



80 YEARS
GLORIA®



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Fire prevention is a constant concern. Whether in public buildings or in private households, fire extinguishers and warning alarms are essential to ensure the necessary protection for people and material assets.

Reaching for a fire extinguisher is the first logical step in the event of a fire. Thanks to our extensive range of portable and mobile extinguishers with different extinguishing agents to suit your needs, fires can be extinguished both effectively and in an environmentally friendly manner. In an emergency, things have to move quickly. And although the application may seem simple, it can become a hurdle in stressful situations. This is why our services also include seminars and training courses to ensure safe handling of our products. We are also increasingly utilising the possibilities offered by state-of-the-art technologies: our VR Fire Trainer creates virtual realities in which users are exposed to fictitious fire situations and extinguish them under realistic conditions. We offer our customers the right solution for every application.

Our detector portfolio also forms an important basis. Because only through early detection can an often life-saving time advantage be utilised to leave threatening situations or even avert them.

Thanks to our products, your safety is within reach!

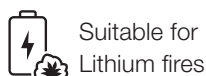
Explanation of symbols

Our DESIGN, STAR, PRO and EASY lines with colour coding of the extinguishing agent:

	Powder		Fluorine-free fat fire
	Water		Fluorine-free foam

The lighter colour gradation can be found in the technical tables. It corresponds to the colour coding of the extinguishing agent.

Other labelling:



Suitable for
Lithium fires



Fluorine-free
Extinguisher



MED License

Areas of application:



Industry



Hotel & Gastronomy



Logistics



Marine



Health



Private households



Airports



Automobile

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CHOOSE THE RIGHT
GLORIA®
EXTINGUISHER
FOR THE TYPE
OF FIRE

EXTINGUISHING
POWDER

Approved for extinguishing
of fires even up to 400 kV

Approved for extinguishing
of fires up to 1000 V

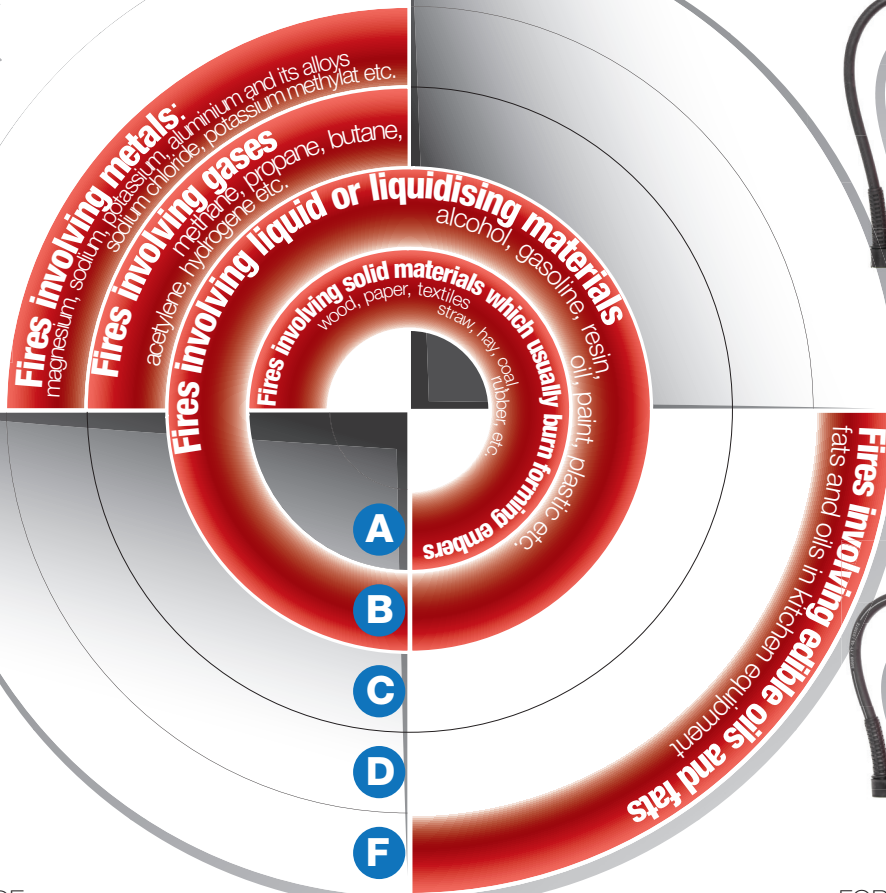
EXTINGUISHING
FOAM



CARBON DIOXIDE
CO2

Approved for extinguishing
of fires even up to 400 kV

DESIGNED
FOR FAT FIRES
WET CHEMICAL



CLASSES
OF FIRES

The expectations and requirements for fire protection products are naturally high. They should function immediately in an emergency, be intuitive to use and powerful even for laypersons, save lives, preserve health, protect values and be durable. Ideally, the extinguishing agent used should be gentle on the environment and leave hardly any consequential damage after use. In recent years, modern GLORIA wet fire extinguishers, i.e. foam or water extinguishers, met this ecological standard. While GLORIA high-performance water extinguishers have always been fluorine-free, the fluorine content of foam extinguishers of the SE+, SH and SDE types was already reduced to 0.04% in 2014.

The latter foam fire extinguishers are now being tackled: The European Commission plans to completely phase out fluorosurfactants, which are not readily biodegradable, in the next few years. The European Chemicals Agency (ECHA), together with other authorities, has drafted a regulation for the entire PFAS group of substances, which the European Commission reviewed and updated at the end of 2024. It is expected to come into force in mid-2025.

In our brochure we would like to provide you with detailed information on the status quo and the fluorine-free future of GLORIA foam fire extinguishers. GLORIA has been completely fluorine-free since November 2024, and relies exclusively on fluorine-free foam fire extinguishers in both production and distribution.

Facts about PFAS in extinguishing foams

What does the fluorine content in conventional foam extinguishing agents do?

The fluorine substances give the extinguishing foam its excellent film-forming properties, which significantly enhance the extinguishing effect, especially on B fires (liquid fires). A very thin liquid film is formed between the liquid and the foam. On the A-fire, the fluorosurfactants can lower the surface tension much further than other additives in the foam concentrate. This ensures that the foam penetrates better and faster into fine structures. In addition, the fluorosurfactants ensure that the foam concentrate has a repellent effect on liquids. The advantage: the liquid film is more stable, lasts longer and does not crack. These characteristics mean that gas escape from the flammable liquid is effectively prevented. The fluorine compounds belong to the group of PFAS.

What are PFAS?

PFAS are often toxic per- and polyfluorinated alkyl substances, of which more than 4,700 individual substances are known. Chemically, PFAS are organic compounds of various chain lengths in which the hydrogen atoms have been completely (perfluorinated) or partially (polyfluorinated) replaced by fluorine atoms. They are found in many everyday products, such as outdoor jackets, Teflon pans and pots, cosmetics and protective clothing, but also in fluorine-containing fire extinguishing agents.

Why are foam extinguishing agents criticized?

The chemically produced substances do not occur in nature. Although they offer the advantage of being water, dirt and fat repellent, they have long been suspected of being harmful to living organisms. They rapidly enter our ecosystem via water and accumulate in humans via groundwater and drinking water, food (plants, animals and bioorganisms) or the air we breathe.

What does the future look like?



What can we expect in the future for extinguishing agents containing fluorine?

The future will definitely be fluorine-free. The period of use of devices containing fluorosurfactants will be restricted based on the updated draft regulation of the EU Commission.

We have summarised the details of the updated draft regulation of the EU Commission in a timeline. This can be viewed using the QR code below.



Are there any transition periods for existing equipment?

The transition periods originally prepared by the ECHA were slightly adjusted by the EU Commission at the end of 2024. We have summarised these for you in a timeline. Selected GLORIA models can be converted to fluorine-free by using the appropriate retrofit kits.

A new purchase is pending - what does GLORIA recommend?

1. Do fluorine-free foam extinguishers necessarily have to be used if previously a conventional foam extinguisher was installed?

Fire risk and fire load must be carefully calculated for an initial fire in the fire protection concept for areas to be protected. In future, the economically ideal result for the operating company may be a mix of fluorine-free foam and modern high-performance water extinguishers.

2. Fire risk and fire load in workplaces according to ASR 2.2 - differentiated advice is the key!


As one of many examples, consider the classic workplace in an administrative building with file storage.

A differentiated risk assessment will predominantly identify a fire of solid materials in the formation phase as the highest risk. For fire class A, a water extinguisher would be suitable for this area.

In the manufacturing sector, e.g. flammable liquids are used in the same company. At this point, the fluorine-free foam extinguisher would be predestined.

For both types, the same trigger controls should be selected to be user-friendly.

Further information about 'Fluorine-free' can be found on our website at www.gloria.de, in the category 'GLORIA Knowledge' or by scanning the QR code on the right.

You can find our fluorine-free fire extinguisher models on the corresponding product pages in this catalogue. They are labelled with the „fluorine-free“ logo. 



Lithium-ion batteries and their underestimated fire potential

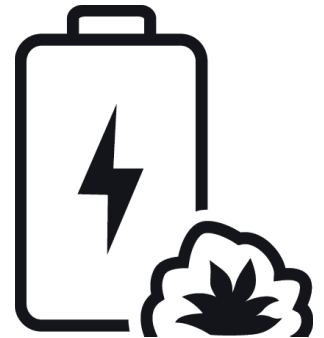
Lithium-ion batteries are both a blessing and a curse. High energy density on the smallest storage cell represents a quantum leap and, despite the most modern technology, involves certain risks.

Fires and explosions caused by lithium-ion batteries, which are used operationally in work equipment such as drill screwdrivers, laptops, smartphones or flashlights, are increasing continuously. Larger energy storage devices, such as those installed countless times in large electrical appliances, e-bikes and e-scooters, multiply the fire potential. The higher the energy density, the higher the risk.

Usually qualitative defects, the age of the batteries, accidents, but also carelessness are the mechanical, thermal or electrical causes of fires.

Damages, temperature effects and overcharging can lead to an increase in internal resistance and at the same time, especially with high current flows, cause the temperature to rise significantly. This results in an increase in pressure inside the cell and eventually in a breakdown, possibly with fire and explosion. Thermal runaway is due to the fact that this Type of energy storage uses organic solvents in the form of hydrocarbons, which react in an almost flammable manner like petrol.

In the commercial sector burning lithium-ion batteries should be tackled by fire safety assistants if possible, based on the risk assessment and the measures laid down. Fires of several or larger batteries should only be fought by fire brigade personnel!



Primary cells just as at risk as batteries

However, it is not only the batteries themselves that are affected by the increasing number of cases, but also the non-rechargeable primary cells. One of the main causes of fire is the massive overheating of one or more cells. It is basically irrelevant whether the battery is a smaller energy storage device with only a few watt-hours of power, as integrated in smartphones, or a large lithium-ion system with several kWh that ensures the operation of an electric car or forklift truck. Even the smallest defective cell is capable of calling a large fire brigade into action.

In the process, the overheated cells „infect“ those next to them, comparable to a chain reaction. The thermal runaway of the entire battery system described above can then lead to uncontrollable temperatures as well as dangerous and very toxic gas leaks.


Flammable gases, electrolytes and other cell components

Another cause of fire is the improper, unprotected storage of defective lithium-ion batteries or their storage in so-called „unclear“ condition. Lithium-ion batteries can simply be physically damaged by mechanical impacts during transport and storage or thermal stress in terms of strong sunlight, heat or cold.

Worst case, this can lead to the escape of flammable gases or electrolyte and consequently to ignition. Overheating is usually indicated by white/grey smoke. In such a case, persons in the danger zone should never inhale this smoke, as it contains battery contents and decomposition products that are very unhealthy and corrosive. The mist that is released can subsequently ignite and cause a flash fire, which in turn can decompose other lithium-ion batteries in the immediate vicinity.

In addition to the actual fire, explosion-like processes can occur, as the source of fire can decompose into small, splinter-like individual parts that eruptively burst apart.

You can find more information about lithium-ion batteries on our website at www.gloria.de, category „GLORIA Knowledge“.

Our fire extinguisher models suitable for lithium fires can be found on the corresponding product pages in this catalogue. They are labelled with .

Our solution for challenging training conditions - Fire training in the Virtual Reality (VR)



Put on the headset and immerse yourself in the virtual world within minutes - and your firefighting training can begin!

You don't need a real fire or a working fire extinguisher to practice firefighting. With the GLORIA VR Fire Trainer, everyone in the company can be trained using only a VR headset and a mock-up fire extinguisher. As our product solution does not rely on a computer, you can train anywhere and at any time. The trainee is guided through realistic exercises that simulate different fire scenarios in different rooms. One moment you are in an open-plan office where a stack of file boxes is on fire, and the next moment you are in the kitchen facing a fat fire.

