec AFFF 1% F (foam concentrate)</li> <li>▪ MOUSSEAL®-CF F-30 (finished foam solution)</li> </ul>
<b>Operating temperature</b>	<ul style="list-style-type: none"> <li>▪ + 5 °C to + 50 °C (foam concentrate)</li> <li>▪ - 20 °C to + 50 °C (finished foam solution)</li> </ul>

<sup>1</sup> complete and operative fire extinguisher with manual hose reel and nozzle with fixed full jet

<sup>2</sup> expansion ratio depends on foam concentrate used

<sup>3</sup> throw range and throw height are almost identical for wet and dry compressed air foam

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

### Contact

Rosenbauer International AG  
 Paschinger Straße 90  
 4060 Leonding, Austria  
 Tel.: +43 732 6794-0  
 Fax: +43 732 6794-91

[www.rosenbauer.com](http://www.rosenbauer.com)

Follow us on      