

# GLORIA®

Safety First



GLORIA product offer

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DRAFT



## Tradition – Innovation – Quality

Our position as a leading European manufacturer and distributor of fire extinguishing devices and other means of fire protection is based on tradition, experience and expertise dating back to 1945.

Products of the highest quality, customer orientation and innovation are the key factors leading to this success.

**We combine tradition with innovation.**

GLORIA offers a customised programme for preventive fire protection in all areas of industry and craft, commerce and administration and also in individual households. Thanks to GLORIA's service network of nearly 400 authorised distribution and service partners, GLORIA guarantees constant readiness to use of your fire extinguishing devices and systems as well as competent and qualified on-site advice in matters related to fire protection.

Our product range includes portable and mobile fire extinguishing devices, smoke detectors and accessories such as covers and stands. We also offer fire extinguisher containers, fire extinguishing systems for protection of buildings, wall hydrants, pressure boosting systems and stationary extinguishing systems. Our offer is complemented by regional and central trainings as well as a wide range of services.

## Fire extinguishers and maintenance

All fire extinguishers are type-tested and approved in Germany.

This inspection confirms that these devices meet certain minimum requirements. In addition, the maximum extinguishing performance is determined for different classes of fire.



The readiness to use of the fire extinguishers must be ensured by experts in accordance with DIN 14406-4 at regular intervals which cannot exceed a period of two years. This so-called maintenance is regulated by DIN 14 406, Part 4, and by the German Ordinance on Occupational Health and Safety. Regular maintenance is also recommended for individuals or individual households to ensure the safety of you and your family.

## GLORIA network

Authorised GLORIA distribution and service partners offer you:

- Comprehensive local advice in all matters relating to preventive fire protection
- Instructions for use of portable fire extinguishers
- Expertise in accordance with DIN 14406, Part 4 through education and regular supplementary training
- Approved extinguishing agents, propellants and spare parts
- Inspections, lining control, maintenance of fire extinguishers and other fire fighting products
- Trained on an ongoing basis and experienced technicians



## GLORIA – Always the right decision!

GLORIA is Europe's one of the largest fire extinguishers brands located in the Westphalian town Wadersloh. Founded in 1945 and well-known as an established company even beyond the national borders, GLORIA offers an extensive portfolio of portable and wheeled fire extinguishers, fire systems for vehicles and property protection systems, hose reels and hydrant cabinets.

GLORIA offers safety professionals and fire safety experts a customized program for fire prevention. Our nationwide distributed GLORIA branches and GLORIA sales offices guarantee expert advice in all your fire protection issues. GLORIA is also accredited by a variety of distributors represented throughout Europe.

Nowadays, preventive fire protection has become an extremely important factor in all sections of industry or craft, from trade and administration. For this reason, it is GLORIA's mission to provide security professionals with the latest fire protection technologies. We are actively involved in the design of DIN standards and other rules and participate in the association's work in the field of fire protection. GLORIA has developed a comprehensive training program that takes into account both the various control option as well as innovate technologies, further developments, but also the latest standards and regulations to train interested people professionally. In the training center in Wadersloh as well as at the regional sites GLORIA constantly offer fire safety seminars, workshops and sales seminars.

GLORIA's success is based on a product portfolio tailored to customer needs, future-oriented research and development, increased service quality and dedicated employees to keep on promoting its European market leadership success.

We place emphasis on three key success factors – the 3Ps success:

### PEOPLE

Responsibility/Trust  
Experience/Competence  
Loyalty/Communication  
Engagement/Reaction  
Time/Customer Orientation

### PERFORMANCE

Information/Support  
Problem Solver  
Market Access/Network  
Client Development  
Trade/Logistic/Training

### PRODUCT

Brand/Product  
Range/Quality  
Innovation

Your benefits when working with GLORIA:

- We concentrate on our customers who constantly call for the best quality products, our best performance and the most dedicated employees
- We offer an extensive experience with framework agreements
- We are the largest manufacturer in Europe of portable fire extinguishers
- We have quick response times and comprehensive service partners network across Europe

### Have we piqued your interest?

Current information and contact details can be found on our website [www.gloria.de](http://www.gloria.de).

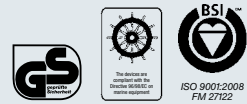
We look forward to sharing with you a prosperous trustful cooperation.

Your GLORIA Team

**DESIGN LINE** with automatic charging or strike button

**Refillable fire extinguishers**

DIN EN 3, GS, MED 



**DESIGN LINE –  
Be visible!**

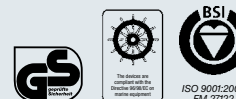
The F 6 series fire extinguishers are unique not only in terms of design. The fire extinguishers, being top-class devices with foam or powder extinguishing agents, also attract with comfort, functionality and attention to detail.



**The main advantages of 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 CO<sub>2</sub> cylinder and fill the fire extinguisher
- A large, easy to use strike button with a colored pictograph
- The “AL” variant: immediate readiness to extinguish with intuitive refilling devices:  
Pulling the safety pin will automatically puncture the CO<sub>2</sub> cylinder and charge the fire extinguisher
- The “AL” variant is equipped with a red valve body with a high impact strength
- All valve components with standardised threads
- A very long, integrated, resistant to bending hose with a carrying handle
- Additional protection of hose



**DESIGN LINE** with automatic charging or strike button**Refillable fire extinguishers**DIN EN 3, GS, MED 

- Featuring integrated diptube
- AL variant: red colour of skirt
- Recessed area for marking the device on the skirt
- Assembly and disassembly holes protected against tampering



Release via strike button

**Refillable fire extinguishers with foam cartridges F 6 SKK AL . F 6 SKK**

- The highest performance (233B) in the case of class B fire (15 units of extinguishing agent) with a capacity of merely 6 litres
- A very intense effect of the wetting extinguishing agent causes cooling and suppression
- Placing the foam concentrate separately in the pre-assembled cartridge (fixed cartridge!), separately from the water – very easy to service
- Green colour code of the descriptive labels indicates: GLORIA Eco
- A special spray nozzle, with the high degree of surface coverage for optimum distribution of extinguishing agent, mostly suppresses reignition
- Fields of application: **4 5 6 8 11 14 19 20 22 23 24 26 27 31 32 33 37 39 40 41 42**

**Details and performance characteristics of the F 6 DESIGN LINE****Refillable foam extinguisher F 6 Ni+AL . F 6 Ni+**

- Excellent extinguishing performance in the case of class A and B fires
- The GLORIA foam with impregnating impact fire in the surrounding areas
- A special foam nozzle with a significant casting range allows for optimal surface coverage
- The beige colour code indicates a foam extinguishing agent
- Fields of application: **4 5 6 8 11 14 19 20 22 23 24 31 32 39 40 41 42**

**Refillable foam extinguisher F 6 GX AL . F 6 GX . F 6 G**

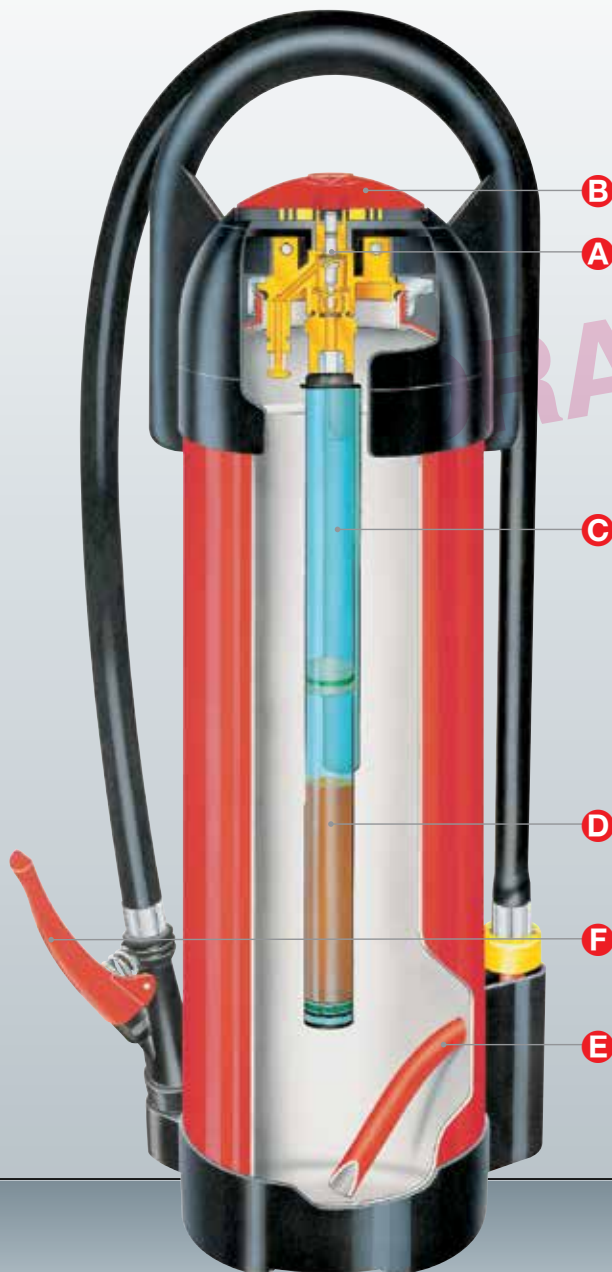
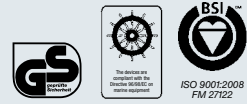
- Best performance in the event of class A and B fire, in each case, 15 units of fire extinguishing agent (type F 6 GX AL + F 6 GX)
- Nearly universal application
- Immediate, fast extinguishing due to the effect of cooling and suppression, enriched with an anti-catalytic effect
- GLORIA extinguishing powders are hydrophobic and non-toxic
- Fields of application: **2 3 9 12 16 18 19 34 37 41 42 43 44**



**DESIGN LINE** with automatic charging or strike button

**Refillable fire extinguishers**

DIN EN 3, GS, MED 



**Operating procedure (operating lever activation)**

- Pull the **yellow safety clip A**.
- Using the **strike button B** causes piercing of the **CO<sub>2</sub> cylinder** with a **blade C**.
- CO<sub>2</sub> immediately enters the cartridge through a **piston D** through a tube and pushes the foam-forming concentrate out of the piston from the cartridge while ensuring 100% mixing and increasing the pressure in the extinguisher.
- The mixture of water and foam flows through the diptube to the **E hose**.
- Dosing the agent is possible due to the rotating and suppressible **pistol F**.





**DESIGN LINE** with automatic charging or strike button**Refillable fire extinguishers**DIN EN 3, GS, MED **Details (refilling automatics)**



Pulling the yellow safety clip



Red information plate



Very long fire hose

Type	Part number	Extinguishing agent/ quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/ discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
<b>F 6 SKK AL DESIGN</b>	002981.1897	Foam-forming concentrate in cartridge + water 6 l	S 6 H	CO <sub>2</sub>	21A 233B 6 15	ca. 5 m ca. 25 s	0°C to 60°C	ca. 11.2 kg	ca. 630/216/183 mm Ø 150 mm
<b>F 6 SKK DESIGN</b>	002981.0000	Foam-forming concentrate in cartridge + water 6 l	S 6 H	CO <sub>2</sub>	21A 233B 6 15	ca. 5 m ca. 25 s	0°C to 60°C	ca. 11.2 kg	ca. 630/216/183 mm Ø 150 mm
<b>F 6 Ni+ AL DESIGN</b>	002971.1958	High-performance foam/6 l	S 6 H	CO <sub>2</sub>	34A 183B 10 12	ca. 4 m ca. 30 s	5°C to 60°C	ca. 11.7 kg	ca. 630/216/183 mm Ø 150 mm
<b>F 6 Ni+ DESIGN</b>	002971.1957	High-performance foam/6 l	S 6 H	CO <sub>2</sub>	34A 183B 10 12	ca. 4 m ca. 30 s	5°C to 60°C	ca. 11.7 kg	ca. 630/216/183 mm Ø 150 mm
 <b>F 6 GX AL DESIGN</b>	000421.1930	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	55A 233B C 5 15	ca. 5 m ca. 20 s	-30°C to +60°C	ca. 10.1 kg	ca. 550/280/165 mm Ø 150 mm
 <b>F 6 GX DESIGN</b>	000421.1909	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 5 m ca. 20 s	-30°C to +60°C	ca. 14 kg	ca. 595/300/165 mm Ø 170 mm
<b>F 6 G DESIGN</b>	000421.0000	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	43A 233B C 12 12	ca. 5 m ca. 20 s	-30°C to +60°C	ca. 10.1 kg	ca. 550/280/165 mm Ø 150 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.

## STAR LINE with half automatic operation

### Refillable fire extinguishers

DIN EN 3, GS, MED , BSI



#### STAR LINE –

*Innovative semi-automatics: unlock – lift – done!*

*GLORIA automatic operation has been designed for intuitive use.*

*The innovative and compact appearance of fittings is characteristic for GLORIA's unique and typical style.*

*This series is marked by performance, cost-efficiency and design which form a post-modern symbiosis.*



#### **The main advantages of STAR LINE**

- An extensive performance portfolio in terms of extinguishing agents: foam (6 and 9 l) and powder (6, 9 and 12 kg) as well as high performance water devices (6 and 9 l)
- Intuitive in operation and instantly ready to use: unlock – lift the bracket – done!
- Ergonomic, innovative and completely unitary operating elements
- A stable handle allows easy carrying and makes the device practical in use
- Highly durable with fibre glass, reinforced special valve body
- In addition, it is solid, resistant to tension, highly resistant to chemicals, moisture-resistant, corrosion-resistant, resistant to high temperatures, UV-resistant
- All valve components with standardised neck rings
- A unitary neck ring M 74
- Unitary, black anodised, metal coupling nut

## STAR LINE with half automatic operation


### Refillable fire extinguishers

DIN EN 3, GS, MED  , BSI




#### Details and performance characteristics of the STAR LINE

##### Refillable foam extinguisher SE+

- Excellent extinguishing performance in the case of class A and B fires
- The GLORIA bio-foam with agents affecting the impact of fire in the surrounding area
- A special foam nozzle with a significant casting range allows for optimal surface coverage with bio-foam
- Green colour code of the descriptive labels indicates: GLORIA Eco
- Friendly towards the environment: the GLORIA bio-foam\* is biodegradable in more than 99% and compliant with the Milieukeur ecological certificate
- Fields of application: 




##### Refillable foam extinguisher SK

- The highest performance (233B) in the case of class B fire (15 units of extinguishing agent) with a capacity of merely 6 litres
- A very intense effect of the wetting extinguishing agent causes cooling and suppression
- Placing the foam concentrate separately in the pre-assembled cartridge (fixed cartridge!), separately from water – very easy to service
- Green colour code of the descriptive labels indicates: GLORIA Eco
- A special spray nozzle with a high degree of surface coverage allows for optimum distribution of the extinguishing agent
- The extinguishing agent mostly suppresses reignition
- Fields of application: 




##### Refillable foam extinguisher SH

- The maximum achievable extinguishing effectiveness rate (15 EAU) with 9 l, 12 EAU already with capacity of 6 l
- Fine-pore, highly efficient GLORIA foam with impregnating agents affecting the impact of fire in the surrounding area
- A special foam nozzle with a significant coverage range allows for optimal surface coverage with a highly efficient bio-foam
- Preventing rapid spread of fire due to a very long time of layer coverage on the flammable material; reignition is largely suppressed; the extinguishing agent mostly suppresses reignition
- The beige colour code indicates a foam extinguishing agent
- Fields of application: 



##### Refillable water extinguisher WH

- Water extinguisher of the best parameters: type WH 9 with 12 EAU – in addition, it is environmentally friendly
- The blue colour code indicates a water extinguishing agent
- Fields of application: 



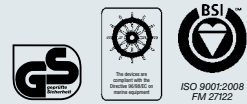
#### \*What is bio-foam?

