

PRODUCT DATA SHEET & SAFETY INSTRUCTIONS

Fire Extinguisher Model: GSN001 (Powder Extinguisher 1kg GP-1z BC)

Compact powder fire extinguisher designed for safeguarding passenger cars, motorboats, and small domestic spaces. Highly effective, easy to use, and compact in size.

TECHNICAL SPECIFICATION

Technical Parameter	Value / Details
Extinguishing Agent	BC Powder
Agent Mass	1.0 kg
Propellant Gas	Internal CO2 cartridge (z)
Test Pressure	25 bar
Operating Temperature Range	-30°C to +60°C
Application	Liquid fires (B), Gas fires (C), Electrical appliances up to 1000V

Occupational Safety & Health (OSH) Instructions

- Before use, check the current validity of the technical inspection on the legalization label.
- Always position yourself with your back towards the wind during outdoor operation.
- Pull out the safety pin completely before squeezing the activation lever.
- Do not use directly on people's faces or skin due to high powder pressure.
- Keep stored upright in the dedicated vehicle mount or wall bracket.
- Protect the device against direct and prolonged exposure to solar radiation and heat sources.
- Recharge immediately after any usage, even if only a partial discharge occurred.
- Periodic technical inspections must be carried out at least once every 12 months by an authorized service provider.

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Fire Extinguisher Model: GSN010 (Powder Extinguisher 2kg GP-2x ABC)

Universal powder fire extinguisher equipped with an integrated pressure gauge. Ideal for workshops, offices, warehouses, and domestic properties.

TECHNICAL SPECIFICATION

Technical Parameter	Value / Details
Extinguishing Agent	ABC Powder
Agent Mass	2.0 kg
Propellant Gas	Constant pressure Nitrogen (N ₂ / x)
Working Pressure Indicator	Built-in Pressure Gauge (Manometer)
Test Pressure	27 bar
Operating Temperature Range	-30°C to +60°C
Application	Solid fires (A), Liquid fires (B), Gas fires (C), Live electrical equipment up to 1000V

Occupational Safety & Health (OSH) Instructions

- Verify the pressure gauge regularly - the needle must remain strictly inside the green zone.
- Ensure the safety seal and metal safety pin are fully intact before storing the unit.
- Hold the nozzle securely and aim directly at the base of the fire from a distance of at least 1 meter.
- When extinguishing live electrical systems up to 1000V, maintain a mandatory minimum distance of 1 meter.
- Store securely in dry environments to eliminate the risk of corrosion on structural components.
- Avoid mechanical impacts, dropping, or shaking the container heavily during transport.
- Refilling and maintenance tasks must be conducted solely by licensed technicians using original spare parts.
- Conduct specialized technical inspections and legalizations at minimum 12-month intervals.

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Fire Extinguisher Model: GSN002 (Carbon Dioxide CO2 Extinguisher 2kg GS-2x BC)

Specialized carbon dioxide (carbonic acid) fire extinguisher dedicated to protecting sensitive electrical equipment, IT server rooms, and medical laboratories without leaving messy residues.

TECHNICAL SPECIFICATION

Technical Parameter	Value / Details
Extinguishing Agent	Liquid Carbon Dioxide (CO2)
Agent Mass	2.0 kg
Propellant Gas	Self-pressure of the agent (x)
Test Pressure	250 bar / 315 bar
Operating Temperature Range	-20°C to +60°C
Application	Liquid fires (B), Gas fires (C), Precision electronics, Server rooms, Switchgears
Special Feature	Non-conductive, leaves zero residue after application

Occupational Safety & Health (OSH) Instructions

- **CRITICAL WARNING:** The extinguishing agent leaves the nozzle at an extreme temperature of approximately -79°C. NEVER touch the nozzle or horn during operation to prevent severe frostbite!
- Hold the extinguisher exclusively by the designated insulated handle and the lower grip area.
- Do not use in small, tight, unventilated, or confined spaces due to rapid oxygen displacement risks.
- Evacuate the area immediately after extinguishing the fire and ventilate the space thoroughly.
- Avoid placing the container in close proximity to radiators, stoves, or other strong thermal sources.
- Check the overall gross weight regularly - a loss of weight over 10% requires immediate servicing.
- Never point the discharge stream at animals or humans under any circumstances.
- Mandatory technical inspections must be performed annually by an authorized fire protection company.

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Fire Extinguisher Model: GSN003 (Liquid / Foam Extinguisher 6L GW-6x AB)

Highly efficient, ecological liquid foam fire extinguisher. Perfectly suited for public buildings, schools, offices, hotels, and places with high aesthetic standards.

TECHNICAL SPECIFICATION

Technical Parameter	Value / Details
Extinguishing Agent	Water-based foaming liquid (AB solution)
Agent Volume	6.0 liters
Propellant Gas	Constant pressure Nitrogen (N ₂ / x)
Working Pressure Indicator	Built-in Pressure Gauge (Manometer)
Test Pressure	22 bar
Operating Temperature Range	+5°C to +60°C (DO NOT FREEZE)
Application	Solid fires (A) - wood, paper, textiles; Liquid fires (B) - oils, fuels

Occupational Safety & Health (OSH) Instructions

- **CRITICAL STORAGE WARNING:** The minimum operating temperature is +5°C. Storing below this limit causes freezing, liquid expansion, and permanent device destruction.
- **WARNING ON ELECTRICITY:** Do not use to extinguish live electrical equipment unless specifically certified on the label (with explicit distance restrictions, usually min. 1 meter up to 1000V).
- The foaming agent is highly effective at blanketing burning liquids and prevents dangerous re-ignition.
- Verify monthly that the built-in manometer needle points straight into the green functional field.
- Always secure the extinguisher against falling using a stable floor stand or a sturdy wall hook.
- Clean the nozzle assembly after use and avoid keeping expired or contaminated solution inside.
- The extinguishing medium must be replaced or checked according to the manufacturer's strict timeline.
- Requires mandatory legal technical evaluation and inspection at least once every 12 months.