

DAFO POWDER EXTINGUISHER

DATA SHEET



Construction

The extinguisher is manufactured according to the European standard, EN3, for extinguishers and CE marked.

All containers are made of steel and lacquered with resistant epoxy varnish. The valve is made of brass or aluminum. On the larger extinguishers, the valves have built-in burst disc that protects against overheating. Carrying handles and triggers are made of stainless steel. A powerful and easily accessible safety pin prevents accidental release.

The extinguishers are filled with high-efficiency powder and pressurized with nitrogen. Filling pressure is monitored with an easy-to-read pressure gauge.

6, 9 and 12 kg the extinguishers are equipped with a plastic foot ring that protects the container from abrasion and corrosion damage. Hose and nozzle are also attached to the base.

The extinguishers are supplied with a wall bracket. A heavy duty vehicle bracket or a strap holder is available as an accessory.



Plastic foot ring with nozzle holder included

A steady wall bracket

The extinguisher has a robust carrying handle and a powerful trigger for opening and closing the valve

Dafo powder extinguishers provide effective protection for any type of fire. They are filled with one of the best high-efficiency powders on the market and extinguish fire in combustible materials, plastics, liquids and gases as well as in electrical equipment.

The robust design combined with high quality materials and surface treatment makes the Dafo extinguishers suitable for the most demanding environments. They are approved for use in homes, on vehicles and ships and in the industry.

Easy handling and high extinguishing capacity give the user the best chances of coping with a fire incident.

Easy handling

The extinguishers are easy to handle as you both carry the extinguisher and operate the start and shut-off with the same hand.

Use

Suitable uses are on vehicles and ships as well as in farms, workshops and storage rooms. The easy handling also makes it suitable for private consumers in apartments, villas and holiday homes.

The 6 kg extinguishers meet the requirements of insurance companies for hot work. The low weight and small outer format combined with the high efficiency make the extinguisher especially suitable for construction companies, plumbers and others who need a robust extinguisher that is easy to carry.

The 6 kg extinguisher is also used on vehicles transporting dangerous goods. It complies with MSB's ADR rules.

Recommendation table

Size	2 kg	4 kg	6 kg	9 kg	12 kg
Cars	●	○			
Forklifts	○	●			
Construction machines		○	●		
Buses, trucks			●	○	●
Pleasure boats	●	●	○		
Cottages, apartments			●	○	
Villas, farms			○	●	
Hot work			●		
Industry, workshop				○	●

Technical data

Model	PD 4 GX	PDE 6	PD 6 GX	PD 9 G	PD 12 GA
Powder content	4 kg	6 kg	6 kg	9 kg	12 kg
Rating	27A 183B C	43A 233B C	55A 233B C	55A 233B C	55A 233B C
Filling pressure nitrogen	15 bar	15 bar	15 bar	15 bar	15 bar
Weight charged	6,4 kg	8.8 kg	9.1 kg	13,0 kg	17.1 kg
Height including valve	410 mm	500 mm	500 mm	610 mm	590 mm
Container diameter	ø 150 mm	ø 150 mm	ø 150 mm	ø 170 mm	ø 190 mm
Width including handle	240 mm	240 mm	240 mm	240 mm	270 mm
Valve	Brass	Aluminium	Brass nickel-plated		
Handle	Lacquered steel		Stainless steel		
Discharge time	12 sec	18 sec	18 sec	19 sec	20 sec
Range	4 - 6 m	5 - 8 m	5 - 8 m	5 - 8 m	5 - 8 m
Powder type	Glutex X	Glorex	Glutex X	Glorex	Adex
Operational temperature	-30 °C to +60 °C				
Approvals	CE, EN3	CE, EN3, MED	CE, EN3, MED	CE, EN3, MED	CE, EN3, MED
Part number	10-1004-20	10-1006-22	10-1006-24	10-1009-20	10-1012-22

Rules and requirements

The extinguishers meet the requirements for the following uses:

Model	Approved for	Rules from
2 kg	Hobby and vintage cars	Insurance company
	Pleasure boats	Swedish Maritime Administration and insurance companies
4 kg	Mini-machines	Insurance company
	Construction machinery Agricultural tractors	Insurance company
6 kg	Home	MSB
	Hot work	Insurance company
	ADR transports	MSB
	Buses	Swedish Transport Agency
12 kg	Ship - interior design	Swedish Maritime Administration
	Forestry machines Combine harvesters	Insurance company
12 kg	Engine Room Ship	Swedish Maritime Administration

Accessory

Vehicle bracket

As an accessory there is a heavy duty vehicle bracket and a tension strap holder designed for ships

Wall cabinets and protective boxes

A large range of plastic and metal cabinets are available for installation both inside and outside.



Extinguishing power

Powder is the extinguishing agent with the highest extinguishing capacity and is most cost-effective. It extinguishes fire in three ways:

1. The chain reaction in the fire is stopped. The powder binds up the free radicals and stops continued combustion.
2. The powder crystals melt and form a glaze on the burning substance. It effectively prevents re-ignition.
3. The powder cools the fire. Energy is consumed when the powder breaks down and melts.

Powder is the most versatile extinguishing agent. It provides excellent protection in any type of fire incident. Powder is the only extinguishing agent rated for all fire types – A, B and C.

The extinguisher can be used against electrical equipment as the extinguishing agent does not conduct current. The powder extinguishers are freeze resistant and can be placed outdoors even in winter.



A - Fibrous materials such as wood, fabric and paper



B - Liquids and - plastics such gasoline and oil



C - Gases e.g. as city gas, LPG

Fire extinguisher cart 'hot work'

Cart intended for two 6 kg powder extinguishers, complete with fire blanket and glove according to insurance companies' requirements. The cart is equipped with a lifting hook and a folding handle.

Dimensions: width 420 mm, depth 300 mm, height, 1050 mm, height folded 650 mm.