There are many eco-labels in Europe which are used to mark products with high standards in relation to their efficiency as well as their environmental compatibility. Extinguishing foams are considered particularly environmentally friendly if they demonstrate a maximum fluorosurfactant content of 0.04% of the total content. Only then bio-foams are consistent with the Milieukeur eco-label. The highly efficient GLORIA bio-foam is compliant with this criterion.

## STAR LINE with half automatic operation

### Refillable fire extinguishers

DIN EN 3, GS, MED , BSI



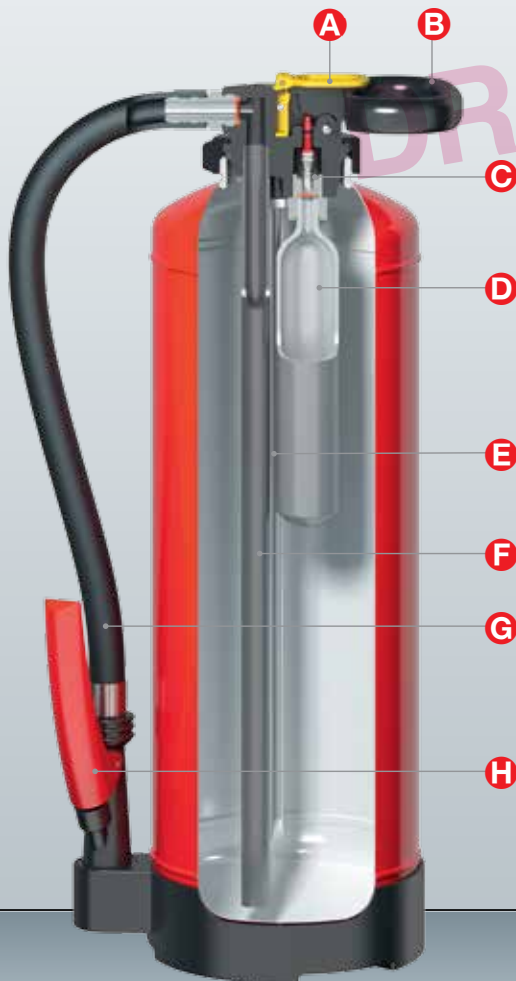
#### Refillable powder extinguisher PX . PH . P

- The PX 6 STAR type as a highly efficient device with 15 EAU
- Environmentally friendly ABC extinguishing powder of variable capacity
- 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
- Fields of application: **2 3 9 12 16 18 19 34 37 41 42 43 44**



#### Mode of operation

- Pull the **yellow A** safety clip.
- Lifting the **handle B** causes automatic puncture of the **C CO<sub>2</sub> cartridge** with a **pin D**.
- CO<sub>2</sub> immediately enters the **cylinder E** and pushes the piston with the foam-forming concentrate into the container. The water and the foam-forming agent are optimally mixed.
- The foam mixture enters through the **dip tube F** to the **hose G**.
- The **rotating pistol H** allows the targeted and large-scale fire-fighting.



## STAR LINE with automatic operation

### Refillable fire extinguishers

DIN EN 3, GS, MED  , BSI














#### Application



Unlock,  
lift, ...



...done!

Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/ discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
SE+ 6 STAR	803781.3025	Impregnating bio-foam 6 l	S 6 H	CO <sub>2</sub>	34A 183B 10 12	ca. 5 m ca. 26 s	0°C to 60°C	ca. 10.1 kg	ca. 540/280/165 mm Ø 150 mm
SE+ 9 STAR	803791.3025	Impregnating bio-foam 9 l	S 9 H	CO <sub>2</sub>	43A 233B 12 15	ca. 5 m ca. 36 s	0°C to 60°C	ca. 15.3 kg	ca. 575/280/205 mm Ø 150 mm
 SK 6 STAR	803761.0000	0.120 l of foam-forming concentrate, 5.880 l of water	S 6 H	CO <sub>2</sub>	21A 233B 6 15	ca. 5 m ca. 30 s	5°C to 60°C	ca. 10.1 kg	ca. 540/280/165 mm Ø 150 mm
 SK 9 STAR	803771.0000	0.180 l of foam-forming concentrate, 8.820 l of water	S 9 H	CO <sub>2</sub>	27A 233B 9 15	ca. 5 m ca. 54 s	5°C to 60°C	ca. 15.3 kg	ca. 575/280/205 mm Ø 190 mm
 SH 6 STAR	803781.0000	Impregnating foam 6 l	S 6 H	N <sub>2</sub>	43A 183B 12 12	ca. 4 m ca. 20 s	0°C to 60°C	ca. 10.1 kg	ca. 540/280/165 mm Ø 150 mm
 SH 9 STAR	803791.0000	Impregnating foam 9 l	S 9 H	N <sub>2</sub>	55A 233B 15 15	ca. 4 m ca. 41 s	0°C to 60°C	ca. 15.3 kg	ca. 575/280/205 mm Ø 190 mm
 WH 6 STAR	803821.0000	Water with impregnate 6 l	W 6 H	CO <sub>2</sub>	34A 10	ca. 4 m ca. 47 s	0°C to 60°C	ca. 10.1 kg	ca. 540/280/165 mm Ø 150 mm
 WH 9 STAR	803831.0000	Water with impregnate additive 9 l	W 9 H	CO <sub>2</sub>	43A 12	ca. 4 m ca. 62 s	0°C to 60°C	ca. 15.3 kg	ca. 575/280/205 mm Ø 190 mm
 PX 6 STAR	800631.3016	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 6 m ca. 24 s	-30°C to +60°C	ca. 9.9 kg	ca. 500/300/165 mm Ø 150 mm
 PH 6 STAR	800631.3015	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	43A 233B C 12 15	ca. 6 m ca. 24 s	-30°C to +60°C	ca. 9.9 kg	ca. 500/300/165 mm Ø 150 mm
 PH 9 STAR	800641.0000	ABC powder extinguisher 9 kg	PG 9 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 7 m ca. 23 s	-30°C to +60°C	ca. 14.3 kg	ca. 555/290/185 mm Ø 170 mm
 P 6 STAR	800631.0000	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	34A 183B C 10 12	ca. 6 m ca. 24 s	-30°C to +60°C	ca. 9.9 kg	ca. 500/300/165 mm Ø 150 mm
 P 12 STAR	800651.0000	ABC powder extinguisher 12 kg	PG 12 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 7 m ca. 32 s	-30°C to +60°C	ca. 18.7 kg	ca. 600/290/205 mm Ø 190 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.



## PRO LINE with operating lever fittings and nozzle

### Refillable fire extinguishers

DIN EN 3, GS, MED , BSI



#### *PRO LINE – proven original GLORIA*

*Very popular, especially in the commercial sector; classic operating lever fittings in combination with a rotary and pistol of a unique design of GLORIA are characteristic for this series.*

*Foam, water and powder extinguishing agents, in the case of the PRO LINE, feature the highest efficiency.*



Powder

Foam

Eco

Water

#### **The main advantages of PRO LINE**

- An extensive performance portfolio in terms of extinguishing agents: foam (6 and 9 l) and powder (6, 9 and 12 kg) as well as water devices of high performance (6 and 9 l)
- Completely uniform operating elements
- Practicality due to a stable handle allowing for easy carrying
- A uniform, highly durable, reinforced with fibre glass, special valve body made of plastic  
In addition, it is solid, resistant to tension, stable, highly resistant to chemicals, moisture-resistant, corrosion-resistant, resistant to high temperatures, UV-resistant
- All valve components with standardised neck rings
- A uniform neck ring M 74
- Uniform, black anodised, metal coupling nut



## PRO LINE with operating lever fittings and nozzle


### Refillable fire extinguishers

DIN EN 3, GS, MED  , BSI




#### Details and performance characteristics of the PRO LINE

##### Refillable foam extinguisher SE+

- Excellent extinguishing performance in the case of class A and B fires
- The GLORIA bio-foam with impregnating agents affecting the seat of fire and its surroundings
- A special foam nozzle with a significant casting range allows for optimal surface coverage with bio-foam
- Green colour code of the descriptive labels indicates: GLORIA Eco
- Friendly towards the environment: the GLORIA bio-foam\* is biodegradable in more than 99% and compliant with the Milieukeur ecological certificate
- Fields of application: 




##### Refillable foam extinguisher SK

- The highest performance (233B) in the case of class B fire (15 units of extinguishing agent) with a capacity of merely 6 litres
- A very intense effect of the wetting extinguishing agent causes cooling and suppression
- Placing the foam concentrate separately in the pre-assembled cartridge (fixed cartridge!), apart from water – very easy to service
- Green colour code of the descriptive labels indicates: GLORIA Eco
- A special spray nozzle with a high degree of surface coverage allows for optimum distribution of the extinguishing agent
- The extinguishing agent mostly suppresses reignition
- Fields of application: 



##### Refillable foam extinguisher SH

- The maximum achievable extinguishing effectiveness rate (15 EAU) with 9 l, 12 EAU already with capacity of 6 l
- Fine-pore, highly efficient GLORIA foam with impregnating agents affecting the seat of fire and its surroundings
- A special foam nozzle with a significant casting range allows for optimal surface coverage with a highly efficient bio-foam
- The beige colour code indicates a foam extinguishing agent
- Fields of application: 



##### Refillable water extinguisher WH

- Water extinguisher of the best parameters: type WH 9 with 12 EAU – in addition, it is environmentally friendly
- The blue colour code indicates a water extinguishing agent
- Hose connection and diptube made of stainless steel
- Fields of application: 



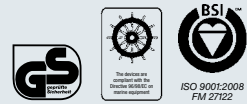
#### \*What is bio-foam?

There are many eco-labels in Europe which are used to mark products with high standards in relation to their efficiency as well as their environmental compatibility. Extinguishing foams are considered particularly environmentally friendly if they demonstrate a maximum fluorosurfactant content of 0.04% of the total content. Only then bio-foams are consistent with the Milieukeur eco-label. The highly efficient GLORIA bio-foam is compliant with this criterion.

**PRO LINE with operating lever fittings and nozzle**

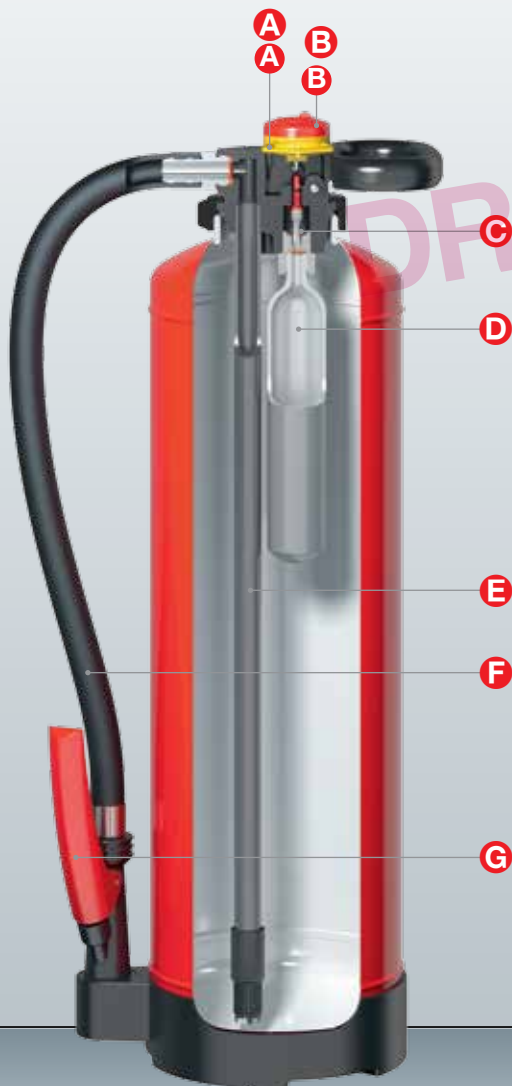
**Refillable fire extinguishers**

DIN EN 3, GS, MED , BSI



**Refillable powder extinguisher P . PH**

- Environmentally friendly ABC extinguishing powder of variable capacity
- Almost 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
- Fields of application: **2 3 9 12 16 18 19 34 37 41 42 43 44**



**Mode of operation**

- Pull the **yellow A** safety pin.
- Using **the operating lever B** causes piercing of the **C CO<sub>2</sub> cylinder** with a **blade D**.
- CO<sub>2</sub> immediately enters the cylinder. The foam mixture enters through the **driptube E** to **the hose F**.
- The **rotating pistol G** allows for targeted and large-scale fire-fighting.



