

POLY CAFS TWIN AGENT

Dual Agent Extinguishing System



Firefighting system for offshore, industrial and special applications

The POLY CAFS TWIN AGENT is a highly effective, semi-stationary dual agent fire-fighting system combining powder and CAFS (compressed air foam). The use of high-quality materials, its self-sufficient operation and great throw ranges make it the perfect fire protection system for helidecks and industrial applications especially under rough weather conditions. The POLY CAFS TWIN AGENT is DNV certified and requires only very low maintenance efforts.

Benefits

Extra-large radius of action

- 30 m (98 ft) ultra-light, stable fabric hose
- Throw ranges up to 25 m (82 ft)
- Effective coverage area: approx. 7,000 m² (75,347 ft²)

Excellent corrosion resilience

- Stainless steel containers, lines, and frame

Intuitive, safe operation

- All control elements on a single panel
- Central maintenance unit
- Easy to refill
- Ergonomic dual-agent nozzle
- Continuously settable from full to spray jet

Easy to install

- Completely energy-autonomous system
- Lifiable by crane and fork lift

CAFS

- Consistently stable foam quality
- Foam sticks to hot surfaces - also vertically
- Rapid smothering of the flames through oxygen deprivation
- Deep penetration into the burning material by reducing the surface tension of the water
- Increased burn-back safety and sustainable cooling through compact CAFS foam structure
- Low application rates for efficient fire fighting and limiting water damage
- Extensive extinguishing agent quantity through active foam expansion to CAFS

Areas of application

- Helicopter landing decks
- Offshore (oil and gas rigs, platforms, ships)
- Oil and gas wells
- Industrial plants
- Plastic, rubber, liquid, and gas fires

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POLY CAFS TWIN AGENT SL1000/P1000

System Configuration

Type	SL300 / P100	SL300 / P250	SL500 / P100	SL500 / P250	SL1000 / P300	SL1000 / P1000
Premix tank capacity	300 l (80 gal)		500 l (130 gal)		1,000 l (265 gal)	1,000 l (265 gal)
Powder tank capacity	100 kg (220 lbs)	250 kg (550 lbs)	100 kg (220 lbs)	250 kg (550 lbs)	300 kg (660 lbs)	1,000 kg (2,200 lbs)
Weight (filled)	~ 1,400 kg (3,086 lbs)	~ 1,570 kg (3,461 lbs)	~ 1,600 kg (3,527 lbs)	~ 1,800 kg (8,895 lbs)	~ 3,800 kg (8,380 lbs)	~ 6,460 kg (14,240 lbs)
Dimensions [L x W x H]	~ 2.280 x 1.300 x 1.570 mm (89.7 x 51.1 x 61.8 in)				2,419 x 1,630 x 1,861 mm (95.2 x 64.2 x 73.3 in)	6,058 x 2,438 x 2,591 mm (20 x 8 x 8.5 ft)
Frame	Tailor-made stainless steel frame					ISO standard sea freight container
CAFS output	~ 150 l/min (40 gpm)					up to 230 l/min (60 gpm)
Powder output	~ 2 kg/s (4.5 lbs/s)					up to 2.5 kg/s (5.5 lbs/s)
CAFS throw range	~ 20 m (65.5 ft)					up to 25 m (80 ft)
Powder throw range	~ 15 m (50 ft)					up to 15 m (50 ft)
Hose Length	30 m (98 ft)				20 m (65.6 ft)	30 m (98 ft)
Extinguishing agent	AFFF & powder					
Working pressure	CAFS / powder: ~ 9 bar (130 psi)					
Propellant (compressed air)	2 x 50 l / 300 bar (2 x 13.2 gal / 4,350 psi)				3 x 50 l / 300 bar (3 x 13.2 gal / 4,350 psi)	2 x 50 l / 300 bar 2 x 50 l / 200 bar (2 x 13.2 gal / 4,350 psi 2 x 13.2 gal / 2,900 psi)
Article number	PP002-SP01	PP002-SP02	PP002-SP03	PP002-SP04	PP002-SP06	PP002-SP05

Systems with other filling capacities are available on request. Throw ranges and output may vary according to system configuration.

Contact

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