Simply open the sturdy transport box, put on the headset and you can start training. An all-round mobile training solution.

Get a first impression of the new product solution from GLORIA in our short product video and convince yourself of the special features and advantages of the GLORIA VR Fire Trainer.

We have aroused your interest and you would like to get an idea of how the GLORIA VR Fire Trainer works?

Then make an appointment today.

Contact us by phone at **+49 (0) 2523 / 79349-913** or by e-mail at **vrfiretrainer@gloria.de**.

We would also be happy to introduce you to our new product highlight during a personal visit and give you the opportunity to discover the virtual world of firefighting training with your own eyes.



Cartridge operated fire extinguisher DIN EN 3, GS



Powder

DESIGN-LINE - Be visible!





The F 6 series fire extinguishers are unique not only in terms of design. The fire extinguishers, being top-class devices with foam or powder extinguishing agents, also attract with comfort, functionality and attention to detail.

■ Main advantages of the DESIGN-LINE

- Design combined with functionality and very good extinguishing performance
- Consistent uniformity: the operating elements and containers with extinguishing agents (6 l/kg)
- Unmatched comfort of carrying due to the ergonomic handle design
- Green, sealed indicator informs of readiness of the device
- Pulling the yellow safety clip automatically removes the green indicator
- An orange reviewing field appears with the following remarks: entsichert [unlocked], prüfen lassen [check], check control
- Black valve body with a classic activation system by means of an operating lever: unlocking, using the operating lever to puncture the CO₂ cylinder and fill the fire extinguisher
- A large, easy to use strike button with a colored pictograph
- All valve components with standardised threads
- Kink-free, extra-long, aging-resistant hose assembly integrated into the carrying handle with a rotatable and stoppable extinguishing pistol
- Assembly and disassembly openings protected against tampering
- Recessed area for marking the device on the skirt
- With integrated riser protection
- Additional protection for the hose assembly

■ Details and performance features of the DESIGN-LINE F 6

Cartridge operated powder fire extinguisher F 6 GX . F 6 G

- Best performance in the event of class A and B fire, in each case, 15 units of fire extinguishing agent (F 6 GX)
- Nearly universal application
- Immediate, fast extinguishing due to the effect of cooling and suppression, enriched with an anti-catalytic effect
- GLORIA extinguishing powders are hydrophobic and non-toxic
- Areas of application:    



Strike-knob activation

■ Details



Pulling the yellow safety tab



Very long hose assembly, rotatable and adjustable extinguishing pistol

Model	Art.-No.	Extinguishing agent	Type	Propellant	Performance LE*	Discharge time/Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
F 6 GX DESIGN	000421.1909	ABC powder	PG 6 H	CO ₂	55A 233B 15 15	C ca. 5 m ca. 22 Sec.	-30 °C to +60 °C	ca. 14 kg	ca. 568/216/165 mm ø 150 mm
F 6 G DESIGN	000421.0000	ABC powder	PG 6 H	CO ₂	43A 233B 12 12	C ca. 5 m ca. 22 Sec.	-30 °C to +60 °C	ca. 10,1 kg	ca. 568/216/165 mm ø 150 mm

* extinguishing agent units. If fire extinguishers are provided for both fire classes A+B, the lower LE value applies for the calculation.

Cartridge operated fire extinguisher DIN EN 3, GS, BSI



The Royal League: semi-automatic GLORIA fire extinguishers with maximum performance!

The GLORIA semi-automatic valve has been designed for intuitive use. Incomparable and typical of GLORIA, the valve gives the units a forward-looking, compact appearance. Performance, economy and design form a postmodern symbiosis in this series.






■ Main advantages of the STAR-LINE

- Intuitive and ready to use in no time: unlock, lift the handle - done!
- Robust carrying handle made of glass-fibre reinforced plastic with ergonomic carrying characteristics.
- Laser-welded pressurised cylinder.
- Exterior coated with durable polyester resin powder coating.
- Long-lasting plastic inner coating to protect against corrosion.
- Approved in accordance with the Pressure Equipment Directive 2014/68/EU (CE).
- Uniform, high-strength, glass fibre-reinforced special plastic valve body.
- High temperature, ozone and UV resistant.
- Also highly resistant to chemicals, moisture and corrosion.
- Standardised neck ring, thread size M74x2.
- Uniform, black anodised metal locking collar.
- Internal propellant bottle with stainless steel adapter and corrosion-resistant plastic coating. (technical data marked with resistant laser printing)

- Ageing-resistant, LABS-free quality hose assembly with fabric insert made of synthetic rubber material.
- Swivelling and adjustable extinguishing pistol for optimum firefighting.
- Robust, impact-resistant plastic base ring with hose nozzle bracket ensures stability and protects the device against damage and corrosion.
- Special foam tube with high surface coverage enables optimum application of the extinguishing agent.






■ Details and performance features of the STAR-LINE

Cartridge operated foam fire extinguisher SKA+

- High extinguishing performance on A and B fires
- Separate storage of foam concentrate in pre-assembled cartridge and additional water additives.
- Special foam nozzle with high surface coverage enables ideal application of the extinguishing agent
- Reignition is largely suppressed
- Areas of application:     




Cartridge operated foam fire extinguisher SKE

- Highly maintenance-friendly, no additives in the water
- Convincing extinguishing performance on A and B fires
- Separate storage of foam concentrate in pre-assembled cartridge
- Special foam nozzle with high surface coverage enables ideal application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application:     








Cartridge operated fat fire extinguisher FA

- Burning fat can easily exceed a temperature of more than 1000 °C, is self-igniting and requires a robust and absolutely safe fire extinguisher to prevent flash fires or even fat explosions
- Reignitions are reliably prevented
- GLORIA fat fire extinguishers are frost-proof down to -5 °C
- Yellow colour code indicates fat fire extinguishing agent
- Areas of application:  *



Cartridge operated water fire extinguisher WH

- Water extinguisher of the best parameters: Type WH 9 with 12 LE - and environmentally friendly
- The blue colour code indicates a water extinguishing agent
- Areas of application:     



* For kitchen operations with deep-fat fryers up to 50 litres, the DGV (regulation GUV-R111) stipulates the use of at least one fire extinguisher with a proven suitability for extinguishing cooking oil and cooking fat fires with a preferred capacity of 6 litres. For deep fryers with a capacity of up to 100 litres, at least three fire extinguishers with proven suitability or a stationary extinguishing device must be provided.

Cartridge operated powder fire extinguisher PX . PH . P

- Type PX 6 STAR as a high-performance unit with 15 LE
- Environmentally friendly, performance-differentiated quality ABC extinguishing powder
- Nearly universal application
- Immediate, fast extinguishing due to the effect of cooling and suppression, enriched with an anti-catalytic effect
- Reignition of solid fires is prevented
- Gray colour code indicates extinguishing powder
- GLORIA extinguishing powders are hydrophobic and non-toxic
- GLORIA extinguishing powders with excellent quality and durability
- Areas of application:

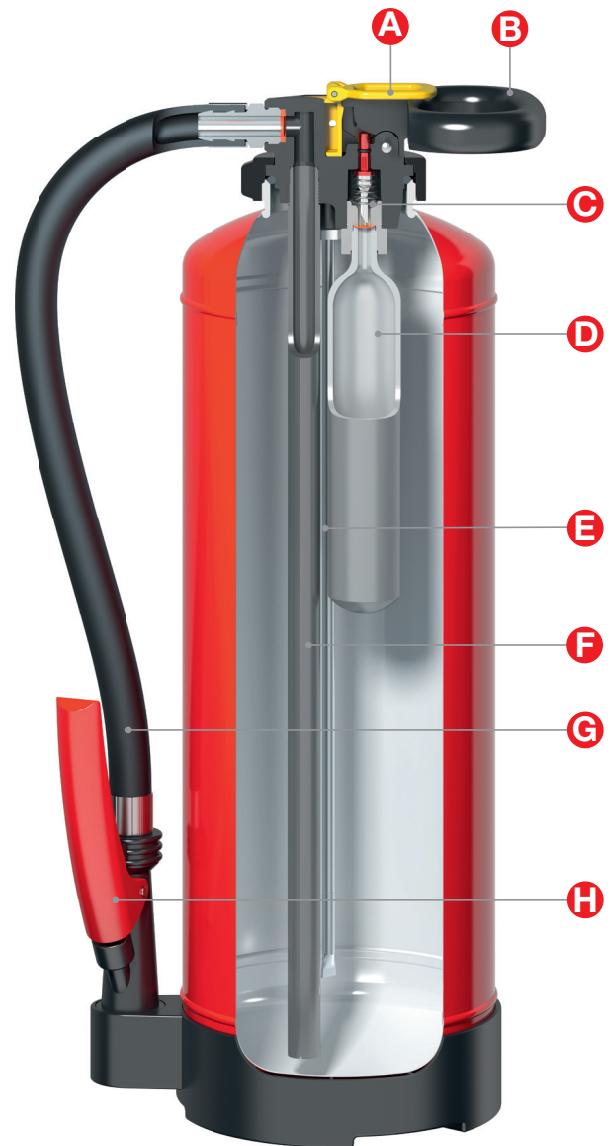


■ Cross-section

Powder fire extinguisher STAR-LINE

Mode of operation

- Pull the yellow **safety tab A**.
- When the **handle B** is lifted, the **piercing knife C** automatically punctures the **CO₂ propellant bottle D**.
- CO₂ flows abruptly into the **cartridge E** and pushes the piston with the foam concentrate into the container. Water and foam concentrate are optimally mixed by this process.
- The foam mixture flows through the **dip tube F** into the **hose assembly G**.
- The **extinguishing pistol H**, which can be rotated and shut off, enables targeted firefighting over a large area.



■ Application



Pick a safety tab...

...unlock...

...and lift the handle - ready!



Rotatable and stoppable
extinguishing pistol

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/ Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
SKA+ 6 STAR	811661.0035	Foam concentrate in cartridge + water + additives	S 6 H	CO ₂	34A 144B 10 9	ca. 4,5 m ca. 60 Sec.	5 °C to +60 °C	ca. 10,1 kg	ca. 540/280/165 mm ø 150 mm
SKA+ 9 STAR	811671.0035	Foam concentrate in cartridge + water + additives	S 9 H	CO ₂	43A 183B 12 12	ca. 4,5 m ca. 80 Sec.	5 °C to +60 °C	ca. 15,3 kg	ca. 575/280/205 mm ø 190 mm
SKE 6 STAR	811661.0000	Foam concentrate in cartridge + water	S 6 H	CO ₂	21A 113B 6 6	ca. 4,5 m ca. 35 Sec.	5 °C to +60 °C	ca. 10,1 kg	ca. 540/280/165 mm ø 150 mm
SKE 9 STAR	811671.0000	Foam concentrate in cartridge + water	S 9 H	CO ₂	27A 183B 9 12	ca. 4,5 m ca. 60 Sec.	5 °C to +60 °C	ca. 15,3 kg	ca. 575/280/205 mm ø 190 mm
FA 6 STAR	814131.0000	Wet chemical	W 6 H	CO ₂	13A 75F 4 9	ca. 4 m ca. 50 Sec.	-5 °C to +60 °C	ca. 12,3 kg	ca. 600/270/165 mm ø 150 mm
WH 6 STAR	803821.0000	Water + additives	W 6 H	CO ₂	34A 10	ca. 5 m ca. 74 Sec.	0 °C to +60 °C	ca. 10,3 kg	ca. 540/280/165 mm ø 150 mm
WH 9 STAR	803831.0000	Water + additives	W 9 H	CO ₂	43A 12	ca. 5 m ca. 93 Sec.	0 °C to +60 °C	ca. 15,5 kg	ca. 575/280/205 mm ø 190 mm
PX 6 STAR	800631.3016	High performance ABC powder	PG 6 H	CO ₂	55A 233B 15 15	C ca. 6 m ca. 22 Sec.	-30 °C to +60 °C	ca. 9,9 kg	ca. 500/300/165 mm ø 150 mm
PH 6 STAR	800631.3015	ABC powder	PG 6 H	CO ₂	43A 233B 12 15	C ca. 6 m ca. 22 Sec.	-30 °C to +60 °C	ca. 9,9 kg	ca. 500/300/165 mm ø 150 mm
PH 9 STAR	800641.0000	ABC powder	PG 9 H	CO ₂	55A 233B 15 15	C ca. 7 m ca. 23 Sec.	-30 °C to +60 °C	ca. 14,3 kg	ca. 555/290/185 mm ø 170 mm
P 6 STAR	800631.0000	ABC powder	PG 6 H	CO ₂	34A 233B 10 15	C ca. 6 m ca. 22 Sec.	-30 °C to +60 °C	ca. 9,9 kg	ca. 500/300/165 mm ø 150 mm
P 12 STAR	800651.0000	ABC powder	PG 12 H	CO ₂	55A 233B 15 15	C ca. 7 m ca. 32 Sec.	-30 °C to +60 °C	ca. 18,7 kg	ca. 600/290/205 mm ø 190 mm

* extinguishing agent units. If fire extinguishers are provided for both fire classes A+B, the lower LE value applies for the calculation.