## PRO LINE with operating lever fittings and nozzle

### Refillable fire extinguishers

DIN EN 3, GS, MED  , BSI



#### Application










Pull the pin



Use the operating lever



Nozzle, screwed

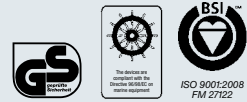
Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/ discharge time	Temperature range	Total weight	Bracket H/W/D of container
SE+ 6 PRO	803731.3017	Impregnating bio-foam 6 l	S 6 H	CO <sub>2</sub>	34A 183B 10 12	ca. 5 m ca. 26 s	0°C to 60°C	ca. 10.1 kg	ca. 550/280/165 mm Ø 150 mm
SE+ 9 PRO	803741.3017	Impregnating bio-foam 9 l	S 9 H	CO <sub>2</sub>	43A 233B 12 15	ca. 5 m ca. 36 s	0°C to 60°C	ca. 15.3 kg	ca. 585/280/205 mm Ø 190 mm
 SK 6 PRO	801641.0000	0.120 l of foam-forming concentrate, 5.880 l of water	S 6 H	CO <sub>2</sub>	21A 233B 6 15	ca. 5 m ca. 30 s	5°C to 60°C	ca. 10.1 kg	ca. 550/280/165 mm Ø 150 mm
 SK 9 PRO	801651.0000	0.180 l of foam-forming concentrate, 8.820 l of water	S 9 H	CO <sub>2</sub>	27A 233B 9 15	ca. 5 m ca. 54 s	5°C to 60°C	ca. 15.3 kg	ca. 585/280/205 mm Ø 190 mm
SH 6 PRO	803731.0000	Impregnating foam 6 l	S 6 H	CO <sub>2</sub>	43A 183B 12 12	ca. 4 m ca. 20 s	0°C to 60°C	ca. 10.1 kg	ca. 550/280/165 mm Ø 150 mm
SH 9 PRO	803741.0000	Impregnating foam 9 l	S 9 H	CO <sub>2</sub>	55A 233B 15 15	ca. 4 m ca. 41 s	0°C to 60°C	ca. 15.3 kg	ca. 585/280/205 mm Ø 190 mm
WH 6 PRO	803801.0000	Water with impregnate 6 l	W 6 H	CO <sub>2</sub>	34A 10	ca. 4 m ca. 47 s	0°C to 60°C	ca. 10.1 kg	ca. 550/280/165 mm Ø 150 mm
 WH 9 PRO	803811.0000	Water with impregnate 9 l	W 9 H	CO <sub>2</sub>	43A 12	ca. 4 m ca. 62 s	0°C to 60°C	ca. 15.3 kg	ca. 585/280/205 mm Ø 190 mm
 PH 6 PRO	801271.1426	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	43A 233B C 12 15	ca. 6 m ca. 22 s	-30°C to +60°C	ca. 9.8 kg	ca. 510/300/165 mm Ø 150 mm
 PH 9 PRO	803341.1426	ABC powder extinguisher 9 kg	PG 9 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 6 m ca. 22 s	-30°C to +60°C	ca. 14.3 kg	ca. 565/290/185 mm Ø 170 mm
 P 6 PRO	801941.0000	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	34A 183B C 10 12	ca. 6 m ca. 22 s	-30°C to +60°C	ca. 9.8 kg	ca. 510/300/165 mm Ø 150 mm
 P 12 PRO	801291.1426	ABC powder extinguisher 12 kg	PG 12 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 7 m ca. 26 s	-30°C to +60°C	ca. 18.6 kg	ca. 610/290/205 mm Ø 190 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.

## EASY LINE with bracket

### Refillable fire extinguishers

DIN EN 3, GS, MED 



**EASY LINE –  
 simple, universal, good!**

*In the case of EASY LINE, simplicity and safety are combined as a result of long-term development. A clear focus on relevant issues, without compromising safety and performance, has been fulfilled in an impressive way in the case of EASY LINE. The EASY LINE offers the widest range of extinguishing agents.*



Powder

Foam

Eco

Water

Fat fire

#### **The main advantages of EASY LINE**

- An extensive performance portfolio in terms of extinguishing agents: foam (6 and 9 l), water (6 and 9 l), to fight fat fires (3 and 6 l) and powder (6, 9 and 12 kg)
- Completely uniform operating elements
- Ease of carrying due to a stable handle
- A uniform, highly durable, reinforced with fibre glass, special valve body made of plastic.  
 In addition, it is solid, resistant to tension, stable, highly resistant to chemicals, moisture-resistant, corrosion-resistant, resistant to high temperatures, UV-resistant
- All valve components with standardised neck rings
- A uniform neck ring M 74
- Uniform, black anodised, metal locking collar

## EASY LINE with bracket


### Refillable fire extinguishers

DIN EN 3, GS, MED 




#### Details and performance characteristics of the EASY LINE

##### Refillable foam extinguisher SE+

- Excellent extinguishing performance in the case of class A and B fires
- The GLORIA bio-foam\* with impregnating agents affecting the seat of fire and its surroundings
- A special foam nozzle with a significant casting range allows for optimal surface coverage with bio-foam
- Friendly towards the environment: the GLORIA bio-foam\* is biodegradable in more than 99% and compliant with the Milieukeur ecological certificate
- Green colour code of the descriptive labels indicates: GLORIA Eco
- Fields of application: 




##### Refillable foam extinguisher SK


- High performance (183B) in the case of class B fire (12 units of extinguishing agent) with a capacity of 6 litres
- A very intense effect of the wetting extinguishing agent causes cooling and suppression
- Placing the foam concentrate separately in the pre-assembled cartridge (fixed cartridge!), apart from water – very easy to service
- Green colour code of the descriptive labels indicates: GLORIA Eco
- A special spray nozzle with a high degree of surface coverage allows for optimum distribution of the extinguishing agent
- The extinguishing agent mostly suppresses reignition
- Fields of application: 



##### Refillable foam extinguisher S . SF

- High quality GLORIA foam with high resistance and adhesion to combustible materials
- A special foam nozzle with a significant casting range allows for optimal surface coverage by foam
- Preventing rapid spread of fire due to a very long time of foam layer coverage of the flammable material; reignition is largely suppressed; the extinguishing agent mostly suppresses reignition
- Available frost-resistant versions (-20°) with a capacity of 6 and 9 l (type SF)
- The beige colour code indicates a foam extinguishing agent
- Fields of application: 

##### The FB foam extinguisher to fight fat fires

- Burning fat can easily exceed a temperature of over 1000°C, it is self-igniting and requires a strong and completely safe extinguisher to eliminate the bursts of fat
- The extinguishing agent, in combination with the use of a special sprayer, in the case of GLORIA extinguishers used to fight fat fire, ensures the maximum achievable efficiency of 75F – with a capacity of merely 3 litres
- Reignition is effectively suppressed
- The GLORIA extinguishers to fight fat fires are frost-resistant up to the temperature of -30°C
- The yellow colour code indicates an extinguishing agent used for fighting fat fires
- Fields of application: 



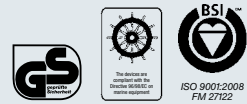
#### \*What is bio-foam?

There are many eco-labels in Europe which are used to mark products with high standards in relation to their efficiency as well as their environmental compatibility. Extinguishing foams are considered particularly environmentally friendly if they demonstrate a maximum fluorosurfactant content of 0.04% of the total content. Only then bio-foams are consistent with the Milieukeur eco-label. The highly efficient GLORIA bio-foam is compliant with this criterion.

## EASY LINE with bracket

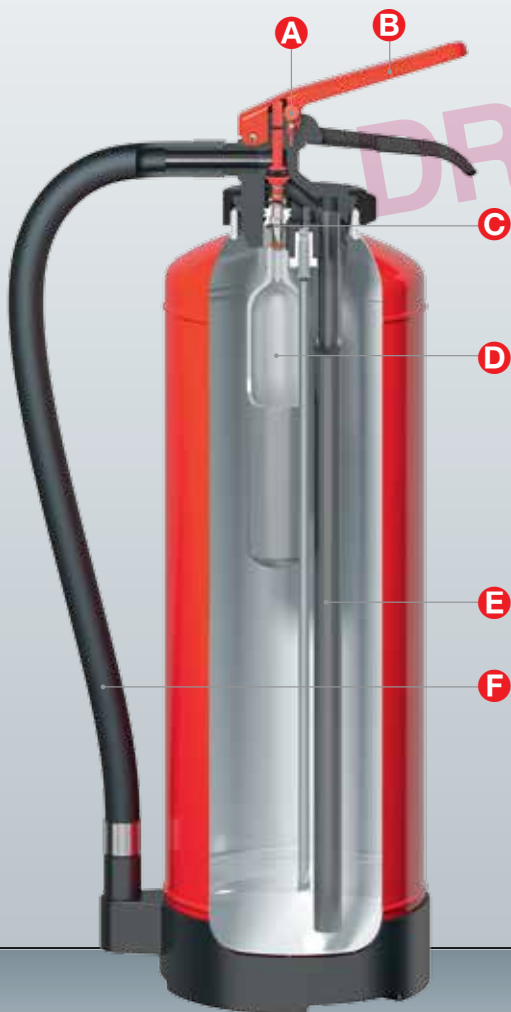
### Refillable fire extinguishers

DIN EN 3, GS, MED 



#### Refillable water extinguisher WH . W . WF

- Water extinguisher of the best parameters: type WH with 12 EAU and with the capacity of 9 l – in addition, it is environmentally friendly
- Water extinguishers with a capacity of 6 and 9 l of water enriched only with a wetting agent (which reduces the surface tension of water), no other additives (type W)
- Available frost-resistant versions (-30°) with a capacity of 6 and 9 l (type WF)
- The blue colour code indicates a water extinguishing agent
- Fields of application: **1 4 5 6 17 20 24 30 36 37 38 39 40**



#### Mode of operation

- Pull the **metal safety pin A**.
- First, short pressing of the **lever B** causes piercing the **CO<sub>2</sub> cylinder C** with a **blade D**.
- At the same time, CO<sub>2</sub> immediately enters the cylinder.
- Pressing the **lever B** again causes the extinguishing agent to enter the hose through the **driptube E** in order to be **F** distributed.
- Releasing the **lever B** stops the flow of the extinguishing agent.





## EASY LINE with bracket






















## Refillable fire extinguishers

DIN EN 3, GS, MED 

## Refillable powder extinguisher P . PH

- Environmentally friendly ABC extinguishing powder of variable capacity
- Almost 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
- Fields of application: **2 3 9 12 16 18 19 34 37 41 42 43 44**



Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/ discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
 SE+ 6 EASY	801511.3017	Impregnating bio-foam 6 l	S 6 H	CO <sub>2</sub>	34A 183B 10 12	ca. 4 m ca. 23 s	0°C to 60°C	ca. 10.6 kg	ca. 600/310/165 mm 150 mm
 SE+ 9 EASY	801521.3017	Impregnating bio-foam 9 l	S 9 H	CO <sub>2</sub>	43A 233B 12 15	ca. 4 m ca. 41 s	0°C to 60°C	ca. 14.9 kg	ca. 620/290/205 mm 190 mm
 SK 6 EASY	804121.0000	0.120 l of foam-forming concentrate, 5.880 l of water	S 6 H	CO <sub>2</sub>	21A 183B 6 12	5 m ca. 30 s	5°C to 60°C	ca. 10.9 kg	ca. 600/310/165 mm 150 mm
 SK 9 EASY	804131.0000	0.180 l of foam-forming concentrate, 8.820 l of water	S 9 H	CO <sub>2</sub>	27A 233B 9 15	5 m ca. 53 s	5°C to 60°C	ca. 15.7 kg	ca. 620/290/205 mm 190 mm
 SKP 6 EASY	804121.1721	0.270 l of foam-forming concentrate, 5.730 l of water	S 6 H	CO <sub>2</sub>	13A 113B 4 6	5 m ca. 30.13 s	5°C to 60°C	ca. 10.9 kg	ca. 600/310/165 mm 150 mm
 S 6 EASY	803711.1790	Foam forming a layer 6 l	S 6 H	CO <sub>2</sub>	21A 183B 6 12	ca. 4 m ca. 20 s	5°C to 60°C	ca. 10.6 kg	ca. 600/310/165 mm 150 mm
 S 9 EASY	801761.1790	Foam forming a layer 9 l	S 9 H	CO <sub>2</sub>	27A 233B 9 15	ca. 4 m ca. 41 s	5°C to 60°C	ca. 14.9 kg	ca. 620/290/205 mm 190 mm
 SF6 EASY	801511.1746	Foam frost-resistant 6 l	S 6 H-20	CO <sub>2</sub>	21A 144B 6 9	ca. 4 m ca. 20 s	-20°C to +60°C	ca. 10.6 kg	ca. 600/310/165 mm 150 mm
 SF 9 EASY	801521.1746	Foam frost-resistant 9 l	S 9 H-20	CO <sub>2</sub>	27A 183B 9 12	ca. 4 m ca. 41 s	-20°C to +60°C	ca. 14.9 kg	ca. 620/290/205 mm 190 mm
 FB 3 EASY	803651.2961	Liquid extinguishing agent 3 l	W 3 H-30	CO <sub>2</sub>	8A 55B 75F 2 3	ca. 4 m ca. 15 s	-30°C to +60°C	ca. 6.8 kg	ca. 432/270/160 mm 150 mm
 FB 6 EASY	804111.2961	Liquid extinguishing agent 6 l	W 6 H-30	CO <sub>2</sub>	13A 113B 75F 4 6	ca. 4 m ca. 30 s	-30°C to +60°C	ca. 12.3 kg	ca. 610/270/160 mm 150 mm
 WH 6 EASY	801601.1776	Water with impregnate 6 l	W 6 H	CO <sub>2</sub>	34A 183B 10 12	ca. 4 m ca. 47 s	0°C to 60°C	ca. 10.6 kg	ca. 600/310/165 mm 150 mm
 WH 9 EASY	801611.1776	Water with impregnate 9 l	W 9 H	CO <sub>2</sub>	43A 233B 12 15	ca. 4 m ca. 62 s	0°C to 60°C	ca. 14.9 kg	ca. 620/290/205 mm 190 mm
 W 6 EASY	801601.0000	Water with a wetting agent 6 l	W 6 H	CO <sub>2</sub>	21A 183B 6 12	ca. 4 m ca. 30 s	5°C to 60°C	ca. 10.2 kg	ca. 600/310/165 mm 150 mm
 W 9 EASY	801611.0000	Water with a wetting agent 9 l	W 9 H	CO <sub>2</sub>	27A 233B 9 15	ca. 4 m ca. 40 s	5°C to 60°C	ca. 13.4 kg	ca. 620/290/205 mm 190 mm
 WF 6 EASY	801621.0000	Frost-resistant water 6 l	W 6 H-30	CO <sub>2</sub>	13A 183B 4 12	ca. 4 m ca. 47 s	-30°C to +60°C	ca. 10.6 kg	ca. 600/310/165 mm 150 mm
 WF 9 EASY	801631.0000	Frost-resistant water 9 l	W 9 H-30	CO <sub>2</sub>	21A 183B 6 12	ca. 4 m ca. 62 s	-30°C to +60°C	ca. 14.9 kg	ca. 620/290/205 mm 190 mm
 PH 6 EASY	802171.3015	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	43A 183B C 12 12	ca. 6 m ca. 18 s	-30°C to +60°C	ca. 10.1 kg	ca. 550/280/165 mm 150 mm
 PH 9 EASY	802181.0000	ABC powder extinguisher 9 kg	PG 9 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 7 m ca. 20 s	-30°C to +60°C	ca. 14 kg	ca. 595/300/165 mm 170 mm
 P 6 EASY	802171.0000	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	34A 183B C 10 12	ca. 6 m ca. 18 s	-30°C to +60°C	ca. 10.1 kg	ca. 550/280/165 mm 150 mm
 P 12 EASY	802191.0000	ABC powder extinguisher 12 kg	PG 12 H	CO <sub>2</sub>	55A 233B C 15 15	ca. 7 m ca. 23 s	-30°C to +60°C	ca. 19 kg	ca. 640/310/205 mm 190 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.

