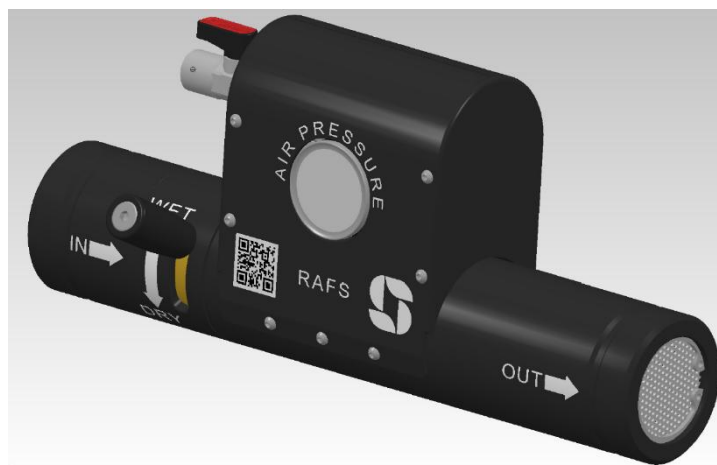




RAFS 2.0

Rossi Air Foam System

Order Number: 10.0503.002



The RAFS 2.0 is a variable flow CAFS foam generator, designed to offer a simple, versatile and reliable system, without electronics and without the need for specialized maintenance.

Compact and lightweight, it uses the compressed air already present on firefighting vehicles or fixed systems, avoiding the use of engines or complex systems.

Thanks to the manual adjustment lever, the system allows you to modulate the flow rate of the foaming mixture, varying the air/liquid ratio to obtain customizable foam: dry, intermediate or wet.

OPERATION

The RAFS Ejection System allows the production of CAFS foam through different types of mixers, from classic Venturi to mechanical, fluid dynamic or electronic models.

The ideal water flow rate is between 180 and 280 lt/min of foaming mixture. Density and consistency vary based on:

1. Amount of air introduced into the system
2. Set water flow rate
3. Manual density adjustment control by means of a special lever

The device is connected downstream of any foam dispenser, requiring only one point of compressed air with a minimum pressure of 6 bar.

SAFETY

Automatic overpressure valves: protect the line from excess pressure.

Non-return valves: prevent mixing of different fluids within the circuits.



10 ANTINCENDIO



SPECIFICATIONS

Hydraulic connection	UNI45 (input and output)
Compressed air connection	Industry standard quick coupling
Integrated pressure gauge	for checking air pressure
Maximum water pressure	16 bar
Maximum air pressure	16 bar
Ideal water pressure	~250 L/min @ 6 bar (foaming mixture)
Ideal pneumatic flow rate	~400-800 L/min @ 6 bar (aria compressa)
Foam type	Adjustable from dry to wet



(1)



(2)



(3)



(4)

RAFS KIT included in the scope of delivery:

- RAFS device - **code 10.0503.002**
- 1. Fittings on request
- 5 m compressed air hose
- Pneumatic fittings kit
- Transport bag - **code 80.0107.054**

Accessories extra price

- (1) RAFS lance with 3 interchangeable nozzles **code 10.0302.063**
- (2) Lancia TFT 2" smoothbore - **cod. 10.0302.056**
- (3) Lancia Advance version (with Vortex effect) - **code 10.0302.025**
- (4) n.2 Interchangeable nozzles: Ø 19 mm code 10.0307.015 and Ø 22 mm **code 10.0307.047**

COMPATIBILITY

The RAFS system is compatible with any fire lance for dispensing, but for optimal performance we recommend the use of smoothbore lances and CAFS-specific foaming machines

**R.A.F.S. is a patented system sold exclusively by
SAFCO ITALIA S.r.l.**