

FIRE EXTINGUISHER

FOAM FIRE EXTINGUISHER



Foam fire extinguishers
under permanent pressure
DWL 6n and DWL 9n

*Cool down.
Fire Protection by*

MINIMAX

Product

- ▶ Foam fire extinguishers with AFFF-solution are ideal for fighting initial A and B class fires.
- ▶ In fire classification A a high extinguishing efficiency is achieved with the combination of the cooling effect of water and a high wetting effect of the AFFF part.
- ▶ In fire classification B the AFFF-solution extinguishes with the separating effect, where an aqueous film blocks further oxygen supply. In addition it prevents reignition and the upward of toxic vapours.
- ▶ AFFF-solution is not frost-proof and only up to a limited extent suitable to extinguishing burning liquids, having less weight than water.

Use

- ▶ Foam fire extinguishers with AFFF-solution are used where fires of solid organic substances as well as fires of liquid substances or substances becoming liquid have to be extinguished. AFFF-solution extinguishes optimally whenever a thin, creeping and fast flowing foam is required.
- ▶ Typical ranges of application are:
 - warehouses, archives
 - supply rooms
 - waste utilisation and removal
 - shipping
 - chemical industry
 - mineral and petrol chemistry
 - agriculture (stables, barns, silos)
 - feed industry

Your advantages

- ▶ Easy handling due to standardised operation Effective extinguishing
- ▶ Protected against accidental operation
- ▶ Easy to proportion with an extinguishing jet, which can be stopped at anytime
- ▶ High extinguishing efficiency based on the combination of several extinguishing effects
- ▶ Recognised as safe for people, animals and the environment
- ▶ Extinguishing cylinder made of high-quality steel: internally single phosphated, externally double phosphated, protected against corrosion by a strong polyester resin outside coating
- ▶ Serially stand cams
- ▶ High operating safety
- ▶ Easy to maintain
- ▶ Pressure gauge

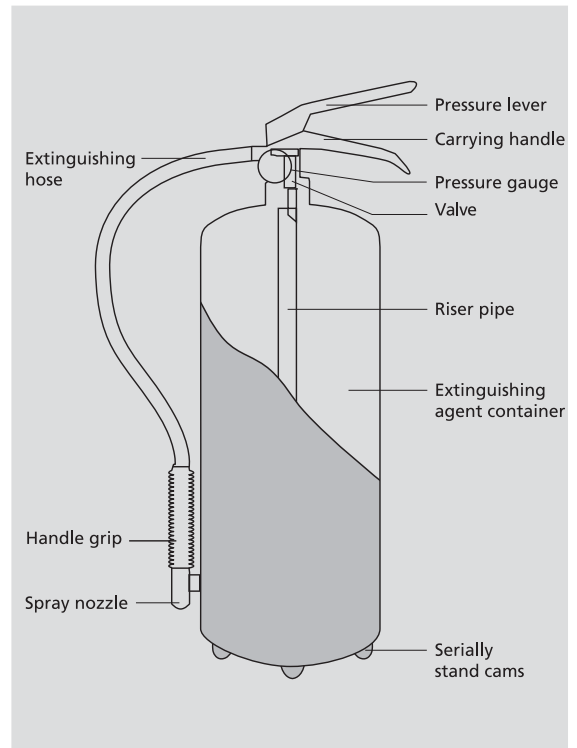




Pull to release safety catch.



Grasp hose. Aim nozzle at the base of fire. Press down red lever.



Maintenance

- ▶ In order to avoid operating errors, the BGR 133 (equipment of workstations with fire extinguishers) recommends to provide in a company all fire extinguishers with the same operation lever. Minimax provides fire extinguishers with single-lever operation for all ranges of application and fire classifications, which guarantee special safety.
- ▶ The extinguisher is ready for use as soon as the securing pin has been pulled out. Pressing the lever causes the propellant to push the foam up through the riser pipe and extinguishing hose and force it out of the spray nozzle.
- ▶ The stream of extinguishant is interrupted when the lever is released. Fires involving solid materials can be brought under control by repeated activation of the lever. Liquid fires must be extinguished without any interruption.

- ▶ Fire extinguishers must be maintained regularly by legitimized experts acc. to DIN 14 406, part 4, and checked acc. to industrial safety regulations by a qualified person acc. to TRBS 1203.
- ▶ Fire extinguishers must be refilled immediately after use - even if not completely emptied - to guarantee availability.
- ▶ Minimax Service stations take over all test and filling services. Ask your local agent.
- ▶ Suitable for up to 1000 volt observing a minimum distance of 1m.

Certificates

EN 3



Technical data

Type	Official approval no.	Design	Exting.-agent quantity l	Extinguishing agent	Propellant gas	Test pressure bar	Max. operating-pressure (max. PS) at +60 °C approx. bar	Spraying time approx. s	Spraying range approx. m	Operating temperature °C	Fire classes Rating*		Efficiency classification (LE)**	Dimensions			Weight without wall bracket approx. kg
											A	B		Height mm	Width mm	Ø mm	
DWL 6n	P1-9/04	S 6 L	6	AFFF solution	Nitrogen	30	21	20	5	0 to +60	13 A	183 B	4 LE	560	300	160	10,2
DWL 9n	P1-10/04	S 9 L	9	AFFF solution	Nitrogen	30	21	37	5	0 to +60	21 A	233 B	6 LE	560	300	190	14,0

* according to EN 3 ** according to BGR 133

The right is reserved to modify any specification without prior notice

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 * Zertifiziert nach ISO 9001