## Powder extinguishers with external CO<sub>2</sub> cylinder

### Refillable fire extinguishers

DIN EN 3, GS



ISO 9001:2008  
FM 27122

#### *Universal powder extinguishers*

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

*P 6 GT can be used wherever fire extinguishers, in the course of action, are not transposed manually, e.g. for the fire brigade, police, border guards and when fighting fires in inaccessible places.*



#### **The main advantages of dry powder extinguishers with external CO<sub>2</sub> cylinder**

- Immediately ready to use after opening the CO<sub>2</sub> cylinder
- A pistol allows for targeted fire-fighting and dosing the agent
- Top quality pressure propellant vessels made of high strength steel

#### **Details and performance characteristics of dry powder extinguishers with external CO<sub>2</sub> cylinder**

- Externally coated with a weatherproof, durable coating made of 100% polyester resin (free of heavy metals) ensuring a long lifespan
- Approved by TÜV external CO<sub>2</sub> cylinder equipped with safety plates
- The metal fittings with an integrated safety valve
- Fields of application: 2 3 9 12 16 18 19 34 37 41 42 43 44
- Fields of application P 12 M: 28 29

## Powder extinguishers with external CO<sub>2</sub> cylinder

### Refillable fire extinguishers

DIN EN 3, GS



#### P 6 G . P 12 G

- A solid plastic skirt protects the container against damage and ensures high stability
- A design very easy to service
- An integrated hose and propellant cylinder bracket on the skirt



#### P 12 M

- Featuring an applicator in the case of metal fire
- An extinguisher filled with a special powder to extinguish metal fires, suitable for class D fires
- Stable plastic bracket



#### P 6 SV . P 12 SV

- Suitable for use in combination with foam
- Extinguishing agents: BC powder



#### P 6 GT

- Additional hose protection by means of a spiral spring reinforcement
- Practical rack for carrying the fire extinguisher with a padded, adjustable shoulder strap and waist strap (option in the offer)
- Protection of fire hose and nozzle by means of latches
- A very long fire hose: 1.2 m
- When worn on the back, it is instantly ready to use due to accessible rotary valve on the external cylinder



Carrying handle



Rack for carrying the fire extinguisher (P 6 GT)



Instantly ready to use (P 6 GT)

Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/ discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
P 6 G multilingual	000621.2046	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	43 A 233 B C 12 15	5 m 16 s	-30°C to +60°C	11.0 kg	480/340/150 mm Ø 150 mm
P 12 G multilingual	000671.2046	ABC powder extinguisher 12 kg	PG 12 H	CO <sub>2</sub>	55 A 233 B C 15 15	7 m 21 s	-30°C to +60°C	20.0 kg	560/370/190 mm Ø 190 mm
P 12 M multilingual	000671.1611	Powder for extinguishing metal fires 12 kg	PM 12 H	CO <sub>2</sub>	D	Sprinkling 35 s	-30°C to +60°C	21.0 kg	860/370/190 mm Ø 190 mm
P 6	000621.1610	BC-SV powder extinguisher 6 kg	P 6 H	CO <sub>2</sub>	233 B C 15	5 m 16 s	-30°C to +60°C	11.0 kg	480/340/150 mm Ø 150 mm
P 12 SV	000671.1610	BC-SV powder extinguisher 12 kg	P 12 H	CO <sub>2</sub>	233 B C 15	7 m 21 s	-30°C to +60°C	19.8 kg	860/370/190 mm Ø 190 mm
P 6 GT	000620.1759**	ABC powder extinguisher 6 kg	PG 6 H	CO <sub>2</sub>	43 A 233 B C 12 15	5 m 14 s	-30°C to +60°C	11.0 kg	480/370/165 mm Ø 150 mm

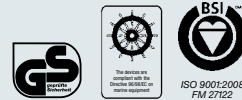
\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.

\*\* Available with optional rack to carry the fire extinguisher

## CO<sub>2</sub> fire extinguishers with bracket

### Cartridge-operated fire extinguishers

DIN EN 3, GS, MED , BSI



#### *Carbon dioxide extinguishers made of aluminium or steel*

*Ideal devices for using in systems with high electrical voltage, computer centres, as well as in storages of flammable liquids. Safe and reliable extinguishing operation due to an extinguishing agent in the form of carbon dioxide which does not leave any deposits.*



Made of aluminium

Made of steel

#### **The main advantages of carbon dioxide extinguishers**

- Practical devices of standard class of high extinguishing performance
- Easy activation with a lever – used both for carrying and activation
- Top quality pressure propellant vessels made of aluminium or high strength steel

#### **Details and performance characteristics of carbon dioxide extinguishers**

- Flattened, very long nozzle of KS 5 ST and KS 5 SE carbon dioxide extinguishers allows for aiming the flow of the extinguishing agent
- The result is high performance while covering a large area
- A tube mounted to the nozzle of KS 2 ST and KS 2 SE carbon dioxide extinguishers allows for optimal distribution of the extinguishing agent
- Externally coated with a weatherproof, durable coating made of 100% polyester resin (free of heavy metals) ensuring a long lifespan
- Featuring safety plate
- Brass valve fittings

## CO<sub>2</sub> fire extinguishers with bracket

### Cartridge-operated fire extinguishers

DIN EN 3, GS, MED  BSI



- Featuring wall bracket
- Suitable for systems up to 1000 V
- Fields of application: **10 13 26 27 35 37 25** (KS 5 AM)

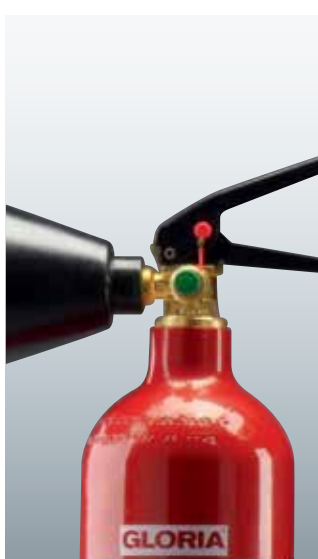
#### KS 2 SBS . KS 5 SE . KS 5 AM (aluminium container)

- Up to 17% lower weight compared to the steel version
- A metal band clip with the type SE KS 5 standard
- Type KS 2 SBS: stable spring stand available separately
- Type KS 5 SE: car bracket available separately
- Type KS 5 AM: with a round carbon dioxide nozzle, only non-magnetic materials, making it suitable for MRI rooms in hospitals and clinics



#### KS 2 ST . KS 5 ST (steel container)

- Type KS 2 ST: spring stand available separately
- Type KS 5 ST: powder coated metal band clip for mounting to a standard GLORIA wall bracket
- Type KS 5 ST: also available without the metal clamp



Valve



Carbon dioxide nozzle



Bracket



Band clip

Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/discharge time	Temperature range	Total weight	Bracket H/W/D of container
⊕ KS 2 SBS	001831.0000	CO <sub>2</sub> 2kg	K 2	CO <sub>2</sub>	34 B 2	3 m 8.5 s	-30°C to +60°C	5.4 kg	520/250/170 mm Ø 117 mm
⊕ KS 5 SE	001821.0000	CO <sub>2</sub> 2kg	K 5	CO <sub>2</sub>	89 B 5	4-5 m 13.5 s	-30°C to +60°C	12.5 kg	700/480/160 mm Ø 152 mm
KS 5 AM	001801.1683	CO <sub>2</sub> 2kg	K 5	CO <sub>2</sub>	89 B 5	4-5 m 13.5 s	-30°C to +60°C	12.5 kg	700/480/160 mm Ø 152 mm
⊕ KS 2 ST	002041.0000	CO <sub>2</sub> 2kg	K 2	CO <sub>2</sub>	34 B 2	3 m 8.5 s	-30°C to +60°C	6.5 kg	590/250/104 mm Ø 104 mm
⊕ KS 5 ST	002031.1790	CO <sub>2</sub> 2kg	K 5	CO <sub>2</sub>	89 B 5	4-5 m 13.5 s	-30°C to +60°C	14.5 kg	930/400/136 mm Ø 136 mm

\* Extinguishing Agent Units



## Fire extinguishers with bracket

### Cartridge-operated fire extinguishers

DIN EN 3, GS, MED , BSI



#### *Cartridge-operated fire extinguishers with a practical bracket*

*Preferred standard devices for a variety of applications with simple operating elements.*

*In contrast to the comfortable devices with an internal propellant cylinder, in the case of these devices, the container is under constant pressure.*



#### **The main advantages of cartridge-operated extinguishers**

- Depending on the design, they are immediately ready to use after pulling the safety pin
- Practical devices of standard class of high extinguishing performance
- Easy activation with a lever – used both for carrying and activation
- The extinguishing agent containers made of high-quality alloy steel

#### **Details and performance characteristics of cartridge-operated extinguishers**

- Externally coated with a weatherproof, durable coating made of 100% polyester resin
- Extinguisher nozzle bracket integrated in the skirt
- Durable brass fittings with integrated check valve
- Featuring wall bracket
- Suitable for systems up to 1000 V
- Fields of application Powder: **2 3 9 12 16 18 19 34 37 41 42 43 44**
- Fields of application Foam: **4 5 6 8 11 14 19 20 22 23 24 31 32 39 40 41 42**
- Fields of application Water: **1 4 5 6 17 20 24 30 36 37 38 39 40**



## Fire extinguishers with bracket

### Cartridge-operated fire extinguishers

DIN EN 3, GS, MED  BSI



#### PD 4 GA . PD 6 GA . PD 9 GA . PD 12 GA

- Available with or without a pressure gauge
- The pressure gauge allows for constant visual inspection of the pressure
- Featuring a wall bracket as a standard
- Optionally available with a suitable car bracket



Pressure gauge and control valve

#### SDE 6 . SDE 9 . SD 6 . SD 9

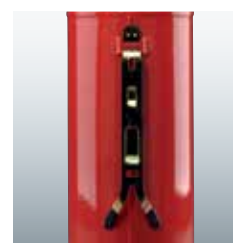
- SDE type: gentle to the environment, biodegradable extinguishing agents in more than 99%
- Available with or without a pressure gauge
- The pressure gauge allows for constant visual inspection of the pressure
- Featuring a wall bracket as a standard
- Optionally available with a suitable car bracket



Skirt

#### WD 9

- Water extinguisher enriched only with a wetting agent (which reduces the surface tension of water), no other additives
- Featuring a wall bracket as a standard
- Optionally available with a suitable car bracket



Wall bracket

#### ÜL 6

- For optimal fire prevention training of security forces in facilities and institutions
- It is ideal for learning how to operate a fire extinguisher during a practice fire
- Filling: tap water
- Featuring a wall bracket as a standard

DRAFT

Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
PD 4 GA with PG**	002071.2046	ABC powder extinguisher 4 kg	PG-4-L	Nitrogen	21 A 89 B C 5 5	ca. 6 m ca. 12 s	-30°C to +60°C	ca. 6.7 kg	ca. 410/300/162 mm Ø ca. 150 mm
PD 6 GA with PG**	002111.1791	ABC powder extinguisher 6 kg	PG-6-L	Nitrogen	34 A 183 B C 10 12	ca. 6 m ca. 16 s	-30°C to +60°C	ca. 9.1 kg	ca. 500/270/162 mm Ø ca. 150 mm
⊙ PD 6 GA	002101.0000	ABC powder extinguisher 6 kg	PG-6-L	Nitrogen	34 A 183 B C 10 12	ca. 6 m ca. 16 s	-30°C to +60°C	ca. 9.1 kg	ca. 500/270/162 mm Ø ca. 150 mm
⊙ PD 9 GA with PG**	004041.2397	ABC powder extinguisher 9 kg	PG-9-L	Nitrogen	43 A 233 B C 12 15	ca. 7 m ca. 16 s	-30°C to +60°C	ca. 13.7 kg	ca. 610/265/182 mm Ø ca. 170 mm
⊙ PD 12 GA with PG**	002151.2046	ABC powder extinguisher 12 kg	PG-12-L	Nitrogen	55 A 233 B C 15 15	ca. 7 m ca. 22 s	-30°C to +60°C	ca. 17.3 kg	ca. 590/265/202 mm Ø ca. 170 mm
⊙ PD 12 GA	002141.0000	ABC powder extinguisher 12 kg	PG-12-L	Nitrogen	55 A 233 B C 15 15	ca. 7 m ca. 22 s	-30°C to +60°C	ca. 17.3 kg	ca. 590/265/202 mm Ø ca. 170 mm
⊙ SDE 6 with PG**	803681.1790	0.180 l foam-forming agent + water 5.82 l	S-6-L	Nitrogen	21 A 144 B 6 9	ca. 4 m ca. 30 s	5°C to 60°C	ca. 10.4 kg	ca. 557/162/275 mm Ø ca. 150 mm
SDE 9 with PG**	801741.1790	0.270 l foam-forming agent + water 8.73 l	S-9-L	Nitrogen	27 A 183 B 9 12	ca. 4 m ca. 40 s	5°C to 60°C	ca. 14.6 kg	ca. 522/202/300 mm Ø ca. 190 mm
SD 6	803681.0000	0.120 l foam-forming concentrate + water 5.88 l	S-6-L	Nitrogen	21 A 183 B 6 12	ca. 4 m ca. 30 s	0°C to 60°C	ca. 10.4 kg	ca. 557/162/275 mm Ø ca. 150 mm
SD 9	801741.0000	0.180 l foam-forming concentrate + water 8.82 l	S-9-L	Nitrogen	27 A 233 B 9 15	ca. 4 m ca. 40 s	0°C to 60°C	ca. 14.6 kg	ca. 522/202/300 mm Ø ca. 190 mm
WD 9	801671.0000	Water and 0.1% of wetting agent 9 l	W-9-L	Nitrogen	21 A 6	ca. 4 m ca. 89 s	5°C to 60°C	ca. 14.8 kg	ca. 610/310/205 mm Ø ca. 190 mm
ÜL 6***	003061.0000	6 l of water		Nitrogen		ca. 3-4 m ca. 25 s	0°C to 40°C	ca. 12.5 kg	ca. 626/255/210 mm Ø ca. 150 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.