Cartridge operated fire extinguisher DIN EN 3, GS, MED , BSI



Powder

Foam

Water

PRO-LINE - proven GLORIA original!

The classic strike-knob activation, which is particularly popular in the commercial sector, in combination with the rotatable and lockable extinguishing pistol, characterises this series in the unmistakable GLORIA design. The extinguishing media foam, water and powder are at their best in the PRO-LINE.


■ Main advantages of the PRO-LINE

- Tried-and-tested GLORIA strike-knob activation.
- Robust handle made of glass-fibre reinforced plastic with ergonomic carrying properties.
- Laser-welded pressure cylinder.
- Exterior coated with durable polyester resin powder coating.
- Long-lasting plastic inner coating to protect against corrosion.
- Approved according to Pressure Equipment Directive 2014/68/EU (CE).
- Uniform, high-strength, glass-fibre reinforced special plastic valve body.
- High temperature, ozone and UV resistant.
- In addition, high chemical resistance, moisture-resistant and corrosion-free.
- Uniform neck ring, thread size M74x2.
- Uniform, black anodised metal locking collar
- Internal propellant bottle with stainless steel adapter and corrosion-resistant plastic coating. (technical data marked with resistant laser printing)
- Ageing-resistant, LABS-free quality hose assembly with fabric insert made of synthetic rubber material.
- Rotatable and stoppable extinguishing pistol for ideal fire fighting.

- Robust, impact-resistant plastic skirt with hose nozzle bracket ensures stability and protection of the unit against damage and corrosion.
- Special foam pipe with high area coverage enables optimum application of the extinguishing agent.


■ Details and performance features of the PRO-LINE

Cartridge operated foam fire extinguisher SKA+

- High extinguishing performance on A and B fires
- Separate storage of the foam concentrate in pre-assembled cartridge and additional water additives.
- Special foam nozzle with high surface coverage enables optimum application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application: 




Cartridge operated foam fire extinguisher SB . SBF

- High extinguishing performance on B-fire with only 6 litres capacity (SB)
- GLORIA bio-foam with impregnating effect on the source of the fire and surroundings
- Special foam nozzle with high surface coverage enables optimum application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application: 




Cartridge operated foam fire extinguisher SKE

- High ease of maintenance, no additives in the water
- Impressive extinguishing performance on A and B fires
- Separate storage of the foam concentrate in pre-assembled cartridge
- Special foam nozzle with high surface coverage enables optimum application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application: 




Cartridge operated fat fire extinguisher FA

- Burning fat can easily exceed a temperature of more than 1000 °C, is self-igniting and requires a robust and absolutely safe fire extinguisher to prevent flash fires or even fat explosions
- Tried and tested GLORIA firing strike-knob activation.
- Robust handle made of glass-fibre reinforced plastic with ergonomic carrying characteristics.
- Reignition is largely suppressed
- GLORIA fat fire extinguishers are frost-proof down to -5 °C
- Yellow colour code indicates fat fire extinguishing agent
- Areas of application:  *



Cartridge operated Fine spray water fire extinguisher WKL

- Fluorine-free extinguishing agent concentrate, without environmentally harmful PFOS or PFOA
- Deliberate avoidance of extinguishing substances in the water
- Blue colour code indicates water as extinguishing agent
- Extinguishing lance for additional distance to the source of danger at 4m spray range
- High ease of maintenance thanks to cartridge technology
- Specially designed for lithium-ion batteries up to 642Wh** (WKL6PRO) or 1285Wh** (WKL 9 PRO), with pouches up to 700Wh (WKL 9 PRO)
- Areas of application: 



* For kitchen operations with deep-fat fryers up to 50 litres, the DGUV (regulation GUV-R111) stipulates the use of at least one fire extinguisher with a proven suitability for extinguishing cooking oil and cooking fat fires with a preferred capacity of 6 litres. For deep fryers with a capacity of up to 100 litres, at least three fire extinguishers with proven suitability or a stationary extinguishing device must be provided as an option. | The tests were carried out on cell Type 18650. The suitability test on lithium-ion batteries was carried out by the Dutch institute KIWA!

Cartridge operated water fire extinguisher WH

- Water extinguisher of the best parameters: Type WH 9 with 12 LE - and environmentally friendly
- The blue colour code indicates a water extinguishing agent
- Hose connection and diptube made of stainless steel
- Areas of application:



Cartridge operated powder fire extinguisher P . PH

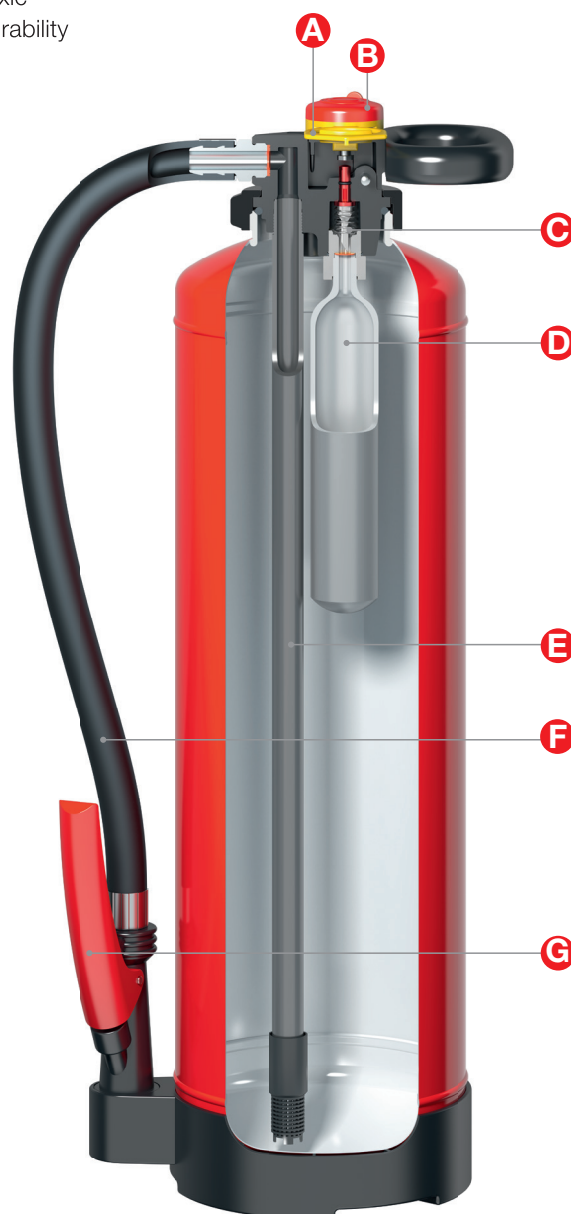
- Environmentally compatible, performance-differentiated quality ABC extinguishing powder
- Nearly universal application
- Immediate, fast extinguishing due to the effect of cooling and suppression, enriched with an anti-catalytic effect; reignition in the case of fires of solids is suppressed
- The grey colour code indicates a powder extinguishing agent
- GLORIA extinguishing powders are hydrophobic and non-toxic
- GLORIA extinguishing powders with excellent quality and durability
- Areas of application:



■ Cross-section Water fire extinguisher PRO-LINE

Mode of operation

- Pull the yellow **safety tab A**.
- When the **strike-knob B** is pressed, the **piercing knife C** punctures the **CO₂ propellant bottle D**.
- CO₂ flows abruptly into the container. The foam mixture flows through the **driptube E** into the **hose assembly F**.
- The rotatable and stoppable **extinguishing pistol G** enables targeted fire fighting over a large area.



■ Application



Pull the safety tab...



...push the strike knob...



...squeeze the lever and use!

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/ Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
SKA+ 6 PRO	811641.0035	Foam concentrate in cartridge + water + additives	S 6 H	CO ₂	34A 144B 10 9	ca. 4,5m ca. 60 Sec.	+5 °C to +60 °C	ca. 10,1kg	ca. 550/280/165 mm ø 150 mm
SKA+ 9 PRO	811651.0035	Foam concentrate in cartridge + water + additives	S 9 H	CO ₂	43A 183B 12 12	ca. 4,5m ca. 80 Sec.	+5 °C to +60 °C	ca. 15,3 kg	ca. 585/280/205 mm ø 190 mm
SB 6 PRO	813731.0000	Premix	S 6 H	N ₂	21A 183B 6 12	ca. 4,5 m ca. 70 Sec.	+5 °C to +60 °C	ca. 10,1 kg	ca. 550/280/165 mm ø 150 mm
SB 9 PRO	813741.0000	Premix	S 9 H	N ₂	27A 183B 9 12	ca. 4,5 m ca. 90 Sec.	+5 °C to +60 °C	ca. 15,3 kg	ca. 585/280/205 mm ø 190 mm
SKE 6 PRO	811641.0000	Foam concentrate in cartridge + water	S 6 H	CO ₂	21A 113B 6 6	ca. 4 m ca. 35 Sec.	+5 °C to +60 °C	ca. 10,1kg	ca. 550/280/165 mm ø 150 mm
SKE 9 PRO	811651.0000	Foam concentrate in cartridge + water	S 9 H	CO ₂	27A 183B 9 12	ca. 4 m ca. 60 Sec.	+5 °C to +60 °C	ca. 15,3 kg	ca. 585/280/205 mm ø 190 mm
SBF 6 PRO	814171.0000	Premix	S 6 H	CO ₂	21A 113B 6 6	ca. 4 m ca. 35 Sec.	-20 °C to +60 °C	ca. 10,1kg	ca. 550/280/165 mm ø 150 mm
SBF 9 PRO	814181.0000	Premix	S 9 H	CO ₂	27A 183B 9 12	ca. 4 m ca. 48 Sec.	-20 °C to +60 °C	ca. 15,3 kg	ca. 585/280/205 mm ø 190 mm
FA 6 PRO	814121.0000	Wet chemical	W 6 H	CO ₂	13A 75F 4 9	ca. 4 m ca. 50 Sec.	-5 °C to +60 °C	ca. 12,3 kg	ca. 550/280/165 mm ø 150 mm
WKL 6 PRO	803841.0000	Concentrate in cartridge + water	W 6 H	CO ₂	21A 6	4 m 65 Sec.	+5 °C to +60 °C	ca. 10,5 kg	ca. 630/216/165 mm ø 150 mm
WKL 9 PRO	803851.0000	Concentrate in cartridge + water	W 9 H	CO ₂	27A 9	4 m. 80 Sec.	+5 °C to +60 °C	15,6 kg	ca. 640/430/205 mm
WH 6 PRO	803801.0000	Water + additives	W 6 H	CO ₂	34A 10	ca. 5 m ca. 74 Sec.	0 °C to +60 °C	ca. 10,3 kg	ca. 550/280/165 mm ø 150 mm
WH 9 PRO	803811.0000	Water + additives	W 9 H	CO ₂	43A 12	ca. 5 m ca. 90 Sec.	0 °C to +60 °C	ca. 15,5 kg	ca. 585/280/205 mm ø 190 mm
PH 6 PRO	801271.1426	ABC powder	PG 6 H	CO ₂	43A 233B 12 15	ca. 6 m ca. 22 Sec.	-30 °C to +60 °C	ca. 9,8 kg	ca. 510/300/165 mm ø 150 mm
PH 9 PRO	803341.1426	ABC powder	PG 9 H	CO ₂	55A 233B 15 15	ca. 6 m ca. 23 Sec.	-30 °C to +60 °C	ca. 14,3 kg	ca. 565/290/185 mm ø 170 mm
P 6 PRO	801941.0000	ABC powder	PG 6 H	CO ₂	34A 233B 10 15	ca. 6 m ca. 22 Sec.	-30 °C to +60 °C	ca. 9,8 kg	ca. 510/300/165 mm ø 150 mm
P 12 PRO	801291.1426	ABC powder	PG 12 H	CO ₂	55A 233B 15 15	ca. 7 m ca. 32 Sec.	-30 °C to +60 °C	ca. 18,6 kg	ca. 610/290/205 mm ø 190 mm

* extinguishing agent units. If fire extinguishers are provided for both fire classes A+B, the lower LE value applies for the calculation.

Cartridge operated fire extinguisher DIN EN 3, GS, MED



Powder

Foam

Water

Wet chemical

EASY-LINE - Simple, universal, good!

Simplicity and safety are not a contradiction in the EASY-LINE, but a long-standing concept.

