



USER MANUAL

FIREBLOCK LITHIUM FIRE EXTINGUISHER

Model: FBLE9

9Litres FIREBLOCK LITHIUM



IMPORTANT: Please read carefully.

This user manual contains important information about the fire extinguisher's operation. If this fire extinguisher is being installed for use by others, this manual must be left with the end user.

Introduction:

This manual explains how to use your fire extinguisher, including how to activate it, aim it and safely discharge it into a fire. Make sure that you have familiarised yourself with the instructions as a fire extinguisher must be used correctly to be effective.

Only attempt to extinguish a fire if it is safe to do so. If a fire is too large to safely handle, evacuate and call the fire department.

Fireblock Lithium Fire Extinguishers must be installed, inspected and maintained in accordance with the following manual and rules in force in the country of destination.

Types / Class of Fires:

FIREBLOCK LITHIUM extinguishers are designed and tested for use on the following types/ classes of fires:

- Class A fire: solid materials, usually organic e.g. wood, paper, textiles etc.
- Fire involving Lithium-ion batteries.

Installation:

The Fire extinguisher should be installed and commissioned by a trained and competent person in accordance with local regulations.

- Install the fire extinguisher with the appropriate bracket, with the handle at the 1m above the floor.



- Use the wall bracket supplied and mount in accordance with the local regulations.
- Do not expose the fire extinguisher to direct sunlight.
- When installed in a vehicle the fire extinguisher must be held in a special bracket.
- For Marine and outdoor installation, we recommend the use of a cover or cabinet.

Operating Instructions:

1. Hold the extinguisher upright and pull the safety pin, breaking the plastic tamper seal.
2. Stand at least 1 meter or a safe distance away from the fire and aim nozzle at the base of the fire.
3. Keep the extinguisher upright, squeeze the handles together to discharge.
4. Move closer as the fire is discharged and continue to spray into the fire.
5. When the fire is extinguished move away to a safe distance.
6. Keep a watch out for re-ignition.
7. Evacuate and ventilate the area immediately after use, the fumes and smoke from any fire may be hazardous and can be deadly.
8. Personal Protective Equipment should be used whenever possible whilst fighting a fire, these include safety shoes, eye protection and breathing apparatus.
9. Recharge extinguisher immediately after use.



Service and Maintenance:

Inspection Steps

1	Remove the fire extinguisher from the bracket and check the fixing stability
2	Check the internal pressure with an independent tool
3	Check the safety seal and the safety pin
4	Remove the hose and check the correct internal passage with compressed air
5	Record the inspection activity on the maintenance tag and on the fire protection register

Maintenance steps

- Any evidence of discharge, pressure indication outside the green zone on the pressure gauge or obvious damage/ corrosion, the extinguisher should be removed for re-charging and / or expert examination.
- Refill after complete or partial discharge in accordance with manufacturer's instructions.
- All servicing and filling should be done by a trained, competent person, using only manufacturers approved products and spare parts.

Warnings:



The combustion of lithium-ion batteries releases very harmful gases and fumes. Direct exposure to high concentrations of gases emanating from the combustion of lithium-ion batteries can cause serious damage to health. Lithium-ion batteries can have unpredictable phenomenon During fire, such as explosive reactions caused by the pressure of the cells inside the battery pack. It's advisable to use appropriate safety devices. The use of fire extinguisher is recommended for professional and expert staff. The use of fire extinguisher by uninformed people can lead to lower results and cause damage to involved people.

This fire extinguisher is a pressurized container. It must not be pierced or exposed to excessive heat. On no account should any attempt be made to remove the valve when still pressurized. Improper or careless use may cause serious bodily injury or property damage.

Material Safety Data Sheet

Contact FIREBLOCK[®] for SDS Safety Data information sheet.

Product Certification:

This fire extinguisher has been fully tested and complies with the requirements of the following product standards:

BSI Kitemark: KM825588
CE0036

Further Information:

For copies of data sheets or certification please contact:

FIREBLOCK[®]

Website:

www.fireblock.co.za

Address:

352 Larsen Road, Muldersdrift, South Africa 1746

Tel:

(011) 957 5010

Email:

admin@fireblock.co.za

9L FIREBLOCK LITHIUM-ION BATTERY EXTINGUISHER DATA SHEET

PRODUCT SPECIFICATION



MODEL:	FBLE9
CAPACITY:	9 LITERS
MEDIUM:	FIREBLOCK LITHIUM GEL
FIRE RATING:	13A
DISCHARGE THROW:	3 METRES AT START OF DISCHARGE
PROPELLANT:	NITROGEN GAS
FILLED WEIGHT:	13.3kg
DISCHARGE TIME:	60 SECONDS
WORKING PRESSURE:	14 BAR @ 20°C
TEST PRESSURE:	27 BAR
OPERATING TEMPERATURE:	5°C to 60°C
CYLINDER MATERIAL:	MILD STEEL
CYLINDER FINISH:	POLYRTHYLENE
VALVE FINISH:	NICKLE PLATED BRASS
PACKING SPEC (HXWXD):	640mm x 200mm x 200mm

PRODUCT DETAILS

- | | |
|-------------------|----------------------|
| 1. VALVE | 6. HOSE |
| 2. SAFETY PIN | 7. INSTRUCTION LABEL |
| 3. TAMPER SEAL | 8. WALL BRACKET |
| 4. PRESSURE GAUGE | |
| 5. CYLINDER | |

TYPICAL RISKS



600mm - height

195mm - width



Specification subject to change without notice.

SANS 1910 - REV: 1

www.fireblock.co.za