\*\* Featuring a pressure gauge (PG) as a standard

\*\*\* Not approved as a fire extinguisher

## Car and household fire extinguishers

### Cartridge-operated fire extinguishers

DIN EN 3, GS, MED , BSI



#### *Carbon dioxide extinguishers made of aluminium or steel*

*Due to their compact design and ease of use, the devices are suitable wherever quick and easy use is required, e.g. in a car, workshop or kitchen.*



#### The main advantages of compact extinguishers

- Compact devices of standard class of high extinguishing performance
- Comfortable operation with one hand or easy activation with a lever – used both for carrying and activation
- High-pressure containers made of aluminium or high strength steel
- The stream of extinguishing agent can always be closed
- The devices can be controlled and refilled

#### Details and performance characteristics of compact extinguishers

- Externally coated with a weatherproof, durable coating made of 100% polyester resin (free of heavy metals) ensuring a long lifespan
- The smallest external dimensions due to the special design of the valve and container
- The valve body made of high-strength materials
- Fields of application Powder: **12 31 37 43 44**
- Fields of application Foam: **31 40**

# Car and household fire extinguishers

## Cartridge-operated fire extinguishers

DIN EN 3, GS, MED  BSI



### F 2 GM . F 2 G . F 1 G . F 1 GM Exclusive

- Stable bracket operating elements marked with colours (Easy Action)
- Rounded edges in a manner specified by the automotive industry
- Convenient one-hand operation (unlocking and activation possible with one hand)
- With box without a car bracket (F 1 GM Exclusive)



### P 2 GM . P 2 G . P 1 G

- Rounded edges in a manner specified by the automotive industry
- Convenient one-hand operation (unlocking and activation possible with one hand)



### PD 2 GA . PDE 1 GA

- Bracket with a lever made of steel sheet, painted in red
- Featuring a pressure gauge
- Straight bracket



F 2 GM . F 2 G . P 2 GM . P 2 G . PD 2 GA meet the requirements for the the German Law, transport of dangerous goods GGVS

### Löschbox-type box – foam extinguisher\* Löschbox-type box – powder extinguisher









- Highest security through a set of fire blanket and an extinguisher in one box
- Quick removal of the fire extinguisher from a stable bracket
- Easy removal of fire the blanket (approved in accordance with EN 1869, 1 x 1 m)
- Fire blanket used also to suppress fires of deep fryers containing up to 3 kg of fat
- Fire blanket material: fibreglass fabric with silicone-coating
- Fire blanket optimally protected against dirt



### S 2 LW

- An extinguishing agent forming a film with high extinguishing performance (filling capacity of 2 litres)
- Extremely long extinguisher discharge time
- High quality powder coating
- Container made of aluminium ensures long lifespan of the extinguisher
- Featuring pressure gauge – allows for constant visual inspection of the pressure



Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
 F 2 GM**	001873.0000	ABC powder of high performance 2 kg	PG 2 L	Nitrogen	13 A 89 B C 4 5	ca. 4 m ca. 10 s	-30°C to +60°C	ca. 3.4 kg	322/115/145 mm Ø 110 mm
 F 2 G	001863.0000	ABC powder of high performance 2 kg	PG 2 L	Nitrogen	13 A 89 B C 4 5	ca. 4 m ca. 10 s	-30°C to +60°C	ca. 3.4 kg	322/115/145 mm Ø 110 mm
F 1 G	001403.0000	ABC powder of high performance 1 kg	PG 1 L	Nitrogen	8 A 34 B C 2 2	ca. 4 m ca. 8 s	-30°C to +60°C	ca. 1.6 kg	270/95/124 mm Ø 90 mm
F 1 GM Excl.**	001413.1865	ABC powder of high performance 1 kg	PG 1 L	Nitrogen	8 A 34 B C 2 2	ca. 4 m ca. 8 s	-30°C to +60°C	ca. 2.2 kg	180/280/100 mm Ø 90 mm
 P 2 GM**	001473.0000	Glutex 2 kg	PG 2 L	Nitrogen	13 A 89 B C 4 5	ca. 4 m ca. 10 s	-30°C to +60°C	ca. 3.4 kg	322/111/145 mm Ø 110 mm
P 2 G	001463.0000	Glutex 2 kg	PG 2 L	Nitrogen	13 A 89 B C 4 5	ca. 4 m ca. 10 s	-30°C to +60°C	ca. 3.4 kg	322/111/145 mm Ø 110 mm
P 1 G	001433.0000	Glutex 1kg	PG 1 L	Nitrogen	8 A 34 B C 2 2	ca. 4 m ca. 8 s	-30°C to +60°C	ca. 1.6 kg	270/95/120 mm Ø 90 mm
 PDE 1 GA**	001393.0000	ABC powder extinguisher 1 kg	PG 1 L	Nitrogen	8 A 34 B C 2 2	ca. 4 m ca. 7 s	-30°C to +60°C	ca. 1.6 kg	280/93/135 mm Ø 90 mm
 PD 2 GA**	001493.0000	ABC powder extinguisher 2 kg	PG 2 L	Nitrogen	13 A 70 B C 4 4	ca. 4 m ca. 9 s	-30°C to +60°C	ca. 3.4 kg	330/115/155 mm Ø 110 mm
 S 2 LW** with a fire blanket	002536.2042	Foam 2 l	S 2 L	Nitrogen	5 A 55 B 1 4	ca. 4 m ca. 20 s	0°C to 60°C	ca. 4.3 kg	370/230/160 mm Ø 110 mm
 F 2 G with a fire blanket	002536.2043	Powder extinguisher 2 kg	PG 2 L	Nitrogen	13 A 89 B C 4 5	ca. 4 m ca. 10 s	-30°C to +60°C	ca. 4.6 kg	370/230/160 mm Ø 110 mm
 S 2 LW**	001551.0000	Foam 2 l	S 2 L	Nitrogen	5 A 55 B 1 4	ca. 4 m ca. 20 s	0°C to 60°C	ca. 3.1 kg	365/110/152 mm Ø 108 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.

\*\* Featuring a pressure gauge as a standard

## Mobile foam extinguishing devices

### Refillable fire extinguishers

EN 1866, MED , BSI



#### *Mobile foam extinguishers*

*The perfect supplement for facilities with high fire hazard, particularly in warehouses for plastic elements, airports, in the chemical industry, fuel depots, areas with flammable liquids, as well as large-scale garages.*



#### The main advantages of mobile foam extinguishing devices

- Approved in accordance with EN 1866
- Designed for practical use by one person
- Space saving by arranging the hose around the extinguishing agent container
- The rotating pistol allows targeted fire-fighting
- Extinguishing agent container entirely made of stainless steel
- Stable through optimal centre of gravity
- An extinguishing agent forming a film, particularly suitable for liquid fires

#### Details and performance characteristics of mobile foam extinguishing devices

- Durable weatherproof external shell
- Large wheels (30 cm), ideal for height differences
- Selectable high pressure hose with the length of 5 or 10 m for flexible use
- Built-in safety valve in the closing fittings
- Safe placement of the nitrogen propellant cylinder in the stabilising bow
- Fields of application: **11 30 32 33 37 42**

## Mobile foam extinguishing devices

### Refillable fire extinguishers

EN 1866, MED , BSI



#### SKK 50/5/10 . S 50 F 20/10

- Type SKK with an environmentally friendly, easy in maintenance piston cartridge
- Featuring maximum mobility, even in hard to reach seats of fire
- Placement of foam-forming concentrate and water separately due to the patented cartridge with piston
- Ecological maintenance and simple refilling
- The possibly of using the portable fire extinguisher after refilling
- The long-term durability of foam with consistently high extinguishing performance
- Due to the use of the piston, the extinguishing agent is mixed in 100%, even at high viscosity
- Type SKK 50 with marine approval (MED)
- Type S 50 F 20 freeze-resistant up to the temperature of -20°C
- The product pressure is less than 1,000, so an examination performed by ZÜS is not required
- The use in terms of systems with a voltage of 1000 V/1 m distance



Steering wheel and stabilising bow



The rotating screwed nozzle



Cartridge



#### SEF 50/5/10 . SEF 150/10

- Type SEF 50, SEF 150 with marine approval (MED)
- A significant casting range through a foam nozzle, hence the use is limited to areas without electricity
- SEF 50 available with a high-pressure hose with an optional length of 5 or 10 m






A screwed stream-forming device



Wide bow of base



Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
 SKK 50	5 m: 000868.2969 10 m: 000869.2969	1 l foam-forming concentrate + 49 l of water 50 l	S 50 H-0	Nitrogen	IV B 50	ca. 10 m ca. 190 s	0°C to 60°C	ca. 78 kg	1050/565/675 mm Ø 400 mm
S50F20	10 m: 000869.2977	Foam 50 l	S 50 H-20	Nitrogen	50	ca. 10 m ca. 190 s	-20°C to +60°C	ca. 78 kg	1050/565/675 mm Ø 400 mm
 SEF 50	5 m: 000896.2851 10 m: 000899.2851	Foam 50 l	S 50 H-0	Nitrogen	IV B 50	ca. 10 m ca. 47 s	0°C to 60°C	ca. 84 kg	1150/475/570 mm Ø 315 mm
 SEF 150	10 m: 000830.2851	Foam 150 l	S 150 H-0	Nitrogen	IV B 50	ca. 10 m ca. 151 s	0°C to 60°C	ca. 230 kg	1340/645/935 mm Ø 450 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.



## Mobile powder extinguishing devices

### Refillable fire extinguishers

EN 1866, MED 



#### *Mobile powder extinguishers*

*Ideal for use in larger premises with fire hazard, e.g. in factories, warehouses, large-scale garages/underground multi-storey car parks and heating systems*



#### The main advantages of mobile powder extinguishing devices

- Tested in accordance with EN 1866
- Designed for practical use by one person
- Allows for space-saving by arranging the hose around the extinguishing agent container
- Stable due to the optimal/convenient centre of gravity
- The rotating pistol allows targeted fire-fighting

#### Details and performance characteristics of mobile powder extinguishing devices

- Durable weatherproof external shell
- Large wheels (30 cm), ideal for height differences
- Depending on the type, a high pressure hose with the length of 5 or 10 m for flexible use
- Fields of application: **9 11 16 32 37 42**



## Mobile powder extinguishing devices

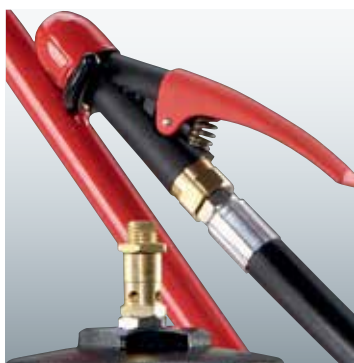
### Refillable fire extinguishers

EN 1866, MED 



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

- Safe placement of the nitrogen propellant cylinder in the stabilising bow
- Built-in safety valve in the closing fittings
- Large, easy to maintain filling hole
- Featuring maximum mobility, even in hard to reach seats of fire
- Type P 50 G with marine approval (MED)
- Type P 50 SV with high-quality powder based on potassium sulphate, suitable for use in combination with foam
- Type P 50 M with an applicator to extinguish metal fires and hose with the length of 10 m



The rotating pistol



Steering wheel and stabilising bow



#### PEF 50/5/10 . PEF 100/10

- The product is less than 1,000, so an examination performed by ZÜS is not required (PEF 50)
- Suppressible attacking device with high range
- Type PEF 50, PEF 100 with marine approval (MED)








Suppressible attacking device



Wide bow of base



Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
 P 50 G	5 m: 000901.2969 10 m: 000906.2969	ABC powder extinguisher 50 kg	PG 50 H	Nitrogen	IV B 60**	ca. 10-12 m ca. 90 s	-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 extinguisher 50 kg	P 50 H	Nitrogen	IV B 60**	ca. 10-12 m ca. 90 s	-30°C to +60°C	ca. 82 kg	1070/475/560 mm Ø 300 mm
 P 50 M	10 m: 000907.2976	Powder for extinguishing metal fires 50 kg	PM 50 H	Nitrogen	D	Sprinkling ca. 90 s	-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 extinguisher 50 kg	PG 50 H	Nitrogen	IV B 60**	ca. 10-12 m ca. 40 s	-30°C to +60°C	ca. 84 kg	1050/465/550 mm Ø 300 mm
 PEF 100	10 m: 000820.2851	BC powder extinguisher 100 kg	PG 100 H	Nitrogen	IV B 125**	ca. 10-12 m ca. 75 s	-30°C to +60°C	ca. 120 kg	1290/550/770 mm Ø 300 mm

\* Extinguishing Agent Units. If the fire extinguishers were intended for both A and B fire classes, the lower EAU value is applied in the calculations.