The clear focus on the essentials without saving on safety and performance has been impressively implemented in the design of the EASY-LINE. The EASY-LINE offers the widest range of extinguishing agents.

■ Main advantages of the EASY-LINE

- Large performance portfolio within the extinguishing agents foam (6 and 9 l), water (6 and 9 l), fat fire (3 and 6 l) and powder (6, 9 and 12 kg)
- Consistently used uniform operating elements
- Good carrying characteristics due to stable squeeze-grip operation
- Uniform, high-strength, glass-fibre reinforced special plastic valve body. Also robust, tensile strength, stable, high chemical resistance, moisture-resistant, corrosion-free, high temperature resistance, UV-resistant.
- All valve components with standardised neck rings
- Uniform neck ring M 74
- Uniform, black anodised metal locking collar
- Ageing resistant hose assembly

■ Details and performance features of the EASY-LINE

Cartridge operated foam fire extinguisher SKA+

- High extinguishing performance on A and B fires
- Separate storage of the foam concentrate in pre-assembled cartridge and additional water additives.
- Special foam nozzle with high surface coverage enables optimum application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application:



Cartridge operated foam fire extinguisher SKE

- High ease of maintenance, no additives in the water
- Impressive extinguishing performance on A and B fires
- Separate storage of the foam concentrate in pre-assembled cartridge
- Special foam nozzle with high surface coverage enables optimum application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application:



Cartridge operated fat fire extinguisher FA

- Burning fat can easily exceed a temperature of more than 1000 °C, is self-igniting and requires a robust and absolutely safe fire extinguisher to prevent flash fires or even fat explosions
- The extinguishing agent, paired with a special atomiser insert, ensures that GLORIA fat fire extinguishers achieve the maximum achievable rating of 75F with a capacity of just 3 litres
- Easy to carry due to stable handle
- Reignition is largely suppressed
- GLORIA fat fire extinguishers are frost-proof down to -5 °C
- Yellow colour code indicates fat fire extinguishing agent
- Areas of application: *



Water-Cartridge operated fire extinguisher WH . W . WF

- Water extinguisher of the best parameters: Type WH with 12 LE and 9 l capacity - and environmentally friendly
- 6 and 9 litre water extinguishers with pure water without additives (Type W)
- Frost-proof versions (-30°) with 6 and 9 litre capacity available (Type WF)
- Blue colour code indicates water extinguishing agent
- Areas of application:



*For kitchen operations with deep-fat fryers up to 50 litres, the DGUV (regulation GUV-R111) stipulates the use of at least one fire extinguisher with a proven suitability for extinguishing cooking oil and cooking fat fires with a preferred capacity of 6 litres. For deep fryers with a capacity of up to 100 litres, at least three fire extinguishers with proven suitability or a stationary extinguishing device must be provided.

Cartridge operated powder fire extinguisher P . PH

- Environmentally friendly, performance-differentiated quality ABC extinguishing powder
- Nearly universal application
- Impact-like, fast extinguishing due to cooling and suffocation effect, in addition, anticatalytic extinguishing effect
- Reignition of solid fires is prevented
- The grey colour code indicates a powder extinguishing agent
- GLORIA extinguishing powders are hydrophobic and non-toxic
- GLORIA extinguishing powders with excellent quality and durability
- Areas of application:

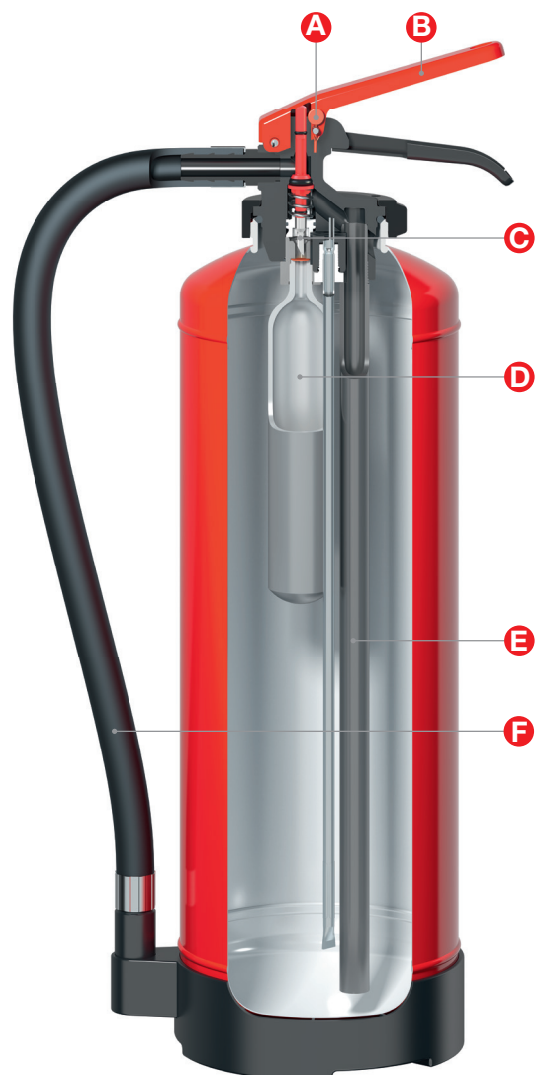


■ Cross-section

Powder fire extinguisher EASY-LINE

Mode of operation

- Pull the **metal safety pin A**.
- When the **squeeze-grip operation B** is pressed down briefly for the first time, the **piercing knife C** punctures the **CO₂ propellant bottle D**. At the same time, CO₂ suddenly flows into the container.
- When the **squeeze-grip operation B** is pressed down again, the extinguishing agent flows through the **dip tube E** into the **hose assembly F** for discharge.
- Releasing the **squeeze-grip operation B** interrupts the extinguishing agent stream.





Squeeze-grip operation



Skirt

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/ Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
SKA+ 6 EASY	814121.0035	Foam concentrate in cartridge + water + additives	S 6 H	CO ₂	34A 144B 10 9	ca. 4 m ca. 54 Sec.	+5 °C to +60 °C	ca. 10,1 kg	ca. 600/310/165 mm 150 mm
SKA+ 9 EASY	814131.0035	Foam concentrate in cartridge + water + additives	S 9 H	CO ₂	43A 183B 12 12	ca. 4 m ca. 80 Sec.	+5 °C to +60 °C	ca. 15,5 kg	ca. 620/290/205 mm 190 mm
SKE 6 EASY	811681.0000	Foam concentrate in cartridge + water	S 6 H	CO ₂	21A 113B 6 6	ca. 4 m ca. 35 Sec.	+5 °C to +60 °C	ca. 10,1 kg	ca. 600/310/165 mm 150 mm
SKE 9 EASY	811691.0000	Foam concentrate in cartridge + water	S 9 H	CO ₂	27A 183B 9 12	ca. 4 m ca. 60 Sec.	+5 °C to +60 °C	ca. 15,5 kg	ca. 620/290/205 mm 190 mm
FA 3 EASY	814101.0000	Wet chemical	W 3 H	CO ₂	8A 75F 2 9	ca. 4 m ca. 30 Sec.	-5 °C to +60 °C	ca. 6,8 kg	ca. 432/270/165 mm 150 mm
FA 6 EASY	814111.0000	Wet chemical	W 6 H	CO ₂	13A 75F 4 9	ca. 4 m ca. 50 Sec.	-5 °C to +60 °C	ca. 12,3 kg	ca. 600/270/165 mm 150 mm
WH 6 EASY	801601.1776	Water + additives	W 6 H	CO ₂	34A 10	ca. 5 m ca. 60 Sec.	0 °C to +60 °C	ca. 10,2 kg	ca. 600/310/165 mm 150 mm
WH 9 EASY	801611.1776	Water + additives	W 9 H	CO ₂	43A 12	ca. 5 m ca. 70 Sec.	0 °C to +60 °C	ca. 15,4 kg	ca. 620/290/205 mm 190 mm
W 6 EASY	801601.0000	Water	W 6 H	CO ₂	21A 6	ca. 4 m ca. 32 Sec.	+5 °C to +60 °C	ca. 10,0 kg	ca. 600/310/165 mm 150 mm
W 9 EASY	801611.0000	Water	W 9 H	CO ₂	27A 9	ca. 4 m ca. 39 Sec.	+5 °C to +60 °C	ca. 15,2 kg	ca. 620/290/205 mm 190 mm
WF 6 EASY	801621.0000	Water + antifreeze	W 6 H-30	CO ₂	21A 6	ca. 4 m ca. 60 Sec.	-30 °C to +60 °C	ca. 10,9 kg	ca. 600/310/165 mm 150 mm
WF 9 EASY	801631.0000	Water + antifreeze	W 9 H-30	CO ₂	27A 9	ca. 4 m ca. 80 Sec.	-30 °C to +60 °C	ca. 16,9 kg	ca. 620/290/205 mm 190 mm
PH 6 EASY	802171.3015	ABC powder	PG 6 H	CO ₂	43A 233B 12 12	ca. 6 m ca. 24 Sec.	-30 °C to +60 °C	ca. 9,8 kg	ca. 550/280/165 mm 150 mm
PH 9 EASY	802181.0000	ABC powder	PG 9 H	CO ₂	55A 233B 15 15	ca. 7 m ca. 27 Sec.	-30 °C to +60 °C	ca. 14,3 kg	ca. 595/300/185 mm 170 mm
P 6 EASY	802171.0000	ABC powder	PG 6 H	CO ₂	34A 183B 10 12	ca. 6 m ca. 24 Sec.	-30 °C to +60 °C	ca. 9,8 kg	ca. 550/280/165 mm 150 mm
P 12 EASY	802191.0000	ABC powder	PG 12 H	CO ₂	55A 233B 15 15	ca. 7 m ca. 35 Sec.	-30 °C to +60 °C	ca. 19,0 kg	ca. 640/310/205 mm 190 mm

* extinguishing agent units. If fire extinguishers are provided for both fire classes A+B, the lower LE value applies for the calculation.

Cartridge operated fire extinguisher DIN EN 3, GS



Universal powder fire extinguishers

Due to their special design, the devices are used primarily in industrial enterprises.


The P 6 GT can be used wherever fire extinguishers are not carried by hand during operations, e.g. by fire brigades, the police, the Federal Border Guard and for firefighting at locations that are difficult to access.

■ Main advantages

- Immediately ready for use after opening the CO₂ propellant bottle.
- Rotatable and stoppable extinguishing pistol for ideal fire fighting.
- Top quality pressure propellant vessels made of high strength steel

■ Details and performance features

of powder fire extinguishers with external CO₂ propellant bottle

- External weather-resistant and durable coating 100% polyester resin coating (free of heavy metals) for long service life
- External TÜV-tested CO₂ propellant bottle with safety burst disc device
- Metal valve with integrated safety valve
- Areas of application: 

P 6 G . P 12 G

- A solid plastic skirt protects the container against damage and ensures high stability
- Very maintenance-friendly design
- Integrated hose and propellant bottle holder on the skirt

**P 12 M**

- With metal fire applicator
- Filled with a special powder to extinguish metal fires, suitable for class D fires
- Stable plastic carrying handle

**P 6 SV . P 12 SV**

- Foam compatible, suitable for combined use with foam
- Extinguishing agent: BC powder



Carrying handle

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/ Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
P 6 G	000621.2046	ABC-Powder	PG 6 H	CO ₂	43 A 233 B 12 15 C	5 m ca. 22 Sec.	-30 °C to +60 °C	11,0 kg	480/340/150 mm ø 150 mm
P 12 G	000671.2046	ABC-Powder	PG 12 H	CO ₂	55 A 233 B 15 15 C	7 m ca. 34 Sec.	-30 °C to +60 °C	20,0 kg	560/370/190 mm ø 190 mm
P 12 M	800671.1611	D powder	PM 12 H	CO ₂		D Streuw. ca. 35 Sec.	-20 °C to +60 °C	21,0 kg	860/370/190 mm ø 190 mm
P 6 SV	000621.1610	BC-SV powder	P 6 H	CO ₂	233 B 15 C	5 m ca. 16 Sec.	-30 °C to +60 °C	11,0 kg	480/340/150 mm ø 150 mm
P 12 SV	000671.1610	BC-SV powder	P 12 H	CO ₂	233 B 15 C	7 m ca. 21 Sec.	-30 °C to +60 °C	19,8 kg	860/370/190 mm ø 190 mm

* Extinguishing agent units. If fire extinguishers are provided for both fire classes A + B, the lower LE value applies for the calculation.

Stored pressure fire extinguisher DIN EN 3, GS, MED , BSI



aluminium design

aluminium design

steel design

Carbon dioxide fire extinguisher in aluminium or steel design

The ideal units for use in installations with high electrical voltage, EDP centres and warehouses with flammable liquids. Safe and reliable extinguishing with the residue-free extinguishing agent carbon dioxide.

