GLORIA®

Dry Chemical Powder Extinguisher

Types P 50 G/5/10, P 50/5/10, P 50 SV/5/10, P 50 M

This apparatus can be operated by one man and fills the gap between the portable fire extinguishers and the large extinguishers mounted on wheels.

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

Fire Classes	A	B	C	D
P 50 G/5/10	●	●	●	
P 50/5/10		●	●	
P 50 M/5/10				●
P 50 SV/5/10		●	●	

Fire class A: Fires effecting 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:

- Suitable placing of supporting handle, axis and supporting roll guarantees an optimal center of gravity of the apparatus as well as a good mobility
- Powder container made of high quality sheet steel (DIN 17100), approved by German TÜV, and with high quality stoved-enamel lacquer
- Easy-running, solid tyred steel wheels
- Increased security and good service possibilities by placing the separate nitrogen bottle in the supporting handle
- Quick readiness for use and space-saving by placing the hose around the powder container
- 5 resp. 10 m high pressure hose with textile insert
- Interruptable extinguishing pistol enables a dosed fire fighting
- With the mark "GS" = tested security

Extinction of a big fire

GLORIA®

Dry Chemical Powder Extinguisher

Types P 50 G/5/10, P 50/5/10, P 50 SV/5/10, P 50 M

Functional description:

A flexible apparatus which can be easily transported and used at unapproachable bases of fire by a carrying resp. supporting handle. When opening the nitrogen bottle the extinguisher will be charged and is ready for use. The extinguishing agent is discharged through rising pipe, 5 m resp. 10 m hose and extinguishing pistol, the latter enables a dosed fire fighting.

Fig. 1 Extinguishing pistol safely placed and protected at the guiding tube.
Fig. 2 Nitrogen bottle placed easy-to-service.
Fig. 3 Easy-running steel wheels.
Fig. 4 Space-saving placing of the hose.

Range of application:

Fire brigades, industry, motor-car garages, skyscrapers, department stores and warehouses, petrol stations, refineries etc.

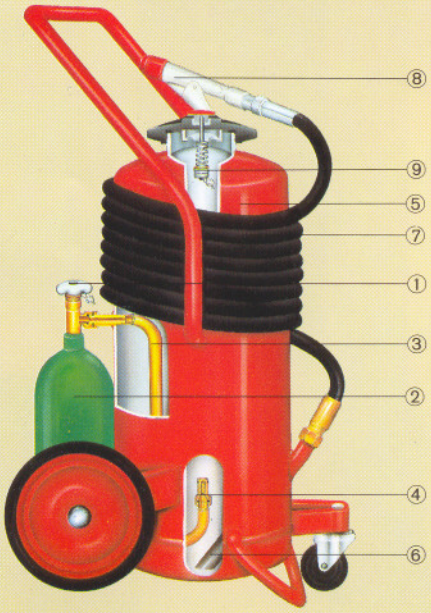
Extinguishing agent:

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 hydrophobing agents on silicone basis long-time stable and resistant to temperature.

GLORIA Extin (for fire classes BC) is a proved extinguishing agent for inflammable liquids and gas expelled under pressure and is based on sodium bicarbonate.

GLORIA Allinex is a dry chemical powder for metal fires (for fire class D) based on alkali chloride with solvent admixture, dripping components and water repellent finishing components. Apparatus with screwed applicator.

Cut-away drawing
GLORIA Dry Chemical Powder Extinguisher



Function:

By opening the screw valve ① the N2 gas flows out of the nitrogen bottle ② through the nitrogen tube ③ and the check valve ④ in the powder container ⑤. The powder will be loosened by the nozzles of the check valve and gets through the rising pipe ⑥ and the hose ⑦ to the interruptable extinguishing pistol ⑧. On operation of the same the powder is put out on the base of fire. Direct extinguishing jet to the flames beginning at the base of the fire.

① Screw valve
② Nitrogen bottle
③ Nitrogen tube
④ Check valve
⑤ Powder container
⑥ Rising pipe
⑦ Hose
⑧ Extinguishing pistol
⑨ Security valve

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 sec.	Range of jet horizontal m	Scale of working temperature	Dimensions extinguisher in bracket height mm	width mm	depth mm
P 50 G/5	PG 50 H	P3-9/78	99	Glutex	50	Nitrogen	14	50	10–12	– 20° C to + 60° C	1070	495	615
P 50 G/10	PG 50 **H**	P3-9/78	101	Glutex	50	Nitrogen	14	50	10–12	– 20° C to + 60° C	1070	495	615
P 50/5	P 50 H	P3-10/78	99	Extin	50	Nitrogen	14	50	10–12	– 20° C to + 60° C	1070	495	615
P 50/10	P 50 H	P3-10/78	101	Extin	50	Nitrogen	14	50	10–12	– 20° C to + 60° C	1070	495	615
P 50 M	PM 50 H	P3-12/78	102	Allinex	50	Nitrogen	14	50	eff. dispersion	– 20° C to + 60° C	1070	495	615
P 50 SV/5	P 50 H	P3-11/78	99	Extin SV	50	Nitrogen	14	50	10–12	– 20° C to + 60° C	1070	495	615
P 50 SV/10	P 50 H	P3-11/78	101	Extin SV	50	Nitrogen	14	50	10–12	– 20° C to + 60° C	1070	495	615

Technical alterations reserved.

Printed in Western Germany.

GLORIA 304/1/07.97/S-DVS/L-G/engl. GLORIA-WERKE Postf. 1160 D-59321 Wadersloh