\*\* Mathematical determination based on type PEF 50

## Large-sized mobile fire extinguishing devices CO<sub>2</sub>

### Cartridge-operated fire extinguishers

EN 1866, MED 



#### *Mobile carbon dioxide extinguishers*

*Large portable devices with high extinguishing efficiency are particularly suitable for areas threatened by potentially rapid spread of fire, such as the warehouses with hazardous materials, laboratories, transformers as well as for all aviation areas.*



#### The main advantages of mobile carbon dioxide extinguishers

- Approved in accordance with EN 1866
- The carbon dioxide nozzle allows the targeted use of the extinguishing agent
- Maximum mobility due to large, wide wheels
- Optimal for shipping: removable frame

#### Details and performance characteristics of mobile carbon dioxide extinguishers

- External propellant pressure vessels with a durable weatherproof external shell
- Extinguishing agent container with safety plates, test pressure 250 bar
- Excellent stability due to a robust tube frame
- Valve with a surrounding case
- Suitable for electrical systems with a voltage up to 1000 V at a minimum distance of 1 m, while respecting the DIN VDE 132 standard
- Fields of application: [9](#) [10](#) [26](#) [27](#) [35](#) [37](#)

## Large-sized mobile fire extinguishing devices CO<sub>2</sub>

### Cartridge-operated fire extinguishers

EN 1866, MED 



#### CF 10 . CF 20 . CF 30 . CF 50

- Due to the rotary valve, the devices are instantly ready to use
- Due to a valve lever, the extinguishing agent stream can always be stopped
- Additional handles at the nozzle enable safe and optimal operation
- High-pressure hose as a standard:

Type

CF 10 with 6 m

CF 20 with 6 m

CF 30 with 10 m

CF 50 with 10 m







Protected rotary valve



Wide, stable wheels, high mobility



The possibility of closing the flow of the extinguishing agent with the valve lever

Type	Part number	Extinguishing agent/quantity	Model	Propellant	Propellant performance EAU*	Extinguishing stream range/discharge time	Temperature range	Total weight	Bracket H/W/D Ø of container
 CF 10/6	000798.2851	CO <sub>2</sub> 10 kg	K 10	CO <sub>2</sub>	144 B 9	ca. 4 m ca. 17 s	-30°C to +60°C	ca. 42 kg	920/330/1000 mm Ø 154 mm
 CF 20/6	000766.2851	CO <sub>2</sub> 20 kg	K 20	CO <sub>2</sub>	2 x 144 B 18*	ca. 5 m ca. 27 s	-30°C to +60°C	ca. 72 kg	920/490/1050 mm Ø 232 mm
 CF 30/10	000802.2851	CO <sub>2</sub> 30 kg	K 30	CO <sub>2</sub>	3 x 144 B 27*	ca. 5 m ca. 30 s	-30°C to +60°C	ca. 110 kg	1050/510/1200 mm Ø 229 mm
 CF 50/10	000809.2851	CO <sub>2</sub> 50 kg	K 50	CO <sub>2</sub>	5 x 144 B 45*	ca. 6 m ca. 52 s	-30°C to +60°C	ca. 140 kg	1420/600/1200 mm Ø 267 mm

\* EAU = specification of the extinguishing agent units (EAU) based on the performance of type CF 10

## Accessories

### Optical smoke detectors and CO detectors

Type: RWM-F40, PX-1, RWM-10, 29HD-L, 29HD, X10-D

#### *Snooping and warning around the clock*

**Smoke detectors: top-class, compact, reliable, easy and safe to install.**

*Two-thirds of fires in houses and apartments start at night. Rapidly spreading toxic combustion and fire gases cannot be felt during sleep; people lose consciousness. In addition, the smoke blocks the escape routes; orientation is limited in situations requiring emergency care. Our smoke detectors provide fast and accurate assistance day and night, thereby providing life-saving extra time, and in the case of fire at an early stage, they may allow for the use of extinguishing devices at hand.*



#### **Fields of application**

- Bedrooms, children's rooms, kitchens, hallways/staircases, lounges, all escape routes
- Campers/caravans (Type RWM-10 and RWM-F40)
- Sensors for long-term monitoring PX-1 and RWM-10 are ideal for residential housing

#### **Product features and operating characteristics**

- All variants are battery-powered, no wiring!
- Type GLORIA RWM-F40 with the ability to connect into a wireless network with up to 40 sensors without the use of a central controller
- Sensors for long-term monitoring with power supply for up to 12 years constitute a convenient single investment
- The alarm signal of at least 85 dBA at a distance of 3 m
- Featuring a test and mute function
- A signal after reaching the battery reserve
- Featuring fixing elements, operating instructions and assembly guidelines as a standard
- Compliant with RoHS

## Accessories

### Optical smoke detectors and CO detectors

Type: RWM-F40, PX-1, RWM-10, 29HD-L, 29HD, X10-D

#### Smoke detectors – type RWM-F40 with a wireless module

*the ability to connect to a radio network*

- The ability to connect up to 40 smoke detectors type RWM-F40 into a network without the use of a central controller
- The microprocessor-controlled radio module for bidirectional radio communication with fault monitoring and alarm signal transmission
- The integrated repeater function to strengthen the radio signal
- Bidirectional data exchange with other radio modules
- Monitoring for battery replacement, fault, radio path and signs of life
- In the case of operation in the radio mode, use a **replaceable** lithium 9V battery as power supply which will last for approx. 2 years. Without the radio mode, the typical battery lifespan is 10 years
- Additional certification in accordance with EN 14604 – Annex L! Suitable for use in areas with increased requirements – residential vehicles (caravans/campers)
- Suitable for use in kitchens and bathrooms due to the pre-warning in case of condensation
- A red LED indicates periodic battery test and functional test
- Optimal operation control: a fibre is used to test the alarm in accordance with DIN 14676 and as an alarm switch for temporarily muting in the event of unwanted alarms
- Featuring fixtures
- Optionally, you can additionally order an adhesive pad size ten (part number 925483.0010)
- Simple activation due to the Klick-In technology
- The fault indicator after reaching the contamination threshold\*
- Certification of a smoke detector without the radio module: VdS
- The design is identical as in the Detectomat HDv 3000 OS device



#### Smoke and heat detectors of the highest class – type PX-1 GLORIA Edition *stand-alone*

- Uninterrupted power supply for 12 years due to the permanently built-in branded lithium 3V battery
- Modern technology of dual sensors and processors for the detection of smoke and heat
- Constant evaluation of measurement data from both sensors for maximum effectiveness of alarm detection in real time
- No light-emitting diodes, making them ideal, e.g. to the bedroom
- Optimal control measures: the entire sensor cover is used to check the alarm in accordance with DIN 14676 and, at the same time, as a switch to temporarily mute the alarm in the event of unwanted alarms
- The sensor cover can be individually decorated; for example, it can be painted.
- Suitable for the kitchen
- Additional transparency by reading the event memory
- Featuring extremely tacky adhesive magnetic pad for clean, fast installation without drilling
- In addition, a bolt and a pin for conventional screwing are supplied in the kit at no extra charge
- A very loud alarm – 88 dBA at a distance of 3 m
- Decreased volume (approximately 65 dBA) during activation and test
- Fault indicator after reaching the contamination threshold\*
- Very compact: height of only 3.8 cm, Ø 10 cm
- Certification: TÜV NORD/Kriwan, Forchtenberg
- red dot design award winner 2012
- Stiftung Warentest 1/2013 – evaluation of quality: good





## Accessories

### Optical smoke detectors and CO detectors

Type: RWM-F40, PX-1, RWM-10, 29HD-L, 29HD, X10-D

#### Smoke detectors with quality certificate – type GLORIA RWM-10

*stand-alone*

- Uninterrupted power supply for 10 years due to the permanently built-in top-quality lithium 3V battery
- Meets the additional requirements of the VdS 3131 regulation
- Proven quality, certified in accordance with vfdb 14/01 regulation, has a Q-label\*\* certificate
- Additional certification in accordance with EN 14604 – Annex L! Suitable for use in areas with increased requirements – residential vehicles (caravans/campers)
- A red LED indicates periodic battery test and functional test
- Optimal control measures: the entire sensor cover is used to check the alarm in accordance with DIN 14676 and, at the same time, as a switch to temporarily mute the alarm in the event of unwanted alarms
- Includes fixing material
- Optionally, you can additionally order an adhesive pad size ten (part number 925483.0010)
- Simple activation due to the Klick-In technology
- Fault indicator after reaching the contamination threshold\*
- Certification: VdS
- Stiftung Warentest 1/2013 – evaluation of quality: good



#### Smoke detectors with a 5 year warranty – type KIDDE 29HD-L

*stand-alone*

- Uninterrupted power for 5 years due to a lithium 9V cell battery
- 5 year warranty for the proper functioning and power supply (in case of the product liability applicable in the USA)
- The battery should be replaced after 5 years
- A red LED indicates periodic battery test and functional test
- Featuring two function buttons for checking the alarm in accordance with DIN 14676 and as alarm switches for temporarily muting in the event of unwanted alarms
- Includes fixing material
- Simple activation due to the Klick-In technology
- Extremely compact design: height 3.5 cm, Ø 10 cm
- Certification: VdS



#### Smoke detectors with a 5 year warranty – type KIDDE 29HD

*stand-alone*

- Power supply of alkaline 9V cell battery
- 5 year warranty for the proper functioning (in case of the product liability applicable in the USA)
- **Replaceable** battery
- A red LED indicates periodic battery test and functional test
- Featuring two function buttons for checking the alarm in accordance with DIN 14676 and as alarm switches for temporarily muting in the event of unwanted alarms
- Includes fixing material
- Simple activation due to the Klick-In technology
- Extremely compact design: height 3.5 cm, Ø 10 cm
- Certification: VdS



\* The microprocessor adjusts the sensitivity in order to reduce the influence of dust, etc.  
If the contamination threshold is exceeded, the device generates a help signal.

\*\* The Q-label certificate is an independent mark of quality for top-quality smoke detectors which are particularly suitable for long term use.

## Accessories

### Optical smoke detectors and CO detectors

Type: RWM-F40, PX-1, RWM-10, 29HD-L, 29HD, X10-D

#### Test aerosol for smoke detectors – part number 925847.0000

You can check the already dismantled smoke detectors without leaving any deposits.

The aerosol is sprayed directly into the smoke chamber or the smoke inlet holes.

150 ml capacity for up to max. 150 uses

#### CO detectors: unrivalled durability

KIDDE CO detectors, detecting carbon monoxide – the invisible, odourless and in high concentrations deadly substance. Within a few seconds, even at its lowest concentration, and reliably communicate this through audible as well as visual signals. And they do so for a period of at least 10 years.

#### Fields of application

Gas, oil, briquette or pellet heating systems, stoves, hearths or coal stoves, cookers and gas boilers or other open fire places in the living area.

#### CO detectors with battery lifespan of 10 years – the type KIDDE X10-D

stand-alone

- Battery-powered, no wiring
- 10 years warranty for uninterrupted power supply in the form of a top-quality soldered lithium 3V battery
- 10 years warranty for the sensor
- Audible and visual alarm signal
- Featuring two function buttons: test/reset and display of peak values since the last reset
- Event memory: 11-999 ppm
- Alarm levels 50, 100, 300 ppm
- Tested and certified in accordance with EN 50291:2010
- Featuring fixtures
- Alarm signal: 85 dBA at a distance of 3 m



Type	Warranty for functioning**	Battery lifespan	Battery reserve signal	Sound alarm of 85 dBA at a distance of 3 m	Testing function	Contamination compensation	Dual heat sensor	Dimensions (cm)	Temperature range
Certification	Part number sensor	Battery type	Replaceable battery?	Decreased volume during the test	Mute/HUSH	Residual vehicles	Suitable for the kitchen	Weight	Humidity
RWM-F40 VdS	2 years 002518.0005	ca. 2 years when operating in the radio mode lithium 9V cell battery	yes yes	85 dBA no	yes yes	yes yes	no yes	Ø 10/H 5.2 156 g	-10°C to +60°C up to 95%
PX-1 GLORIA Edition TÜV NORD/Kriwan	12 years 002518.0003	12 years lithium 3V	yes no	88 dBA yes	yes yes	yes no	yes yes	Ø 10/H 3.8 180 g	-10°C to +55°C up to 90%
RWM-10 VdS	10 years 002518.0010	10 years lithium 3V	yes no	85 dBA no	yes yes	yes yes	no no	Ø 10/H 5.9 136 g	-10°C to +60°C up to 95%
29HD-L KIDDE VdS	5 years 002518.2979 002518.2979	5 years lithium 9V cell battery	yes yes	85 dBA no	yes yes	no no	no no	Ø 10/H 3.5 145 g	0°C to +40°C up to 93%
29HD KIDDE VdS	5 years 002518.2978	ca. 2 years alkaline 9V cell battery	yes yes	85 dBA no	yes yes	no no	no no	Ø 10/H 3.8 145 g	0°C to 40°C up to 93%
X10-D KIDDE CO alarm	10 years 002518.0200 002518.0200	10 years lithium 3V	yes no	85 dBA no	yes no	no no	no no	W11.8xH7.1xT4 150 g	0°C to 40°C up to 93%

\*\* The warranty for batteries/electronics as well as defective materials and defects arising in the production and in the case of following the instruction manual. All sensors supplied as a standard with fixtures (screw/pin) and instruction manual. Type PX-1 GLORIA Edition additionally features a magnetic adhesive gel pad

## Accessories

### Fire extinguisher covers

FS-6/EK . FSH-6/E . KWH-12

#### Fire extinguisher cover FS-6/EK

*Ideally suited for the protection of portable fire extinguishers.*

*Fits almost all 6 kg extinguishers.*

The cover is made of a transparent plastic material and is resistant to temperatures ranging from -20°C to +60°C.

The back part is made of a plastic material comprising: 2 x latches 2 x hand grips.

The closing parts can be sealed.

#### Fire extinguisher cover FSH-6/E

*The cover protects the portable fire extinguishers, especially in a car/truck.*

*Fits almost all 6 kg extinguishers.*

The cover is made of a transparent plastic material and is resistant to temperatures ranging from -20°C to +60°C.

The back part is made of metal (hot dip galvanised), so it is particularly stable.

Easy to install due to the clamping ring and 2 latches, hand grips with marked spots for making holes.

The closing parts can be sealed.

#### Cover for KWH-12 fire extinguishers

*The cover protects the portable fire extinguishers, suitable to be mounted on the wall.*

*Fits almost all GLORIA fire extinguishers up to 12 kg, also 5 kg CO<sub>2</sub> extinguishers (only when made of aluminium)*

The extinguisher cover is made of a transparent plastic material and it is resistant to temperatures ranging from -20°C to +60°C.

Featuring 2 metal chromated latches.