■ Main advantages of carbon dioxide fire extinguishers

- Practical standard class devices with high extinguishing capacity
- Easy-to-use squeeze-grip operation release - for carrying and releasing at the same time
- High-quality pressurized gas containers made of high-strength aluminum or steel

■ Details and performance features of carbon dioxide fire extinguishers

- The extra-long snow horn of the KS 5 ST and KS 5 SE, formed in a flat design, allows a targeted extinguishant stream
- Type KS 5 SE also available with cylindrical snow horn (part no. 001821.1672)
- For the user, this means high performance with simultaneous large area coverage
- The snow horn of the KS 2 ST and KS 2 SBS, which is screwed to the nozzle, allows an optimal spreading of the extinguishing agent
- External weather-resistant and durable coating 100% polyester resin coating (free of heavy metals) for long service life
- With safety bursting disc
- Brass fitting

- With wall bracket
- Suitable for electrical installations up to 1000 volts with a minimum distance of 1 m
- Areas of application: 

KS 2 SBS . KS 5 SE . KS 5 AM (Aluminium container)

- Up to 17 % weight advantage compared to the steel version
- Type KS 2 SBS: Stable wire spring frame can be ordered individually or as a complete unit
- Metal strap as standard on Type KS 5 SE
- Type KS 5 SE: Strap holder available separately
- Type KS 5 AM: With a round snow horn, all materials are anti-magnetic, therefore suitable for MRI rooms in hospitals and medical practices
- With round or flat snow horn available



KS 2 ST . KS 5 ST (Steel container)

- Type KS 2 ST: Wire spring frame separately available
- Type KS 5 ST: With powdered metal strap for mounting on GLORIA standard wall bracket
- Type KS 5 ST: Also available without metal strap for suspension directly on the valve (Art. No. 002031.0000)



Valve



Wall bracket



Strap



Snow horn

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
 KS 2 SBS	001831.0000	CO ₂	K 2	CO ₂	34 B 2	3 m ca. 8,5 Sec.	-30 °C to +60 °C	5,4 kg	520/250/170 mm ø 117 mm
 KS 2 SBS With wire bracket	001831.3007	CO ₂	K 2	CO ₂	34 B 2	3 m ca. 8,5 Sec.	-30 °C to +60 °C	5,4 kg	513/265/130 mm ø 117 mm
 KS 5 SE flat snow horn	001821.0000	CO ₂	K 5	CO ₂	89 B 5	4 - 5 m ca. 13,5 Sec.	-30 °C to +60 °C	13,5 kg	700/480/160 mm ø 152 mm
 KS 5 SE round snow horn	001821.1672	CO ₂	K 5	CO ₂	89 B 5	4 - 5 m ca. 13,5 Sec.	-30 °C to +60 °C	13,5 kg	700/480/160 mm ø 152 mm
KS 5 AM	001801.1683	CO ₂	K 5	CO ₂	89 B 5	4 - 5 m ca. 13,5 Sec.	-30 °C to +60 °C	13,5 kg	700/480/160 mm ø 152 mm
KS 2 ST	002041.0000	CO ₂	K 2	CO ₂	34 B 2	3 m ca. 8,5 Sec.	-30 °C to +60 °C	6,5 kg	590/250/104 mm ø 104 mm
 KS 5 ST flat snow horn	002031.1790	CO ₂	K 5	CO ₂	89 B 5	4 - 5 m ca. 13,5 Sec.	-30 °C to +60 °C	14,5 kg	930/400/136 mm ø 136 mm

* Extinguishing agent units

Stored pressure fire extinguisher DIN EN 3, GS, MED , BSI



Stored pressure fire extinguisher with practical squeeze-grip operation

Low-cost standard units for a wide range of applications with simple operating elements. Unlike comfort units with an internal propellant bottle, the container of this Type of unit is constantly under pressure.






■ Main advantages of the stored pressure fire extinguishers

- Ready for immediate use after the safety pin is pulled out
- Practical devices of standard class of high extinguishing performance
- Easy to use squeeze-grip operation - for carrying and releasing at the same time
- Extinguishing agent container made of high-quality steel
- Hose assembly resistant to aging






■ Details and performance features of the stored pressure fire extinguishers

- External weather-resistant and durable coating
- Holder for extinguishing nozzle integrated into skirt
- Durable brass fitting with integrated test valve
- With wall bracket
- Suitable for electrical installations up to 1000 volts at a minimum distance of 1 m






**SDB 6 . SDB 9** 

- High extinguishing performance (183B) on B-fire (12LE) with only 6 litres capacity.
- Foam with impregnating effect on the source of the fire and the surrounding area
- Special foam nozzle with high surface coverage, enables optimum application of the extinguishing agent.
- Reignition is largely suppressed..
- Areas of application:     


**SD 6 P . SD 9 P . SD 6 E . SD 9 E** 

- High extinguishing performance on A and B fires (SD 6/9 P)
- Foam with impregnating effect on the source of the fire and surroundings
- Special foam nozzle with high surface coverage enables optimum application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application:     

**SD 6 F . SD 9 F** 






- Frost-proof down to -20 °C
- Foam with impregnating effect on the source of the fire and the surrounding area
- Special foam nozzle with high surface coverage enables optimum application of the extinguishing agent
- Reignition is largely suppressed.
- Areas of application:     

**FDA 3 . FDA 6** 






- Burning fat can easily exceed a temperature of more than 1000 °C, is self-igniting and requires a robust and absolutely safe fire extinguisher to prevent flash fires or even fat explosions
- The extinguishing agent, paired with a special atomiser insert, ensures that GLORIA fat fire extinguishers achieve the maximum achievable rating of 75F with a capacity of just 3 litres
- Reignitions are reliably prevented
- GLORIA fat fire extinguishers are frost-proof down to -5 °C
- Yellow colour code indicates fat fire extinguishing agent
- Areas of application:  *










**PD 4 GA . PD 6 GA . PD 9 GA . PD 12 GA**

- Available with and without pressure gauge
- Pressure gauge allows constant visual inspection of the pressure
- With wall bracket as standard
- Optionally available with matching car bracket
- Areas of application:     

**PDE 6 . PDM 6 GX . PD 6 GX**

- Available with and without pressure gauge
- Pressure gauge allows constant visual inspection of the pressure
- With wall bracket as standard
- Optionally available with matching car bracket
- Areas of application:     

**WD 9 . WDPF 9 . WDPH 6 . WDPH 9** 

- Water extinguisher enriched only with a wetting agent (which reduces the surface tension of water), enriched without further additives (Type WD 9)
- With wall bracket as standard
- Optionally available with matching car bracket
- Type WDPF 9 frost-proof to -30 °C
- Areas of application:       

**ÜL 6** 

- For ideal fire prevention training of security personnel in companies and authorities
- Ideal for learning how to handle and operate a fire extinguisher during a practice fire
- Filling: tap water
- With wall bracket as standard



Pressure gauge and test valve



Skirt



Wall bracket



ÜL 6



Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/ Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
SDB 6	813681.0000	Premix	S 6 L	N ₂	21A 183B 6 12	ca. 4 m ca. 42 Sec.	5 °C to +60 °C	ca. 10,5 kg	ca. 540/275/182 mm ø 170 mm
SDB 9	811741.0000	Premix	S 9 L	N ₂	27A 183B 9 12	ca. 4 m ca. 65 Sec.	5 °C to +60 °C	ca. 14,6 kg	ca. 617/300/202 mm ø 190 mm
SD 6 P	813681.0035	Premix	S 6 L	N ₂	34A 144B 10 9	ca. 4 m ca. 35 Sec.	5 °C to +60 °C	ca. 10,5 kg	ca. 540/275/182 mm ø 170 mm
SD 9 P	811741.0035	Premix	S 9 L	N ₂	43A 183B 12 12	ca. 4 m ca. 48 Sec.	5 °C to +60 °C	ca. 14,6 kg	ca. 617/300/202 mm ø 190 mm
SD 6 E	814222.1808	Premix	S 6 L	N ₂	21A 144B 6 9	ca. 4 m ca. 35 Sec.	5 °C to +60 °C	ca. 10,5 kg	ca. 540/275/182 mm ø 170 mm
SD 9 E	814232.1808	Premix	S 9 L	N ₂	27A 183B 9 12	ca. 4 m ca. 48 Sec.	5 °C to +60 °C	ca. 14,6 kg	ca. 617/300/202 mm ø 190 mm
SD 6 F	814201.0000	Premix	S 6 L	N ₂	21A 113B 6 6	ca. 4 m ca. 35 Sec.	-20 °C to +60 °C	ca. 10,9 kg	ca. 540/275/182 mm ø 170 mm
SD 9 F	814211.0000	Premix	S 9 L	N ₂	27A 183B 9 12	ca. 4 m ca. 48 Sec.	-20 °C to +60 °C	ca. 15,1 kg	ca. 617/300/202 mm ø 190 mm
FDA 3	813651.0000	Wet chemical	W 3 L	N ₂	8A 75F 2 9	ca. 4 m ca. 30 Sec.	-5 °C to +60 °C	ca. 6,4 kg	ca. 432/270/165 ø 150 mm
FDA 6	814161.0000	Wet chemical	W 6 L	N ₂	13A 75F 4 9	ca. 4 m ca. 50 Sec.	-5 °C to +60 °C	ca. 12,3 kg	ca. 540/275/182 mm ø 170 mm
PD 4 GA m. M.**	002071.2046	ABC powder	PG 4 L	N ₂	21 A 113 B 5 6	C ca. 6 m ca. 17 Sec.	-30 °C to +60 °C	ca. 6,7 kg	ca. 410/300/165 mm ø ca. 150 mm
PD 6 GA m. M.**	002111.1791	ABC powder	PG 6 L	N ₂	43 A 233 B 12 15	C ca. 6 m ca. 22 Sec.	-30 °C to +60 °C	ca. 9,1 kg	ca. 500/270/165 mm ø ca. 150 mm
PD 6 GA	002101.0000	ABC powder	PG 6 L	N ₂	34 A 233 B 10 15	C ca. 6 m ca. 22 Sec.	-30 °C to +60 °C	ca. 9,1 kg	ca. 500/270/165 mm ø ca. 150 mm
PD 9 GA m. M.**	004041.3152	ABC powder	PG 9 L	N ₂	43 A 233 B 12 15	C ca. 7 m ca. 24 Sec.	-30 °C to +60 °C	ca. 13,7 kg	ca. 610/265/185 mm ø ca. 170 mm
PD 12 GA m. M.**	002151.2046	ABC powder	PG 12 L	N ₂	55 A 233 B 15 15	C ca. 7 m ca. 30 Sec.	-30 °C to +60 °C	ca. 17,3 kg	ca. 590/265/205 mm ø ca. 190 mm
PD 12 GA	002141.0000	ABC powder	PG 12 L	N ₂	55 A 233 B 15 15	C ca. 7 m ca. 30 Sec.	-30 °C to +60 °C	ca. 17,3 kg	ca. 590/265/205 mm ø ca. 190 mm
PDE 6	802211.1831	ABC powder	PG 6 L	N ₂	27 A 183 B 9 12	C ca. 6 m ca. 21 Sec.	-30 °C to +60 °C	ca. 9,1 kg	ca. 510/270/160 mm ø ca. 150 mm
PDM 6 GX	802241.0000	ABC powder	PG 6 L	N ₂	55 A 233 B 15 15	C ca. 6 m ca. 21 Sec.	-30 °C to +60 °C	ca. 9,2 kg	ca. 510/270/160 mm ø ca. 150 mm
PD 6 GX	002111.2879	ABC powder	PG 6 L	N ₂	55 A 233 B 15 15	C ca. 6 m ca. 21 Sec.	-30 °C to +60 °C	ca. 9,5 kg	ca. 500/270/160 mm ø ca. 150 mm
WD 9	801671.0000	Water + Additive	W 9 L	N ₂	21 A 6	ca. 4 m ca. 97 Sec.	-30 °C to +60 °C	ca. 14,8 kg	ca. 525/300/200 mm ø ca. 190 mm
WDPF 9	801661.0000	Water + antifreeze	W 9 L	N ₂	21 A 6	ca. 4 m ca. 63 Sec.	-30 °C to +60 °C	ca. 15,2 kg	ca. 610/310/200 mm ø ca. 190 mm
WDPH 6	801721.0000	Water + Additive	W 6 L	N ₂	43 A 12	ca. 4 m ca. 35 Sec.	+5 °C to +60 °C	ca. 11,0 kg	ca. 540/300/180 mm ø ca. 170 mm
WDPH 9	801731.0000	Water + Additive	W 9 L	N ₂	55 A 15	ca. 4 m ca. 54 Sec.	+5 °C to +60 °C	ca. 15,8 kg	ca. 610/310/200 mm ø ca. 190 mm
ÜL 6***	003061.0000	Water		N ₂		ca. 3-4 m ca. 25 Sec.	0 °C to +40 °C	ca. 12,5 kg	ca. 626/255/205 mm ø ca. 190 mm

* Extinguishing agent units. If fire extinguishers are intended for both fire classes A+B, the lower LE value applies for the calculation.

