

MCEE

Pre-mixed System Type-MCSP 50



Revolutionary Firefighting Product

- Can cover all Class **A, B, E**, and **K** fire scenarios.
- Can be deployed by a **single firefighter**.
- Fire Suppression Time 1 hr -> 10 min. **6X** efficiency.
- Responding to **Lithium-Ion Battery** Fires
- **100%** Prevents re-ignition.
- PFAS-Free Declaration in Accordance with EU Regulations

Partial Application Scenarios

anti-riot



This product is specifically designed for anti-riot units, can be directly mounted on anti-riot vehicles, and rapidly extinguishes Molotov cocktails and tire barricades without requiring fire engine support.



Confined space firefighting



Traditional narrow-lane firefighting requires multiple crews for cumbersome hoses. Our 50/300 units enable single-firefighter operation at 300m range with 5-bar pressure, drastically reducing operational stress.

Boat firefighting



Traditionally, car fires required 6-8 firefighters. Our 50L model enables solo operation with superior efficiency, revolutionizing fire response effectiveness.

Vehicle fire



Traditionally, extinguishing a vehicle fire required 6-8 firefighters. Our 50L model enables a single firefighter to achieve superior efficiency, significantly enhancing operational effectiveness.

IDC fire



Traditional IDC firefighting often causes data loss. Our Model 300 enables 2 firefighters to extinguish a 100m² server fire in 10 minutes with zero water damage, ensuring data recovery.

DATA SHEET

With the well-known efficiency from MCEE, this unit is reaching already a striking tactical impact, which is already comparable with small fire engines with water tank. MCEE is using as one of the first manufacturer composite pressure vessels. By less weight, even bigger amounts of extinguishing agent can still be handled.

Item	Subject	Parameters
1.	Flow rate	approx. 23L/min (wet foam)
1.	Duration standard	2 to 5 min
1.	Throw range	9 to 15 m
1.	Tank size	50L
1.	Work pressure	≥ 6 bar
1.	Propellant gas	Compressed air
1.	Comp. air cyl.	6.8L, 200bar
1.	Temperature	0 – 50°C
1.	Hose length	20m
1.	Foam agent	Any approved foam agent
1.	Dimensions (L x W x H)	Approx. 750 X 600 X 490 mm
1.	Switch wet / dry foam (optional)	