The closing parts can be sealed.



FS-6 E/K



FSH-6 E



KWH-12

Type	Part number	Dimensions (H x W x D in mm)	Weight (g)
Fire extinguisher cover FS-6 E/K	002511.0000	620 x 320 x 210	1,390
Fire extinguisher cover FSH-6 E	002504.0000	620 x 310 x 190	2,480
Cover for KWH-12 fire extinguishers	002520.0000	800 x 360 x 220	1,800

## Accessories

### Fire extinguisher covers

#### Truckbox, Bigbox

#### TruckBox compact – ideal for the transport of hazardous goods

*For protection against weather conditions and preserving the characteristics of portable fire extinguishers.*

##### Product features and operating characteristics

- Lightweight and very compact design
- A red container made of injection moulded polypropylene with a metal base plate – can be recycled in 100%
- Tested foam cartridges and an additional band clip which protects the extinguisher against vibration
- Triple protection with two elastic rubber closures and additional protection in the form of a fire extinguisher symbol stamped on the cover
- Rotation by 180° allows to select the opening direction
- Suitable for use with GLORIA 6 kg extinguisher of the PRO and STAR line, type P/PH/PX and PS/PSE/PD
- Resistant to temperatures ranging from -40°C to +80°C.
- With the installation instructions, packaged individually in cardboard boxes



Truckbox

#### Bigbox for mounting on walls and in vehicles

*For protection against weather conditions and preserving the characteristics of portable fire extinguishers.*

##### Product features and operating characteristics

- Lightweight and practical design
- The container is made of impact-resistant polypropylene, injection moulded and compliant with REACH
- Protection against splashing due to the rubber seal around the perimeter
- Red top part with a sight-glass and a TÜV label and a black bottom part (vibration test confirmed by TÜV Rheinland), black bottom part
- In order to secure the fire extinguisher, a nylon band (red) is used with a latch and additional protection against scratches; a safe double lock placed on the side
- Optional sealing of the container
- Fire extinguisher symbol stamped twice on the cover
- Rotation by 180° to select the opening direction
- Suitable for use with multiple GLORIA powder and water extinguishers up to 9 kg/l
- In the case of mounting in a vehicle, the weight of the affixed extinguisher is limited to 12 kg
- Bigbox is designed for container diameters of at least 140 mm up to max. 195 mm
- Resistant to temperatures ranging from -40°C to +70°C.
- With the installation instructions, packaged individually in cardboard boxes



Bigbox

Type	Part number	Dimensions (H x W x D in mm)	Weight (g)
TruckBox compact	002513.0000	560 x 300 x 180	2,500
Bigbox	002513.0001	643 x 279 x 227	2,500

## Accessories

### Protective cases

for 6 kg, 12 kg or 50 kg devices

**Material:**

- Polyester
- Water-resistant
- UV-resistant



Protective covers for 6 kg devices



Protective covers for 12 kg devices

Protective covers for 50 kg devices

Type	Part number
Protective cover, orange, for 6 kg devices	925704.0000
Protective cover, yellow, for 6 kg devices	925705.0000
Reinforced plastic sheeting, transparent, for 6 kg devices	902200.0000
Protective cover, orange, for 12 kg devices*	925661.0000
Protective cover, yellow, for 12 kg devices*	925662.0000
Reinforced plastic sheeting, transparent, for 12 kg devices*	902210.0000
Protective cover, yellow, for 50 kg devices	925663.0000
Protective cover, orange, for 50 kg devices	925664.0000

\* also 5 kg CO<sub>2</sub> devices (only made of aluminium)



## Accessories

### Safety cabinets for fire extinguishers

#### Cabinets for fire extinguishers

##### Protective cabinets

##### for fixing the fire extinguisher in accordance with DIN EN 3

Protective cabinet made of galvanized sheet steel, powder coated in red RAL 3001 and marked with a sign containing a symbol in accordance with ISO 7010, optionally available as a wall cabinet for surface mounting (type WS) or as a recess cabinet with a surface strip around the perimeter (type ES). The "mS" variant which is closed with a cylinder lock with a key behind a protective glass instead of a plastic bracket placed in the pocket.



Type	Part number	Model	Dimensions (mm)	P 6*	P 12	W 6*	W 9	S 6*	S 9	K 2	K 5	F 6	P50 S50
ES-FL 6	007017.3930	Recess cabinet	300 x 700 x 180	✓	—	✓	—	✓	—	✓	—	—	—
ES-FL 6 mS	007017.4930	— with cylinder lock	300 x 700 x 180	✓	—	✓	—	✓	—	✓	—	—	—
ES-FL 12	007017.5930	Recess cabinet	300 x 700 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
ES-FL 12-mS	007017.6930	— with cylinder lock	300 x 700 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
WS-FL 12	007017.2930	Wall cabinet	340 x 720/765 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
WS-FL 12-mS	007017.7930	— with cylinder lock	340 x 720/765 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
ES-FL KS	007047.3930	Recess cabinet	350 x 900 x 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
ES-FL KS-mS	007047.4930	— with cylinder lock	350 x 900 x 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
WS-FL KS	007047.2930	Wall cabinet	350 x 900/945 x 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
WS-FL KS-mS	007047.7930	— with cylinder lock	350 x 900/945 x 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
WS-FL 50	007057.2930	Wall cabinet	700 x 1200/1300 x 800	—	—	—	—	—	—	—	—	—	✓
WS-FL 50-mS	007057.7930	— with cylinder lock	700 x 1200/1300 x 800	—	—	—	—	—	—	—	—	—	✓

\* with the exception of the Design line

##### Protective cabinets

##### for fixing max. two fire extinguishers in accordance with DIN EN 3

Type	Part number	Model	Dimensions (mm)	P 6*	P 12	W 6*	W 9	S 6*	S 9	K 2	K 5	F 6	P50 S50
ES-FL 2x6	007027.3930	Recess cabinet	600 x 700 x 180	✓	—	✓	—	✓	—	✓	—	—	—
ES-FL 2x6 mS	007027.4930	— with cylinder lock	600 x 700 x 180	✓	—	✓	—	✓	—	✓	—	—	—
ES-FL 2x12	007027.5930	Recess cabinet	600 x 700 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
ES-FL 2x12-mS	007027.6930	— with cylinder lock	600 x 700 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
WS-FL 2x12	007027.2930	Wall cabinet	640 x 720/765 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
WS-FL 2x12-mS	007027.7930	— with cylinder lock	640 x 720/765 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—

\* with the exception of the Design line

##### Protective cabinets

##### for fixing the fire extinguisher in accordance with DIN EN 3 and a manual call point

Type	Part number	Model	Dimensions (mm)	P 6*	P 12	W 6*	W 9	S 6*	S 9	K 2	K 5	F 6	P50 S50
ES-FL 6-FM	007117.3930	Recess cabinet	300 x 880 x 180	✓	—	✓	—	✓	—	✓	—	—	—
ES-FL 6-FM-mS	007117.4930	— with cylinder lock	300 x 880 x 180	✓	—	✓	—	✓	—	✓	—	—	—
ES-FL 12-FM	007117.5930	Recess cabinet	300 x 880 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
ES-FL 12-FM-mS	007117.6930	— with cylinder lock	300 x 880 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
WS-FL 12-FM	007117.2930	Wall cabinet	340 x 870/900 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—
WS-FL 12-FM-mS	007117.7930	— with cylinder lock	340 x 870/900 x 220	✓	✓	✓	✓	✓	✓	✓	—	✓	—

\* with the exception of the Design line

## Accessories

### Fire blankets and fire blanket containers

DIN EN 1869:2001

GLORIA fire blankets are used not only to suppress hazardous fat fires, but also in the private and trade sector, in large kitchens, cafeterias, fast food outlets and restaurants.

#### Fields of application

Ideal for extra protection during outdoor barbecue, for camping/caravanning, near the stove, in kindergartens, schools, laboratories, workplaces and galleys on ships

#### Product features and operating characteristics

- Fire blanket for standard deep fryers and equipment for deep-frying of a max. capacity of 3 l
- Optimal storage in the GLORIA fire blanket container
- The LD 1 type fire blanket can be immediately removed by pulling the handles
- The fire blanket container powder coated in red RAL 3001 in accordance with the regulations of professional associations BGV A 8
- Fire Blanket LD 1 (dimensions 1600 x 1800 mm) made of fibreglass similar to terry cloth (100%) with sewn-on handles, resistant to temperatures up to 550°C
- Also available in a smaller version (type G120) for home use made of fibreglass fabric coated with silicone (120 x 120 cm)



Type	Part number	Dimensions	Dimensions of design
GLORIA G 120 fire blanket	002515.0000	120 x 120 mm	Fire blanket for home use
LD 1 fire blanket	353331.0000	1600 x 1800 mm	Fire blanket for LDB
LDB fire blanket container	007007.2930	315 x 3150 x 150 mm	Fire blanket container made of metal, red
LDB along with LD 1	007007.2932	315 x 3150 x 150 mm	Fire blanket container with LD 1 fire blanket

## Accessories

### Design stands – racks made of stainless steel or other metal

#### Cabinets for fire extinguishers

#### “Design” stands

“Design” stands for portable fire extinguishers with a capacity of 4/6/9/12 kg/l are also suitable for 5 kg CO<sub>2</sub> devices (only made of aluminium).

This rack has a beautiful, timeless design, features variable height of placing the fire extinguishers and provides good stability.

- Colour: black RAL 9005
- High-quality paint
- Featuring the option of mounting to the substrate

#### Stainless steel stand for fire extinguishers

Top-quality, compact column made of stainless steel 1.4301.

Allows for quick placement of a portable fire extinguisher, allowing for saving space and providing attractive appearance.

- With round foot, two-piece

#### Metal stand for extinguishers

- With a rectangular foot
- VE 5 pcs



“Design” stand



Stainless steel stand for fire extinguishers









Metal stand for extinguishers

Type	Part number	Dimensions (mm)
“Design” stand	002538.0000	Height: 700 Ø: 300
Stainless steel stand for fire extinguishers	002566.0031	Height: 735 Ø of base: 310
Metal stand for extinguishers	002566.0000	Height: 735 Base: 300 x 300

## Accessories

### Extinguisher hangers

Wall hanger, car hanger, deck hanger, wire hanger








Illustration	Type	Part number	Fields of application
	Wall hanger	300150.0000	For all portable fire extinguishers (exception: car fire extinguishers and 2 kg CO <sub>2</sub> fire extinguishers)
	Wall hook	151165.0000	KS 2 (aluminium or steel) available since ca. October 2009.
	Car hanger, painted	352988.0000	Ø 150 mm, for 6 kg powder extinguisher from STAR/PRO/EASY lines, P 6, PSE 6, PS 6, PEP 6, Pi 6, PSP 6, also conditionally for PD 6 and PDE 6
	Car hanger, painted*	353078.0000	Ø 150 mm, for 6 kg powder extinguisher such as PD 6, PDE 6
	Car hanger, painted*	353082.0000	Ø 150 mm, for 6 l water extinguishers from STAR/PRO/EASY lines, SKK 6, SE 6, Si 6, Wi 6, SD 6
	Car hanger, painted*	353080.0000	Ø 150 mm, for 4 kg dry powder extinguishers and 3 l water extinguishers such as PD 4, FB 3 EASY, SFi 3, W 3 D
	Car hanger, painted*	352768.0000	Ø 170 mm, for 9 kg powder extinguishers from STAR/PRO/EASY lines, PS 9, PSE 9, PD 9
	Car hanger, painted*	354496.0000	Ø 170 mm, 6 l water extinguishers such as S 6, W 6, S 6 D
	Car hanger, painted*	353084.0000	Ø 190 mm, for 12 kg powder extinguishers and 9 l water extinguishers from 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
	Car hanger, painted*	356696.0000	Ø 190 mm, for 9 l water extinguisher such as SD 9, WD 9
	Car hanger, painted*	353086.0000	Ø 190 mm, for 9 kg powder extinguisher such as PS 9, PD 9, to ca. the end of 2003
	Car hanger, painted*	353887.0000	Ø 152 mm, for KS 5 SE (made of aluminium)
	Deck hanger, painted, adjustable	302290.0000	Ø 150-170 mm, for 6 kg powder extinguisher from STAR/PRO/EASY lines, P 6, PSE 6, PS 6, PEP 6, Pi 6, PSP 6, PD 6, PDE 6, 6 l water extinguishers from STAR/PRO/EASY lines, SKK 6, SE 6, Si 6, Wi 6, SD 6, KS 5 SE (made of aluminium), also conditionally for KS 5 ST (made of stainless steel), however, the band clip is placed very low
	Deck hanger, painted	338450.0000	Ø 150 mm, for 6 kg powder extinguisher from 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 water extinguishers from STAR/PRO/EASY lines, SKK 6, SE 6, Si 6, Wi 6, SD 6

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## Accessories

### Extinguisher hangers

Wall hanger, car hanger, deck hanger, wire hanger

Illustration	Type	Part number	Fields of application
	Deck hanger, painted	338460.0000	Ø 190 mm, for 12 kg powder extinguishers and 9 l water extinguishers from STAR/PRO/EASY lines, P 12, PS 12, PEP 12, PSP 12, Pi 12, PD 12, PDE 12 (and PS 9, PD 9 to ca. the end of 2003), SKK 9, SE 9, Si 9, Wi 9, W 9 D, S 9 D
	Wire hanger, painted (For buses/ships/road-rail vehicles/construction vehicles)	310410.0000	Ø 150 mm, for 9 kg powder extinguishers from STAR/PRO/EASY lines, P 6, PS 6, PEP 6, Pi 6
	Wire hanger, galvanised (For buses/ships/road-rail vehicles/construction vehicles)	309270.0000	Ø 150 mm, for 9 kg powder extinguishers from STAR/PRO/EASY lines, P 6, PS 6, PEP 6, Pi 6
	Wire hanger	356166.0000	Ø 117 mm, for KS 2 (made of aluminium) in the case of the cylinder height of 412 mm, since ca. January 2004
	Wire hanger*	356199.0000	Ø 104 mm, KS 2 (made of steel), since January 2012
	Wire hanger*	353810.0000	Ø 117 mm, KS 2 (made of aluminium) in the case of the cylinder height of 440 mm, since ca. June 2002 to December 2003
	Wire hanger*	349692.0000	Ø 102 mm, KS 2 (made of aluminium)
	Wire hanger*	313950.0000	KS 2 (aluminium version), to about 1989
	Wire hanger	351699.0000	Ø 108 mm, S 2 LW, since ca. February 1997
	Special hanger, painted (for buses/ships/road-rail vehicles/construction vehicles)	355344.0000	Ø 150 mm, 6 kg powder extinguishers from STAR/PRO/EASY lines, PSE 6, PS 6
	Special hanger, painted (for buses/ships/road-rail vehicles/construction vehicles)	351553.0000	Ø 150 mm, for 6 kg powder extinguishers such as F6 G. from STAR/PRO/EASY lines, PSE 6, PS 6 Ø 150 mm, 6 l water extinguishers from STAR/PRO/EASY lines, SKK 6, SE 6, Si 6, Wi 6, SD 6