** With pressure gauge as standard *** Not approved as fire extinguisher, pressurisation with commercially available compressor max. 7 bar

Stored pressure fire extinguisher DIN EN 3, GS, MED , BSI





Powder and foam fire extinguisher in aluminium or steel design

Due to their compact design and simple operation, the units are suitable for use wherever fast and trouble-free operation is required, e.g. in cars, workshops and kitchens.

■ Main advantages of the compact fire extinguishers

- Compact devices of the standard class with high extinguishing performance
- Comfortable operation with one hand or easy activation with a lever – used both for carrying and activation
- High-quality pressure container made of high-strength aluminum or steel
- Extinguishing agent stream can be turned off at any time
- Units can be tested and refilled

■ Details and performance features of the compact fire extinguishers

- External weather-resistant and durable coating 100% polyester resin coating (heavy metal-free) for a long service life
- Smallest external dimensions thanks to special valve and container design
- Valve body made of high-strength materials
- Areas of application:  

FDA 2*

- With pressure gauge (enables visual pressure control)
- Environmentally friendly due to targeted and metered application of the extinguishing agent
- Extinguishing agent: 2 litres of special extinguishing agent without environmentally harmful PFOS
- Can be used on electrical installations up to 1000 volts, minimum distance 1 m
- With sturdy bracket



F 2 GM . F 2 G . F 1 G

- Stable carrying handle with colour-coded operating elements (Easy Action)
- Rounded edges according to automotive industry specifications
- Comfortable one-hand operation (unlocking and release possible with one hand)
- Aluminum container (Type F 1 G) with approx. 20 % weight saving compared to steel



P 2 GM . P 2 G . P 1 GM

- Rounded edges according to automotive industry specifications
- Comfortable one-hand operation (unlocking and release possible with one hand)



PD 2 GA . PDE 1 GA

- Carrying handle with operating lever made of steel plate, painted red
- With pressure gauge
- Simple squeeze-grip operation



F 2 GM . F 2 G . P 2 GM . P 2 G . PD 2 GA can also be used for GGVS transports

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE**	Discharge time/ Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
FDA 2	811531.0000	Wet chemical	W 2 L	N ₂	5A 40F 1 3	ca. 2 m/ ca. 12 Sec.	-5 °C to +60 °C	ca. 4,2 kg	ca. 375/131/113 mm ø 113 mm
F 2 GM***	001873.0000	ABC powder	PG 2 L	N ₂	13A 89 B C 4 5	ca. 4 m ca. 15 Sec.	-30 °C to +60 °C	ca. 3,5 kg	322/115/145 mm ø 110 mm
F 2 G	001863.0000	ABC powder	PG 2 L	N ₂	13A 89 B C 4 5	ca. 4 m ca. 15 Sec.	-30 °C to +60 °C	ca. 3,5 kg	322/115/145 mm ø 110 mm
F 1 G	001403.0000	ABC powder	PG 1 L	N ₂	8A 34 B C 2 2	ca. 4 m ca. 9 Sec.	-30 °C to +60 °C	ca. 1,6 kg	270/95/124 mm ø 90 mm
P 2 GM***	001473.0000	ABC powder	PG 2 L	N ₂	13A 89 B C 4 5	ca. 4 m ca. 15 Sec.	-30 °C to +60 °C	ca. 3,5 kg	322/111/145 mm ø 110 mm
P 2 G	001463.0000	ABC powder	PG 2 L	N ₂	13A 89 B C 4 5	ca. 4 m ca. 15 Sec.	-30 °C to +60 °C	ca. 3,5 kg	322/111/145 mm ø 110 mm
P 1 GM***	001443.0000	ABC powder	PG 1 L	N ₂	8A 34 B C 2 2	ca. 4 m ca. 9 Sec.	-30 °C to +60 °C	ca. 2,1 kg	270/95/120 mm ø 90 mm
PDE 1 GA***	001393.0000	ABC powder	PG 1 L	N ₂	8A 34 B C 2 2	ca. 4 m ca. 9 Sec.	-30 °C to +60 °C	ca. 2,1 kg	280/93/135 mm ø 90 mm
PD 2 GA***	001493.0000	ABC powder	PG 2 L	N ₂	13A 70 B C 4 4	ca. 4 m ca. 9 Sec.	-30 °C to +60 °C	ca. 3,4 kg	330/115/155 mm ø 110 mm

* For kitchen operations with deep-fat fryers up to 50 litres, the DGUV (regulation GUV-R111) regulates the use of at least one fire extinguisher with proven suitability for extinguishing cooking oil and cooking fat fires. for extinguishing cooking oil and cooking fat fires with a preferred capacity of 6 litres. For deep-fat fryers with a capacity of up to 100 litres For deep-fat fryers with a capacity of up to 100 litres, at least three fire extinguishers with proven suitability or a stationary extinguishing device must be provided. | **Extinguishing agent units. If fire extinguishers are provided for both fire classes A+B, the lower LE value applies for the calculation. | ***With pressure gauge as standard

Cartridge operated fire extinguishers EN 1866, MED , BSI







Foam fire extinguishers in mobile design

The large mobile extinguishers with high extinguishing efficiency are particularly suitable for areas with high fire spread such as hazardous materials stores, laboratories, transformers, and in all areas of aviation.

■ Main advantages of the mobile foam extinguishers

- Certified according to EN 1866
- Designed for practical use by one person
- Space-saving accommodation of the hose assembly around the extinguishing agent container
- Rotatable and adjustable extinguishing pistol enables targeted fire fighting
- Extinguishing agent container completely made of "stainless" steel
- Tilt-proof due to optimal center of gravity
- Film-forming extinguishing agent, especially suitable for liquid fires

■ Details and performance features of the mobile foam extinguishers

- External weather-resistant and durable coating
- Large wheels (30 cm), ideal for height differences
- Depending on the type, optional 5 or 10 m high-pressure hose for flexible use
- Built-in safety valve in locking unit
- Safe storage of the N₂ propellant bottle in the retaining bracket
- Areas of application:    

SEF 50 S . SDE 50 S

- Fluorine-free
- MED approval
- Standardised extinguishing pistol with foam tube
- With extinguishing pistol, also for electrical installations up to 1000 volts / minimum distance 1 m
- Pressure content product less than 1000, therefore no ZÜS test necessary



Swivel castor and Upright



SK 50 S

- Type SK with environmentally friendly, easy-to-maintain piston cartouche
- With steering control for maximum manoeuvrability, even at hard-to-reach sources of fire
- Separate storage of foam concentrate and water thanks to patented piston cartouche
- Environmentally friendly maintenance and easy refilling of the extinguisher
- The mobile fire extinguisher can be reused when refilling
- Long-lasting foam concentrate with consistently high extinguishing performance
- 100% mixing of the extinguishing agent thanks to the piston principle, even with high viscosity
- Type SK 50 S with marine approval (MED)
- Pressure content product less than 1000, therefore no ZÜS test required
- Suitable for use on electrical installations up to 1000 volts / minimum distance 1 m



Rotatable and stoppable extinguishing pistol






Cartridge



Wide stand



Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE**	Discharge time/ Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
 SK 50 S	5 m: 810868.2969 10 m: 810869.2969	Foam concentrate + Water	S 50 H	N ₂	IV B 50	ca. 8 m ca. 300 Sec.	5 °C to +60 °C	ca. 84 kg	1050/565/675 mm ø 400 mm
 SEF 50 S	5 m: 810896.2851 10 m: 810899.2851	Premix	S 50 H	N ₂	IV B 50	ca. 8 m ca. 270 Sec.	5 °C to +60 °C	ca. 82 kg	1150/475/570 mm ø 315 mm
 SDE 50 S	5 m: 810870.2851 10 m: 810871.2851	Premix	S 50 L	N ₂	IV B 50	ca. 8 m ca. 240 Sec.	5 °C to +60 °C	ca. 80 kg	1140/450/550 mm ø 315 mm

* May only be used on de-energised systems. Also suitable for use with polar solvents.

** Extinguishing agent units. If fire extinguishers are intended for both fire classes A+B, the lower LE value applies for the calculation.

Cartridge operated fire extinguishers EN 1866, MED







Powder fire extinguisher in mobile design

The ideal unit for the use on larger fire objects, e.g. industrial plants, warehouses, large/underground garages, parking garages, and heating systems

■ Main advantages of the mobile powder extinguishers

- Tested according to EN 1866
- Designed for practical use by one person
- Space-saving accommodation of the hose assembly around the extinguishing agent container
- Tilt-proof due to optimal/favorable center of gravity
- Rotatable and adjustable extinguishing pistol enables targeted fire fighting

■ Details and performance features of the mobile powder extinguishers

- External weather-resistant and durable coating
- Large wheels (30 cm), ideal for height differences
- Depending on the type, optional 5 or 10 m high-pressure hose for flexible use
- Areas of application:    

P 50 G/5/10 . P 50 SV/5/10 . P 50 M/10

- Pressure content product less than 1000, therefore no ZÜS test is necessary
- Safe storage of the N₂ propellant bottle in the retaining bracket
- Built-in safety valve in locking unit
- Large maintenance-friendly filling opening
- With guide roller for maximum mobility, even in hard-to-reach fire areas
- Type P 50 G with marine approval (MED)
- Throwing height approx. 10 m (Type P 50 G)
- Type P 50 SV with high-quality potassium sulfate powder, suitable for combined use with foam, with marine approval
- Type P 50 M with applicator tube for metal fires and 10 m hose



Rotatable and stoppable extinguishing pistol



Guide roller and safe stand



Safe stand

**PEF 50/5/10 . PEF 100/10**

- Pressure content product less than 1000, therefore no ZÜS test is necessary (PEF 50)
- Adjustable attack device, throwing height approx. 5 m
- Types PEF 50, PEF 100 with marine approval (MED)

**PDE 25/5 . PDE 50/5/10**

- optional available with 5 or 10 m high pressure highly flexible hose made of EPDM rubber for flexible use

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
P 50 G	5 m: 000901.2969 10 m: 000906.2969	ABC powder	PG 50 H	N ₂	IV B 60**	ca. 11 m ca. 90 Sec.	-30 °C to +60 °C	ca. 82 kg	1070/475/560 mm ø 300 mm
P 50 SV	5 m: 000901.2975 10 m: 000906.2975	BC powder	P 50 H	N ₂	IV B 60**	ca. 10 - 12 m ca. 90 Sec.	-30 °C to +60 °C	ca. 82 kg	1070/475/560 mm ø 300 mm
P 50 M	10 m: 000907.2976	D powder	PM 50 H	N ₂	D	Streu. ca. 90 Sec.	-30 °C to +60 °C	ca. 82 kg	1070/475/560 mm ø 300 mm
PEF 50	5 m: 000900.2851 10 m: 000906.2851	ABC powder	PG 50 H	N ₂	IV B 60**	ca. 6 m ca. 40 Sec.	-30 °C to +60 °C	ca. 84 kg	1050/465/550 mm ø 300 mm
PEF 100	10 m: 000820.2851	ABC powder	PG 100 H	N ₂	IV B 125**	ca. 10 - 12 m ca. 75 Sec.	-30 °C to +60 °C	ca. 120 kg	1290/550/770 mm ø 300 mm
PDE 25	5 m: 000881.2851	ABC powder	PG 25 L	N ₂	IV B	ca. 10 - 12 m ca. 21 Sec	-30 °C to +60 °C	ca. 55 kg	1025/390/550 mm ø 245 mm
PDE 50	5 m: 000923.2851 10 m: 000924.2851	ABC powder	PG 50 L	N ₂	IV B	ca. 10 - 12 m ca. 42 Sec	-30 °C to +60 °C	ca. 84 kg	1065/490/670 mm ø 300 mm

* extinguishing agent units. If fire extinguishers are provided for both fire classes A+B, the lower LE value applies for the calculation.

** Calculated on the basis of Type PEF 50.

Stored pressure fire extinguisher EN 1866, MED







Carbon dioxide fire extinguisher in mobile design

The large mobile extinguishers with high extinguishing efficiency are particularly suitable for areas with high fire spread such as hazardous materials stores, laboratories, transformers, and in all areas of aviation.

