

# GLORIA®

## DIN 14406

### Dry Chemical Powder Extinguisher type P 6 SG, P 12 G, P 6 S/SV, P 12, P 12/SV, P 12 M

**A reliable and tested apparatus with a forward-looking comfort of service.**

GLORIA-Dry Chemical Powder Extinguishers are to be used for the following fire classes:

Fire Class	A	B	C	D
P 6 SG/F 12 G	●	●	●	
P 6 S/P 12 P 6 S/V/F 12 S/V		●	●	
P 12 M with applicator				●

German fire classes:

Fire class A: Fires affecting a glow when burning

Fire class B: Inflammable liquids

Fire class C: Gas expelled under pressure

Fire class D: Inflammable light metals

#### Decisive quality features:

- Container made of high quality steel sheet prime coated and lacquered with weathering resistant polyester resin coating red, RAL 3000
- External CO<sub>2</sub> propellant cartridge
- Metal fitting with integrated security valve
- Optical pressure indicator
- Ergonomic plastic handle with intermediate metal ply
- Delivery hose with interruptable extinguishing pistol
- New foot ring for a higher stability as well as damage protection of the container
- Integrated hose bracket and propellant cartridge bracket at the foot ring
- Great container charging hole
- Burst disc between end of ascending pipe and hose connection for perfect pressure build-up



Fire class A



Fire class B



Fire class C



Fire class A



Fire class B



Fire class C





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### Functional description

This dry chemical powder extinguisher has two extraordinary features:

1. the external propellant cartridge
2. the optical pressure indicator

By this a quick and safe readiness for use as well as utmost reliability

of service of the apparatus are guaranteed. If the fire extinguisher is set under pressure in an unauthorized or unintentional manner the red signal pin leaps out of the handle well visibly. The indication shows that the fire extinguisher is ready for use.

### Area of application:

Industry, commerce and craft, petrol stations, motor-car garages, shipping companies.

### Extinguishing agent:

GLORIA Glutex (for fire classes ABC) is a multi-purpose extinguishing powder. It consists of ammonium phosphate and ammonium sulphate. Resistant to influence of climate and water proof by means of modern water-repellent finishing of Silicon, long-term stable and resistant to influence of temperature.

GLORIA Extin (for fire classes BC) has proved to be a worthwhile extinguishing agent for fires of liquids and gas on the basis of sodium hydrogen carbonate. On request with high-effective, foam compatible powder.

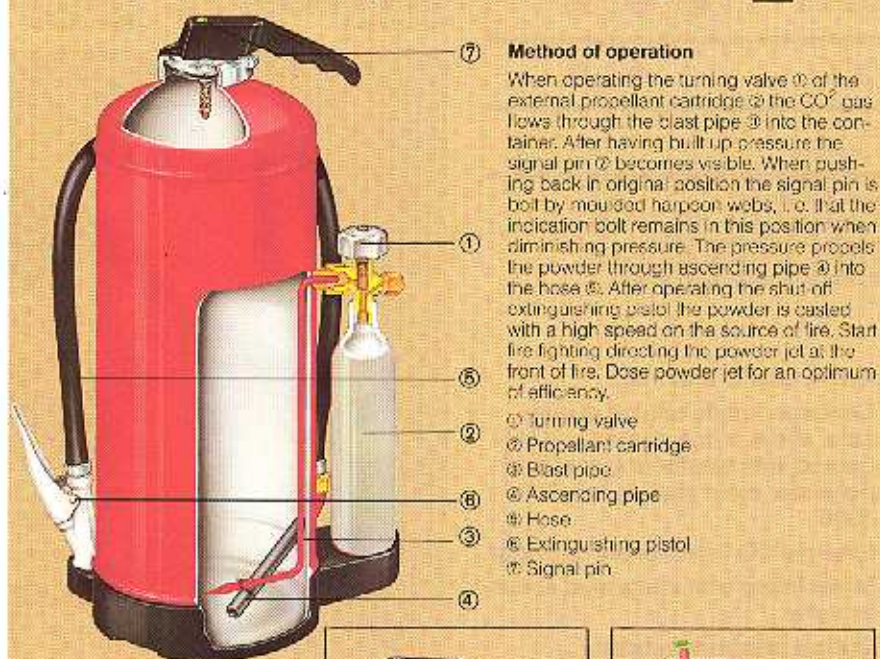
GLORIA Extin SV on potassium basis (for fire classes BC) available.

Type P 12 M as powder extinguisher DIN 14406 for metal fires; apparatus with additional applicator nozzle.



Fig. 1 Wall bracket.  
Fig. 2 Hose bracket.  
Fig. 3 Good foothold and protection of container by strong footrests.  
Fig. 4 Valve with handle and optical pressure indicator.

### Cut-away drawing GLORIA Dry Chemical Powder Extinguisher DIN 14406

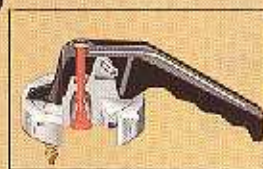


#### Method of operation

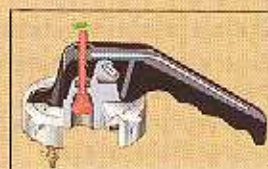
When operating the turning valve ① of the external propellant cartridge ② the CO<sub>2</sub> gas flows through the blast pipe ③ into the container. After having built up pressure the signal pin ⑦ becomes visible. When pushing back in original position the signal pin is held by rounded harpoon webs, i.e. that the indication bolt remains in this position when diminishing pressure. The pressure propels the powder through ascending pipe ④ into the hose ⑤. After operating the shut-off extinguishing pistol the powder is casted with a high speed on the source of fire. Start fire fighting directing the powder jet at the front of fire. Dose powder jet for an optimum of efficiency.

- ① turning valve
- ② Propellant cartridge
- ③ Blast pipe
- ④ Ascending pipe
- ⑤ Hose
- ⑥ Extinguishing pistol
- ⑦ Signal pin

**Attention!** Increase reliability in service by light control! These GLORIA fire extinguishers have an optical indicator (DBPa 24 50 555).



in neutral position



in working position

### Technical Details:

Type	Model	German official Registration No.	Weight of charged extinguisher kg	extinguishing agent	quantity of extinguishing agent kg	propellant gas	working pressure up to bar	discharge rate	Range of jet horzontal m	Scale of working temperature	Dimensions extinguisher in bracket		
											height mm	width mm	depth mm
P 6 SG	PG 6 H	PI-56/75	11,0	Glutex	6	CO <sub>2</sub>	15	10 - 14	4 - 5	-20°C to +60°C	500	275	170
P 12 G	PG 12 H	PI-59/75	19,3	Glutex	12	CO <sub>2</sub>	15	14 - 20	5 - 7	20°C to +60°C	585	305	215
P 6 S P 6 SV	PH 6 H	PI-62/75 PI-62/79	11,0	Extin Extin SV	6	CO <sub>2</sub>	15	10 - 14	4 - 5	-20°C to +60°C	500	275	170
P 12/ P 12 Sv	P 12 H	PI-65/75 PI-63/79	19,3	Extin Extin SV	12	CO <sub>2</sub>	15	14 - 20	5 - 7	-20°C to +60°C	585	305	215
P 12 M	PM 12 H	PI-21/52	20,0	Dry chemical powder for metal fires	12	CO <sub>2</sub>	15	14 - 20	Scattering effect	-20°C to +60°C	700	360	215