\* Image similar to the original

Safety First

**GLORIA**



## Accessories

### Extinguisher hangers

Wall hanger, car hanger, deck hanger, wire hanger

Illustration	Type	Part number	Fields of application
	Car hanger, two-piece consisting of:	350937.0000	F1/P1 (aluminium container)
	Hanger rear (single)	148969.0000	F1/P1 (aluminium container)
	Band clip (single)	350757.0000	F1/P1/PDE 1
	Hanger rear (single)	150164.0000	PDE 1 (steel container)
	Wire hanger (single) with band clip made of stainless steel	351609.0000	P1/PDE 1
	Car hanger, three-piece consisting of:	350938.0000	F2/P2/PD 2
	Hanger rear (single)	148984.0000	F2/P2/PD 2
	Band clip (single)	350789.0000	F2/P2/PD 2
	Car hanger, two-piece consisting of:	351344.0000	P2/PD 2
	Wire hanger (single)	350482.0000	P2/PD 2
	Band clip (single)	350789.0000	F2/P2/PD 2
	Fabric band clip (single)	350120.0000	F2/P2/PD 2
	Fabric band clip (with clip hook)	319400.0000	P2/PD 2
	Metal band clip	312320.0000	F2/P2/PD 2
	Pressed band clip (with automatic latch)	317400.0000	F2/P2/PD 2

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## Accessories

### Sign boards and signs

DIN EN ISO 7010, BGV A8, ASR A 1.3

*An extensive range of products includes a wide variety of sign boards and signs in accordance with, among others, ISO 7010, BGV A8 and ASR A 1.3.*

*Our products meet the required standards, and are additionally varied in terms of their mounting options. Sign boards and photoluminescent signs provide safety and orientation in the case of smoke as well as lighting or power failure.*

#### Fields of application

- Machinery and installations
- Walls
- Doors and gates
- Car parks and construction sites

#### Product features and operating characteristics

- Fire protection, evacuation and warning signs
- Mandatory and prohibitory signs
- Flags and perpendicular sign boards
- Different sizes and materials such as foil, plastic or KNS (photoluminescent self-adhesive plastic)
- KNS sign boards in accordance with DIN 67510
- On request, individual company imprints can be done



*Fire extinguishers in accordance with ISO 7010*



*Fire extinguisher hoses in accordance with ISO 7010*

## Accessories

### Fire simulation performed using 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.*

#### Fields of application

- Training
- Instructions
- Presentations for customers and companies

#### Product features and operating characteristics

- 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



The FTR50 basic module consists of: large-area fire mock-up, two cables supplying electricity and gas, remote control with cable length of 10 m and two pockets.



## Accessories

Fire simulation performed using FTR50

DIN 14097 – GDG, DIN VDE 100-410



Type	Part number	Material	Dimensions (H x W x D)	Weight	Power supply
The TR50 basic module consisting of a tub a large-area fire mock-up a 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 (F)	927421.0000	Stainless steel	580 x 230 x 280 mm	5 kg	--
2 Monitor mock-up	927422.0000	Stainless steel	430 x 370 x 350 mm	9 kg	--
3 Fire mock-up	927423.0000	Stainless steel	Height: 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 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	--

## Accessories

### Warning flashers with red and yellow LEDs

Tested in accordance with 2002/95/EC

*GLORIA warning flashers used for security purposes in the event of an accident or failure, marking hazardous areas, with 16 yellow, ultra bright LEDs and mounting bracket.*

#### Product features and operating characteristics

- 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
- A strong magnetic contact for the attachment to magnetic metal parts
- Visibility at night to approx. 1000 m in a straight line at good weather conditions
- Air/water visibility: up to 15 km
- Visibility range: 360°
- Lighting time up to 70 h (depending on the lighting mode)
- Immediately ready for use due to the powerful lithium 3V battery, type CR 123A (standard battery type – replaceable after use)
- An illustrated instructions manual for quick and easy battery replacement
- Due to the use of high strength plastic and an elastic TPR cover (blue or yellow) highly resistant to cracking and loads
- Dust and water resistant, floating
- Individually packed in cardboard boxes, instruction manual in German/English
- All materials used are in accordance with REACH

**It does not replace the protective measures specified in the to the German Law on road traffic (StVZO)!**



Warning flasher with a red LED



Warning flasher with a yellow LED

Type	Part number	Dimensions (Ø x H in mm)	Dimensions single box	Weight (g)	Temperature resistance
Warning flasher, orange red LED	002519.0000	105 x 35	110 x 110 x 40	200	-40°C to +60°C
Warning flasher, blue yellow LED	002519.0001	105 x 35	110 x 110 x 40	200	-40°C to +60°C



## Accessories

### Emergency and escape lighting fixtures

DIN EN 60598-1, DIN EN 60598-2-22, DIN EN 1838

*Emergency and escape lighting fixtures are to ensure safety and prevent accidents.*

*Lighting requirements are often complex and cannot be met using standard products.*

*Our products meet the required standards, and are additionally varied in terms of design and mounting options.*

#### Fields of application

Possible fields of application include schools, cinemas, department stores, restaurants and hotels.

#### Product features and operating characteristics

- Simple and universal mounting (wall or ceiling)
- Selection of the continuous mode or standby mode
- Emergency lighting operation time amounting to 3 hours
- Different areas of application due to the diversity of variants
- The light source is a white LED
- Set of pictographs included in the kit (screen printing RAL 6032)
- The test button: the test result, indication of status (operation, failure) with a colour LED, automatic charging control, protection against complete discharge with a restart block, stoppage in case of inactivity and short-circuit of the inverter



Type	Part number	Dimensions (W x H x D)	Distance	Voltage range	IEC protection class/ IP code
GLO-001	925991.0001	250 x 174 x 34 mm	24 m	230V 50/60Hz, 220V DC +25/-20%	II/IP54
GLO-002	925991.0002	260 x 155 x 70 mm	24 m	230V 50/60Hz, 220V DC +25/-20%	I/IP54
GLO-003	925991.0003	250 x 178 x 34 mm	22 m	230V 50/60Hz, 220V DC +25/-20%	II/IP54
GLO-004	925991.0004	360 x 92 x 125 mm	16 m	230V 50/60Hz, 220V DC +25/-20%	II/IP54
GLO-005	925991.0005	236 x 181 x 64 mm	24 m	230V 50/60Hz, 220V DC +25/-20%	I/IP40

## Fire extinguishing systems for building protection

### General offer

DIN 14497, based on the VDE and VDI guidelines

*GLORIA meets the requirements in the field of fire-extinguishing systems for protection of buildings and constantly develops its range of products to meet the customers' needs.*

We design and install individual and customised fire-extinguishing systems for:

- EDM equipment
- Machine tools
- Service machines
- Power panels and computer systems
- Fume hoods and exhaust air filtration systems
- Engine compartments (e.g. sport boats)



Depending on the application, the following fire extinguishing agents can be used: carbon dioxide, argon, extinguishing powder or aerosol. We have prepared a range of serial devices.

*In addition, we provide a range of customised solutions that we offer on request.*

## Fire extinguishing systems for building protection

### General offer

DIN 14497, based on the VDE, VDI and HVBG guidelines

#### Installation using a fire-extinguishing aerosol

##### B fire class – for fixed installation with manual activation

Trouble-free installation, easy operation, low maintenance costs

The extinguishing generator is provided for extinguishing burning objects in mostly enclosed or inaccessible areas, e.g. in engine compartments on ships.



Type	Part number	Capacity	Activation
SO 200 E-M	002883.0000	ca. 200 g	manual
Fittings: additional cartridge including a bracket and a connecting cable	352277.0000	ca. 200 g	manual
Replacement cartridge	351818.0000	ca. 200 g	manual

#### Powder extinguishing system with automatic activation

##### A, B, C fire classes – for fixed installation

External power supply not required, verifiable readiness to use at any time, flexibility in adapting to the object and flexible expandability, ease of maintenance – these are the characteristics of the compact extinguishing system where a fire is detected by means of a freely deployed “SensorFlexLine” wire with sensors, and the powder is applied directly at the site of a fire – completely automatically, even in the event of a power supply shortage within the device.

*In addition to the powder extinguishing system, we offer a wide range of individual options of execution, e.g. with additional manual or electric actuation, as an intermediate system with separate extinguishing agent hoses and nozzles, with higher amounts of extinguishing agents or including other extinguishing agents. Please contact us; we offer our advice*



Type	Part number	Tips
P 2 GFX *	002851.2246	for max. 2 SensorFlexLine wires with the max. length of 4 m each
P 6 GFX *	002852.2246	for max. 2 SensorFlexLine wires with the max. length of 6 m each
SensorFlexLine 1 m	150054.0100	
SensorFlexLine 4 m	150054.0106	
SensorFlexLine 6 m	150054.0108	

\* for each installation there are two detection wires of the desired length

#### Carbon dioxide installation 19" FLA

##### B fire class – a ready to use element inserted into the 19" system cabinets

Compact carbon dioxide installation for 19" system cabinets, entirely pre-assembled with a control device, smoke detector for fire detection, extinguishing agent supply and extinguishing agent nozzles. The typical application areas are network and server cabinets, production control systems, telephone switchboards, power panels and communication devices.

*Depending on the application, we can offer alternative solutions.*



Type	Part number	Extinguishing agent quantity	Permitted field of application
19" FLA-0.7	002867.0000	0.75 kg CO <sub>2</sub>	max. 1 m <sup>3</sup> volume of space
19" FLA-1.5	002867.2098	1.5 kg CO <sub>2</sub>	max. 2 m <sup>3</sup> volume of space

## Wall hydrants and the method of extinguishing with water

### General offer

DIN 14461, DIN 14462, DIN EN 671



DRAFT



In terms of wall hydrants and fire cabinets, we offer our customers, among others:

- Wall hydrants with a hose resistant to deformation of the F or S type, in accordance with DIN 14461-1
- Wall hydrants with flat hoses, in accordance with DIN 144616



We can also offer special versions designed and manufactured in accordance with your requirements and wishes – at low prices already for one piece.

Due to the above, GLORIA is a competent supplier, able to provide a full range of wall hydrant installations, as well as properly advise customers – in a professional and comprehensive manner.

The offer comprises the following equipment included in the method of extinguishing with water,

- Filling and emptying stations
- Water separation stations for fire protection purposes
- Pressure boosting systems for fire protection purposes
- Insulation of drinking water






as well as other products to supply with water for fire protection purposes or monitoring wall hydrants and installations.

*Due to our extensive offer, the products related to wall hydrants and the methods of extinguishing with water can be found in separate catalogues: "The method of extinguishing with water" or "Extinguishing devices utilising water". We can send them whenever you become interested.*

## Fire classification

### In accordance with EN 2

- Official classification of fires in accordance with EN 2

	<b>Class of fire</b>	 <b>A</b> Fires involving solid materials, mostly organic matter which usually burns, forming embers, e.g. car tires, hay, wood, coal, paper, straw, textiles	 <b>B</b> Fires involving liquid or liquidising materials, e.g. ether, alcohol, gasoline, benzene, fats, resins, plastics, paints, oils, paraffin, stearin, tar, wax	 <b>C</b> Fires involving gases, e.g. acetylene, butane, natural gas, methane, propane, coke oven gas, hydrogen	 <b>D</b> Fires involving metals, e.g. aluminium, potassium and its alloys, lithium, magnesium, sodium	 <b>D</b> Fires involving edible oils and fats
<b>Powder extinguishers featuring powder to extinguish glow fires</b>	<b>PG</b>	●	●	●		
<b>Powder extinguishers featuring powder to extinguish metal fires</b>	<b>PM</b>				●	
<b>Powder extinguishers featuring special powder</b>	<b>P</b>		●	●		
<b>Carbon dioxide extinguishers (CO<sub>2</sub>)</b>	<b>K</b>		●			
<b>Water extinguishers</b>	<b>W</b>	●				
<b>Fat extinguishers featuring a special extinguishing agent in the form of a liquid</b>	<b>F</b>	●	●			●
<b>Foam extinguishers</b>	<b>S</b>	●	●			

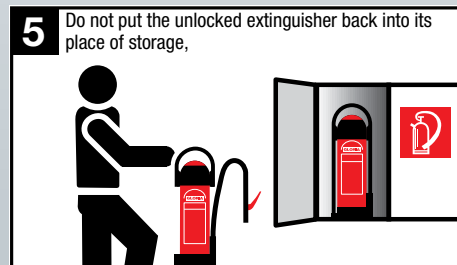
After any use or latest after 2 years the extinguisher must be serviced and refilled by an authorized GLORIA service partner. In commercial areas the service is required by DIN 14406, Part 4 every two years even if the extinguisher wasn't used.



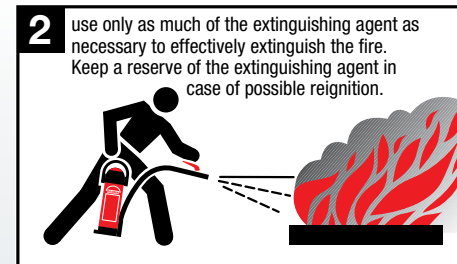
## The proper use

### Fire extinguishing devices

#### Incorrect



#### Correct



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# GLORIA®

## Safety First

Portable fire extinguishers  
Portable fire extinguishers  
Large-sized fire extinguishing devices  
Automotive systems  
The method of extinguishing with water  
Fire extinguishing systems for building protection  
Covers  
Protective cabinets  
Stands  
Extinguisher hangers  
Smokes alarm, fire simulators  
Accessories, spare parts, cooperation  
Trainings, seminars, information

Prepared by:



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