■ Main advantages of carbon dioxide fire extinguishers

- Approved in accordance with EN 1866
- The snow horn enables a targeted extinguishing agent application
- Maximum mobility due to large, wide wheels
- Ideal for marine industry: removable frame

■ Details and performance features of the carbon dioxide fire extinguishers

- Compressed gas tank exterior with a weather-resistant and durable coating
- Extinguishing agent container with safety plates, test pressure 250 bar
- Excellent stability due to a robust tube frame
- Built-in safety valve in locking unit
- Suitable for electrical installations up to 1000 volts at 1 m minimum distance, above this observe DIN VDE 0132
- Areas of application:    

CF 10 . CF 20 . CF 30 C . CF 50

- Devices are quickly ready for use due to the rotary valve
- Extinguishing agent stream can be turned off at any time by valve lever
- Additional handles on the insertion tube allow safe and optimal operation
- High-pressure hose as standard:

Type

CF 10 mit 6 m

CF 20 mit 6 m

CF 30 C mit 10 m

CF 50 mit 10 m







Protected rotary valve



Wide, stable wheels, high mobility



Extinguishing agent stream can be shut off by valve lever

Type	Art.-No.	Extinguishing agent	Model	Propellant	Performance LE*	Discharge time/Discharge range	Temperature range	Total weight	H/W/D in bracket ø - cylinder
 CF 10 / 6	000798.2851	CO ₂	K 10	CO ₂	144 B 9	ca. 4 m ca. 17 Sec.	-30 °C to +60 °C	ca. 42 kg	920/350/1050 mm ø 154 mm
 CF 20 / 6	000766.2851	CO ₂	K 20	CO ₂	2 x 144 B 18*	ca. 5 m ca. 27 Sec.	-30 °C to +60 °C	ca. 72 kg	1000/490/1050 mm ø 232 mm
 CF 30 C / 10	000802.2969	CO ₂	K 30	CO ₂	3 x 144 B 27*	ca. 5 m ca. 30 Sec.	-30 °C to +60 °C	ca. 98 kg	1250/500/700 mm ø 267 mm
 CF 50 / 10	000809.2851	CO ₂	K 50	CO ₂	5 x 144 B 45*	ca. 6 m ca. 52 Sec.	-30 °C to +60 °C	ca. 140 kg	1420/600/1400 mm ø 267 mm

* LE = Determination of the extinguishing agent units (LE) on the basis of performance type CF 10

GLORIA fire blankets are characterised by the highest quality. GLORIA fire blankets can be used for fires and fat fires in commercially available deep fryers and fat fryers with a maximum capacity of 3 litres, as long as it is still possible to approach the source of the fire safely in the event of an emergency.

A GLORIA fat fire extinguisher should therefore always be at hand.

■ Usage in private sector

Additional protection for the use of commercially available deep fat fryers and fat fryers to max. 3 l capacity, e.g. on the kitchen stove, kitchen cooker, for fondue, deep-frying, frying and in galleys on watercraft

■ Product- and Performance features

- Fire blanket made of silicone-coated glass fibre fabric approved according to DIN EN 1869:2001.
- With sewn-on tabs for quick removal of the blanket from the box and further handling
- Weight per unit area approx. 340/m²
- In the sturdy hard box with hanging cut-outs
- With instructions for use in German/English/French, folding instructions on the back
- Suitable for commercially available deep fryers and fat fryers to max. 3 l capacity
- Also suitable for extinguishing fires that spread to personal clothing
- Continuous quality controls including fire tests by an independent testing institute

For kitchens with deep fryers with a capacity of up to 50 l, the DGUV (Rule GUV-R111) regulates the use of at least one fire extinguisher with proven suitability for extinguishing cooking oil and cooking fat fires with a preferred capacity of 6 l to be kept available.

Information on our powerful fat fire extinguishers can be found on page 20ff of this product range.



Fire blanket GLD 1



Fire blanket GLD 120

Type	Art.-No.	Dimensions	Weight	Size of box W x H x D
Fire blanket GLORIA GLD 1	002515.1218	1200 x 1800 mm	ca. 1 kg	17,5 x 20,5 x 4,8 cm
Fire blanket GLORIA GLD 120	002515.1212	1200 x 1200 mm	ca. 0,7 kg	17,5 x 20,5 x 4,8 cm



It is recommended to practice the use of a fire blanket as a precaution in case of emergency without fire according to the instructions for use. Incorrect handling carries the risk of burns. Fire blankets are unsuitable for personal fires! The DGUV recommends the use of fire extinguishers with a minimum distance of 2-3 m for personal fires.

Fire extinguisher protective cover

Fire extinguisher all-plastic-protective cover KWH-6 and FS-6/EK

Ideally suited for protecting portable fire extinguishers, for wall mounting.

- The upper part is made of crystal-clear plastic, material PETG.
- The grey bottom part is made of PS-PE, 3 mm thick.
- The back part is equipped with 2 x tension fasteners and 2 x grooves for handles.
- Sealing of the fasteners is possible
- Temperature resistant from -20 °C to +60 °C

KWH-6

The following units fit into the cover:

6 kg Powder	EASY, PRO, STAR, F6, P6, PD6, PDE6, PS6, PSE6
9 kg Powder	PRO, STAR, PS9
6 l Foam	EASY, PRO, STAR, SDE6, SD6, SKK6
CO ₂	2 kg Alu, 2 kg Stahl

FS-6/EK

The following units fit into the cover:

6 kg Powder	PD6, P6 EASY, PH6 EASY, P6 PRO
6 l Foam	SE+6P, SK6P, SH6P
6 l Water	WH6P



KWH-6 and FS-6 E/K

Fire extinguisher plastic protection cover KWH-12

Cover for protecting portable fire extinguishers, for wall mounting. Suitable for almost all GLORIA fire extinguishers to 12 kg, also 5 kg CO₂ (only aluminium version).

- The top part is made of crystal-clear plastic, material PETG
- The 3 mm thick bottom part is made of PS material
- Back part with 2 tension locks made of metal, chromated
- Sealing of the fasteners is possible
- Temperature resistant from -20 °C to +60 °C

KWH-12

The following units fit into the cover:

12 kg Powder	EASY, PRO, STAR, PD12
9 kg Powder	EASY, PRO, STAR, PD9
9 l Foam	EASY, PRO, STAR, SDE9, SD9
9 l Water	EASY, PRO, STAR, WD9
CO ₂	5 kg Alu



KWH-12

Type	Art.-No	Dimensions, outside (H x W x D in mm)	Dimensions, inside (H x W x D in mm)	Weight (in g)
Fire extinguisher protective cover KWH-6	002511.0001	670 x 365 x 220	630 x 310 x 175	1400
Fire extinguisher protective cover FS-6/EK	002511.0000	620 x 320 x 210	580 x 265 x 160	1390
Fire extinguisher protective cover KWH-12	002520.0000	800 x 360 x 220	760 x 310 x 210	1800

Fire extinguisher protective cover Truckbox compact - ideal for transporting hazardous goods

To protect and maintain the value of portable fire extinguishers from weather conditions.

- Lightweight and extremely compact design
- Red box injection moulded from polypropylene, with metal base plate - 100 % recyclable
- Tried and tested foam inserts and an additional strap secure the extinguisher against vibration
- Triple protection with two elastic rubber closures and additional protection
- Fire extinguisher symbol embossed in the lid
- Suitable for left and right opening due to 180° rotation
- Temperature resistant from -40 °C to +80 °C
- With the installation instructions, packaged individually in cardboard boxes

Truckbox

Can be used for GLORIA 6 kg fire extinguishers of the lines PRO and STAR with the Types P/PH/PX as well as the Types PS/PSE/PD



Truckbox

Fire extinguisher protective cover Bigbox for wall and vehicle mounting

To protect and maintain the value of portable fire extinguishers from the effects of weather conditions

- Lightweight and practical design
- Impact-resistant polypropylene, REACH-compliant
- Protection against splashing due to the rubber seal around the perimeter
- Top part red with viewing window, connected to the hinges to the bottom part
- Bottom part black
- Box can be optionally sealed
- Two ergonomic latches with strong lever action against unintentional opening
- With the installation instructions, packaged individually in cardboard boxes
- Temperature resistance depending to the information on the fire extinguisher
- Made in the EU



Bigbox

Additional features BigBox

- With TÜV sticker (vibration test confirmed by TÜV Rheinland).
- A nylon strap (red) with tension lock and extra scratch protection is used to fix the fire extinguisher.
- Fire extinguisher symbol embossed twice in the lid
- Suitable for left- and right-hand opening due to 180° rotation
- When attached to the vehicle, the set weight of a fire extinguisher is limited to 12 kg
- Can be used for many GLORIA powder and wet extinguishers to 9 kg / l capacity (see table on the right)

Bigbox

Fits the following units with diameters from 140-195 mm

4 kg	Stored pressure extinguisher
6 kg	Cartridge-operated extinguisher EASY, PRO, STAR
6 kg	Stored pressure extinguisher
9 kg	Cartridge-operated extinguisher EASY, PRO, STAR
9 kg	Stored pressure extinguisher
3 l	Cartridge-operated extinguisher
6 l	Cartridge-operated extinguisher EASY, PRO, STAR
6 l	Stored pressure extinguisher
9 l	Cartridge-operated extinguisher EASY, PRO, STAR
9 l	Stored pressure extinguisher

Additional features BigBox XL

- A tension belt with quick release button (red) is used to fix the fire extinguisher in place
- Sticker with fire extinguisher symbol according to ISO 7010 included in scope of delivery
- When attached to the vehicle, the set weight of a fire extinguisher is limited to 15 kg
- Can be used for many GLORIA powder and wet extinguishers to 12 kg or 9 l capacity (see table below).

BigBox XL

Fits the following units with diameters of at least 140 mm-195 mm

12 kg	Stored pressure extinguisher
12 kg	Cartridge-operated extinguisher EASY, PRO, STAR
9 l	Cartridge-operated extinguisher EASY, PRO, STAR
9 l	Stored pressure extinguisher
5 kg	Carbon dioxide Type KS 5 SE with flat snow horn



Bigbox XL

Type	Art.-No	Dimensions, exterior (H x W x D in mm)	Dimensions, interior (H x W x D in mm)	Weight (in g)
Truckbox, compact	002513.0000	560 x 300 x 180	540 x 250 x 160	2500
Bigbox	002513.0001	643 x 279 x 227	585 x 230 x 190	2500
Bigbox XL	002513.0012	770 x 310 x 260	700 x 200 x 210	4900

■ **Material:**

- Polyester
- waterproof
- UV-resistant



Grid foil, for 6 kg units

Textile protective covers, for 6 kg units



Textile protective covers,
for 12 kg units



Textile protective covers,
for 50 kg units

Type	Art.-No
Textile protective cover, orange, for 6 kg units	925704.0000
Textile protective cover, yellow, for 6 kg units	925705.0000
Grid foil, transparent, for 6 kg units	902200.0000
Textile protective cover, orange, for 12 kg units*	925661.0000
Textile protective cover, yellow, for 12 kg units*	925662.0000
Grid foil, transparent, for 12 kg units*	902210.0000
Textile protective cover, yellow, for 50 kg units	925663.0000
Textile protective cover, orange, for 50 kg units	925664.0000

* also 5 kg CO2 (aluminium version)only)



Decorative stand column Stainless steel

- High-quality, compact pedestal made of non stainless steel 1.4301
- For space-saving, quick and decorative storage of a portable fire extinguisher.



Fire extinguisher stand metal

- Fire extinguisher stand black lacquered
- Square base
- With bracket for fireextinguisher with 3/6/9 l or 4/6/9/12 kg capacity
- With plastic glides on the base
- Also suitable for KS 5









Design Stand







The shapely, timeless design, the variable removal height of the fire extinguishers and good stability make this stand stand out.

