

ROTO-FIRE-PAC®

EMERGENCY QUICK RESPONSE UNIT

**'effective on class A, B, C and F fires
with minimal collateral damage'**

TECHNICAL SPECIFICATION

Extinguishant	Water + Foaming Agent	
Foaming Agent	CLEAVOS AFFF® 1% (Aqueous Film Forming Foam) or 3F (Fluorine Free Foam)	
Propellant	Nitrogen or Air	
Available Cylinder Sizes	2 x 10.3 Lt Stainless Steel Cylinders	
Operating Pressure at 25°C	1 700 kPa	
Operating Temperature	Standard Unit	5°C to 60°C
	Sub-Zero Unit	-40°C to 60°C
Range	Stream Mode	Mist Mode
Distance	10 – 12 m	7 m
Operating Time	30 seconds	42 seconds

The ROTO-FIRE-PAC® unit incorporates *Water Mist Technology*. This technology is currently at the forefront of fire suppression innovations internationally, extinguishing class A, B, C and F fires by utilising a foam or other pre-approved suppression agent. The unit creates a fine atomized mist, charged with kinetic energy to penetrate the seat of a fire and eliminate heat radiation. The ROTO-FIRE-PAC® ensures gradual cooling without causing thermal shock to equipment and assets, thereby limiting damage.

Applus⁺



IN ACCORDANCE
WITH



TESTED BY

SABBS

ROTO-FIRE-PAC® IS AN EFFECTIVE QUICK RESPONSE UNIT



UNIQUE FEATURES, EASY TO USE AND EFFECTIVE ON CLASS A, B, C AND F FIRES

THE UNIQUE SUPPRESSION CAPABILITIES OF THE ROTO-FIRE-PAC®

- ❏ Flammable solid substances (e.g. paper and wood).
- ❏ Plastics (e.g. polystyrene and polypropylene).
- ❏ Oil fractions (e.g. diesel, heptane, HFO, mazut).
- ❏ Rubber (e.g. conveyor belts and tyres)
- ❏ Polar liquids (e.g. ethanol, methanol and alcohol).
- ❏ Edible oil (e.g. cooking oil).

EFFECTIVE & SUSTAINABLE

- ❏ Dual functions on the nozzle allow for either jet or mist modes.
- ❏ Increased safety compared to traditional firefighting technologies.
- ❏ Mist mode creates a "halo" that protects firefighters from radiated heat.
- ❏ Jet mode allows the user to suppress fires from a safe distance.
- ❏ Sustainable technology, safe for people, property and the environment.
- ❏ Compact, mobile and user friendly.
- ❏ Simple and affordable to refill.

The ROTO-FIRE-PAC® unit was tested according to UL711 guidelines and are proven safe against conductivity on electrical apparatus up to 100 kV.

APPLICATIONS

- ❏ Mining Proto Teams.
- ❏ Conveyors, tyres etc.
- ❏ Fuel Storage areas.
- ❏ Underground and mining tunnels, fire rescue services, etc.
- ❏ Used in conjunction with and to compliment the I-CAT Blaze Buster® as effective quick response systems.

