

# FOAM MOBILE FIRE EXTINGUISHER

## GENERAL

"Protec" AFFF Foam stored pressure wheel trolley fire extinguishers are manufactured and conformed to BS EN 1866 standard under strict ISO 9001:2008 Quality Management System.

The Aqueous Film Forming Foam (AFFF) additive is a blend of perfluorinated and hydrocarbon surfactants. On A Class fires the foam enhances the cooling ability of the water base. On B class fires the foam enables the formation of an aqueous film capable of spreading on the surface of burning fuels, which prevents vapour production and seals the surface from oxygen.

AFFF will extinguish class A (carbonaceous) fires and class B (flammable liquid) fires.



## FEATURES:

- Manufacture in accordance with and tested to BS EN1866.
- CE marked in accordance with the PED.
- Safe, reliable and quality assured for long service life.
- Epoxy lined coating internally giving maximum protection against corrosion.

## SAFETY

It is recommended that all personnel should be trained in the operation of the mobile fire extinguisher for their own safety and to maximise the effectiveness of the extinguishing agent.

## APPROVAL

- LPCB, UK
- SETSCO Singapore

## TECHNICAL SPECIFICATIONS

| Model                       | PRO-50-MF                   | PRO-100-MF |
|-----------------------------|-----------------------------|------------|
| Capacity                    | 50 Litres                   | 100 Litres |
| Extinguisher Agent          | AFFF Foam                   |            |
| Type                        | Stored Pressure             |            |
| Class of Fire               | A , B                       |            |
| Fire Ratings                | IV B                        | IV B       |
| Working Temperature         | 5°C to 60°C                 |            |
| Working Pressure            | 15 bar                      |            |
| Test Pressure               | 26 bar                      |            |
| Cylinder Diameter           | 280mm                       | 380mm      |
| Overall Height              | 1100mm                      | 1240mm     |
| Width                       | 470mm                       | 590mm      |
| Length                      | 550mm                       | 670mm      |
| Empty Weight                | 27 KG                       | 50 KG      |
| Full Weight                 | 77 KG                       | 150 KG     |
| Discharge Time              | 81 sec                      | 179 sec    |
| Safe Operating Distance     | 2 to 3 metres               |            |
| Propellant                  | Nitrogen                    |            |
| Cylinder Material           | Steel                       |            |
| Extinguisher Valve          | Brass Chrome                |            |
| Paint Finish                | RAL 3000                    |            |
| Approval (EN 1866-1 : 2007) | LPCB, UK & SETSCO SINGAPORE |            |