- For portable fire extinguishers with 3/6/9 l or 4/6/9/12 kg capacity
- Also for 5 kg CO2 extinguishers (aluminium version only).
- Colour: Black RAL 9005
- High-quality lacquer finish
- With fastening possibility on the floor

Type	Art.-No	Dimensions	Packaging size
Decorative stand column, stainless steel	002564.0000	Height: 800 mm, ø: 305 mm	1 piece
Fire extinguisher metal stand	002566.0036	Height: 780 mm, Poistional dimension: 450 x 330 mm	5 piece
Design Stand	002538.0000	Height: 700 mm, Base ø: 300 mm	1 piece

Illustration	Type	Art.-No.	Areas of application
	Wall bracket	300150.0000	For all portable fire extinguishers (Exception: car fire extinguishers and 2 kg CO2 fire extinguishers)
	Wall hook	151165.0000 151166.0000	KS 2 (aluminium and steel) from approx. October 2009 KS 5 (steel) from October 2009
	Car bracket, lacquered (Adjustable tensioning strap)	352988.0000 354930.0000	Ø 150 mm, for 6 kg powder fire extinguishers of the STAR/PRO/EASY lines, P 6, PSE 6, PS 6, PEP 6, Pi 6, PSP 6, conditionally also for PD 6, PDE 6 and PG 6 DB
	Car bracket, lacquered *	353078.0000	Ø 150 mm, for 6 kg powder fire extinguishers such as PD 6, PDE 6
	Car bracket, lacquered *	353082.0000	Ø 150 mm, for 6 litre wet fire extinguishers from the STAR/PRO/EASY lines, SKK 6, SE 6, Si 6, Wi 6, SD 6
	Car bracket, lacquered *	353080.0000 356860.0000 with slotted hole	Ø 150 mm, for 4 kg powder fire extinguishers and 3 litre wet extinguishers such as PD 4, FB 3 EASY, SFi 3, W 3 D
	Car bracket, lacquered *	352768.0000	Ø 170 mm, for 9 kg Powder fire extinguishers of the STAR/PRO/EASY Lines, PS 9, PSE 9, PD 9 and PG 9 DB
	Car bracket, lacquered *	354496.0000	Ø 170 mm, for 6 l Wet fire extinguishers like S 6, W 6, S 6 D, Si 6 DWB, Wi 6 DB, SDPHE 6
	Car bracket, lacquered *	353084.0000	Ø 190 mm, for 12 kg Powder fire extinguishers and 9 l Wet extinguishers from the STAR/ PRO/EASY Lines, P 12, PS 12, PEP 12, PSP 12, Pi 12, PD 12, PDE 12, SKK 9, SE 9, Si 9, Wi 9, W 9 D, S 9 D, SDPHE 9, WDPF 9, SHKE 9, SDPHE 9
	Car bracket, lacquered *	356696.0000	Ø 190 mm, for 9 l Wet fire extinguishers like SD 9, WD 9
	Car bracket, lacquered * Adjustable tensioning strap	353887.0000	Ø 152 mm, for KS 5 SE (aluminium version)
	Ship bracket, lacquered, Adjustable tensioning strap	302290.0000	Ø 150–170 mm, for 6 kg Powder fire extinguishers of the STAR/PRO/EASY Lines, P 6, PSE 6, PS 6, PEP 6, Pi 6, PSP 6, PD 6, PDE 6, 6 l Wet extinguishers from the STAR/PRO/EASY Lines, SKK 6, SE 6, Si 6, Wi 6, SD 6, KS 5 SE (aluminium version), conditionally also KS 5 ST (steel version) However, the tensioning strap sits very low
	Ship bracket, lacquered	338450.0000	Ø 150 mm, for 6 kg Powder fire extinguishers of the STAR/PRO/EASY Lines, P 6, PSE 6, PS 6, PEP 6, Pi 6, PSP 6, PD 6, PDE 6, Ø 150 mm, for 6 l Wet extinguishers from the STAR/PRO/EASY Lines, SKK 6, SE 6, Si 6, Wi 6, SD 6

* Illustration similar

Illustration	Type	Art.-No.	Areas of application
	Ship bracket, lacquered	338460.0000	Ø 190 mm, for 12 kg Powder fire extinguishers and 9 l Wet fire extinguisher of the STAR-/PRO-/EASY-Lines, P 12, PS 12, PEP 12, PSP 12, Pi 12, PD 12, PDE 12 (as well as PS 9, PD 9 until approx. end of 2003), SKK 9, SE 9, Si 9, Wi 9, W 9 D, S 9 D
	Wire bracket, lacquered (for bus/train/ship/ construction vehicles)	310410.0000	Ø 150 mm, for 6 kg Powder fire extinguisher of the STAR-/PRO-/EASY- Lines, P 6, PS 6, PEP 6, Pi 6
	Wire bracket	356166.0000	Ø 117 mm, for KS 2 (aluminium version) with a bottle height of 412 mm, from approx. January 2004
	Wire bracket *	356199.0000	Ø 104 mm, KS 2 (steel version), from January 2009
	Wire bracket *	353810.0000	Ø 117 mm, KS 2 (aluminium version), with a bottle height of 440 mm, from approx. June 2002 to December 2003
	Wire bracket	351699.0000	Ø 108 mm, S 2 LW, from approx. February 1997
	Special bracket, lacquered (for bus/train/ship/ construction vehicles)	355344.0000	Ø 150 mm, 6 kg Powder fire extinguisher of the STAR-/PRO-/EASY-Lines, PSE 6, PS 6, PK 6 P
	Special bracket, lacquered (for bus/train/ship/ construction vehicles)	351553.0000	Ø 150 mm, for 6 kg Powder fire extinguisher like F 6, der STAR-/PRO-/EASY- Lines, PSE 6, PS 6 Ø 150 mm, 6 l Wet fire extinguisher of the STAR-/PRO-/EASY-Lines, SKK 6, SE 6, Si 6, Wi 6, SD 6

* Illustration similar

Illustration	Type	Art.-No.	Areas of application
	Car bracket, 2-part consisting of:	350937.0000	F1/P1 (aluminium container)
	Bracket back part (single)	148969.0000	F1/P1 (aluminium container)
	KS tensioning strap (single)	350757.0000	F1/P1/PDE 1
	Bracket back part (single)	150164.0000	PDE 1 (steel container)
	Car bracket, 3-part consisting of:	350938.0000	F2/P2/PD 2
	Bracket back part (single)	148984.0000	F2/P2/PD 2
	KS tensioning strap (single)	350789.0000	F2/P2/PD 2
	Car bracket, 2-part consisting of:	351344.0000	P2/PD 2
	Wire bracket (single)	350482.0000	P2/PD 2
	KS tensioning strap (single)	350789.0000	F2/P2/PD 2
	Textile tensioning strap (single)	350120.0000	F2/P2/PD 2
	Textile tensioning strap (with lobster clasp)	319400.0000	P2/PD 2
	Metal tensioning strap	312320.0000	F2/P2/PD 2
	Press tensioning strap (with automatic quick-release fastener)	317400.0000	F2 / P2 / PD 2

The GLORIA Safety Flashlight for Emergencies!

High-quality branded device for securing danger zones in private areas, e.g. in the event of accidents, especially at night. Ideally suited for self-protection or marking on private property or company premises. Objects. Not approved for use on public roads.



Waterresistant and floatable

■ Main advantages

- 16 ultra-bright, red LED lights
- Visibility at night to approx. 1000 m in a straight line at good weather conditions
- Maximum battery life of up to 70 hours (depending on lighting mode)
- Dust and water resistant, floating

■ Details and features

- 9 lighting modes: rotation, dual blinking, single blinking, alternating light, SOS Morse code, continuous light: 1 x high and 1 x low brightness, an activated flash light function with 2 or 4 LEDs
- Ready for immediate use thanks to powerful 3V lithium battery type CR 123A
- Very good temperature resistance from -40°C to +60°C
- With hanging loop
- Easy to operate
- Recessed switch (prevents unintentional operation)
- Extremely break-proof and resilient thanks to the use of high-strength plastics and flexible TPR plastic protection
- 360° field of vision
- All materials used are REACH-compliant
- Very compact external dimensions (dimensions Ø approx. 10.5 cm, height 3.5 cm)
- Lightweight at only 200 g
- German/English operating instructions
- An illustrated instructions manual for quick and easy battery replacement

Type	Art.-No.	Light programmes	Number of LEDs	Functional duration depending on light programme	Dimensions (ø x h)	Weight	Temperature range	Battery
WB red LED	002519.0000	9	16	up to 70 hours	105 x 35 mm	ca. 200 g	-40°C to +60°C	3 V lithium battery CR 123 A

Fire simulation with the FTR50 DIN 14097 - GDG, DIN VDE 100-410

The GLORIA FTR50 is a compact fire simulator – it is ideally suited for practical training in the field of fire protection and instructions for employees, as well as preparing presentations for customers.

The fire simulator also offers reliable and easy operation and universal mock-ups.

■ Areas of application

- Training courses
- Instruction
- Customer and company presentations

■ Product and performance features

- Easy and safe one-hand operation
- A wide range of available simulation mock-ups
- Easy to transport thanks to its compact design (fits in a car trunk)
- It can be operated by one person
- Made of high quality stainless steel, easy to clean

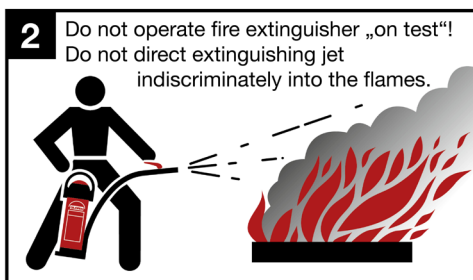
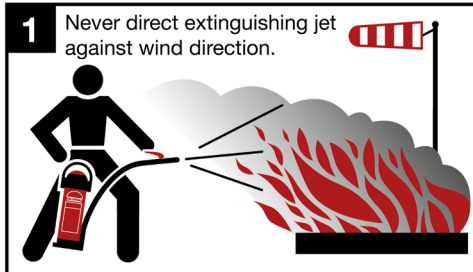
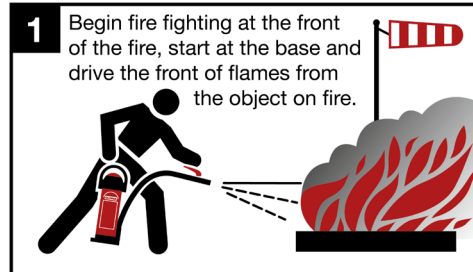










Basic module FTR50 consisting of:

- Basic unit
- Area fire mock-up
- Two cables for power and gas supply
- One control unit with 10 m cable
- Two bags



Type	Art.-No	Material	Dimensions (H x W x D)	Weight	Power supply
Basic module FTR50 consisting of Tub Area fire mock-up Cable	002567.0000	Stainless steel	235 x 505 x 505 mm	22 kg 1,7 kg 4,5 kg	220V / 50Hz
1 Fat fire mock-up	927421.0000	Stainless steel	580 x 230 x 280 mm	5 kg	--
2 Monitor mock-up	927892.0000	Stainless steel	610 x 600 x 290 mm	10 kg	--
3 Campfire mock-up	927423.0000	Stainless steel	H: 80 mm Ø: 500 mm	18 kg	--
4 Aerosol container mock-up	927424.0000	Stainless steel	600 x 220 x 220 mm	8 kg	--
5 Electric motor mock-up	927425.0000	Stainless steel	360 x 380 x 240 mm	9 kg	--
6 Pipe burst mock-up	927426.0000	Stainless steel	340 x 280 x 160 mm	4,5 kg	--
7 Trash bin mock-up	927427.0000	Stainless steel	300 x 300 x 300 mm	5,5 kg	--
8 Aerosol cartouche	927896.0000	Aluminium	175 mm / Ø 65 mm		

wrong**correct**

		 A Fires caused by combustion of solid material, mainly of organic origin, which normally burn under production of embers, e.g. car tyres, straw, wood, paper, coal, textiles	 B Fires caused by combustion of liquids or materials that liquify, e.g. ether, alcohol, petrol, benzene oils, fats, paints, tar, stearin, paraffin	 C Fires caused by combustion of gases, e.g. acetylene, natural gas, methane, propane, city gas, hydrogen	 D Fires caused by combustion of metals, e.g. aluminium, potassium and their alloys, lithium, magnesium, sodium	 F Fires caused by combustion of cooking oils and cooking fat
Powder fire extinguisher with ember extinguishing powder	PG	●	●	●		
Powder fire extinguisher with metal extinguishing powder	PM				●	
Powder fire extinguisher with special powder	P		●	●		
CO₂ fire extinguisher	K		●			
Water fire extinguisher 	W	●				
Fat fire extinguisher with special liquid extinguishing agent 	F	●				●
Fluorine-free foam fire extinguisher 	S	●	●			

Explanation of symbol: ● suitable and authorised

Fire extinguishers must be serviced after use or accidental operation, latest after two years e.g. by an authorized GLORIA service agent. They have to be made ready for use again.

In commercial use, a periodical maintenance after latest two years - even at non-use - is mandatory acc. to DIN 14406, Part 4



Safety first

For eight decades, we have been the right point of contact for all matters relating to preventive fire protection. During this time, we have been able to gain a wealth of experience, optimise our products and adapt them to current requirements.

Our focus are fire extinguishers, of which we offer a wide range of portable and mobile models.

Another main focus is on our smoke and CO detectors from our own production. These are highly reliable and come with manufacturer's warranties of up to 10 years. With our sophisticated range of accessories and spare parts, we create the safety you need.

The portfolio is rounded off by both internal and external training courses and seminars. Especially with our VR Fire Trainer, we are breaking new ground and setting the course for a new type of fire extinguishing training in the virtual world.



Portable Fire Extinguishers



Mobile Extinguishers



Smoke detectors



CO detectors



**Training, Seminars,
Information**



**Accessories, Spare Parts,
Extinguishing water systems „dry“**



VR Fire Trainer

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