

ROTO-FIRE-PAC

BACKPACK EXTINGUISHING SYSTEM

The revolutionary new Roto-Fire-Pac has unique features, is easy to use and can extinguish any type of fire!

EFFECTIVE & SUSTAINABLE

- ❖ Directional control of stream allows for fire extinguishing from any angle.
- ❖ Increased safety for operators as compared to other technologies.
- ❖ Nozzle creates a mist “halo” that protects the firefighters from radiated heat and smoke. The mist stream can be used to protect trapped victims from flames, heat and smoke.
- ❖ A totally sustainable technology: completely safe for people, property and the environment.



WATER MIST
EXTINGUISHERS

- ROTOR TECHNOLOGY

USES:

- ❖ Mining Proto Teams.
- ❖ High structures and conveyors.
- ❖ Difficult to reach places.
- ❖ Fuel storage areas.
- ❖ Underground and mining tunnels.
- ❖ Fire rescue services.



Technical Specifications

Extinguishing Agent	Foam mist (water)
Extinguishing Agent Weight	13kg
Working Medium	Nitrogen
Working Pressure	15 Bar @ 20°C
Stream / Mist Range	Up to 11 meters
Working Time	Up to 80 seconds
Working Temperature	5°C to 60°C
Storage Temperature	5°C to 60°C
Total Weight	23.5kg

Extinguish **ANY** type
of fire with minimal
collateral damage!



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EXTINGUISHING ELECTRICAL EQUIPMENT

The T-Rotor Technology extinguishes live electrical equipment with NO RISK of electrocution to firefighters.

The Mist causes no thermal shock to equipment. This means there is NO RISK of damage to ceramic or other sensitive costly components.

The T-Rotor Technology system (as apposed to other systems) can be used to protect equipment such as turbines located in large, high ceilinged hangars and halls.

ADVANTAGES:

- ❖ Creates a thermal shield that protects the firefighter .
- ❖ Compact, mobile and easy to use.
- ❖ Easy and economical to refill.
- ❖ "Green" technology and system.
- ❖ Gives the extinguishing capability of a standard 1,000 litre system.
- ❖ No special training needed to operate.

Only about 5% of water directed at the fire effectively applies to extinguishing the fire. The remaining 95% floods the surroundings, causing post-fire damages. Mist, thanks to a vast evaporation surface, depending on the dispersion degree, evaporates in the fire at 100%.

The unique extinguishing capabilities of the **Roto-Fire-Pac** is effective in extinguishing the following:

- ❖ Solid substances (extinguishing a wood stack).
- ❖ Plastics (extinguishing polystyrene PS and polypropylene PP).
- ❖ Light oil fractions (extinguishing heptane).
- ❖ Medium oil fractions (extinguishing heating oil).
- ❖ Heavy oil fractions (extinguishing mazute).
- ❖ Polar liquids (extinguishing ethanol).
- ❖ Edible oil (extinguishing rapeseed oil).

The system is safe to use on human victims who are on fire!

Safe for A B F fire classes!

