



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

Safe for certain.

**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.



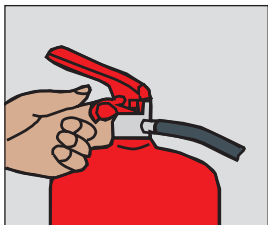
### Range of application

- ▶ 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 utilization and removal
  - shipping
  - chemical industry
  - mineral and petrol chemistry
  - agriculture (stables, barns, silos)
  - feed industry

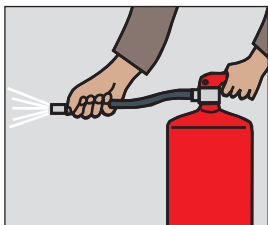
### Your advantages

- ▶ Effective extinguishing
- ▶ Nearly residue-free because of the AFFF foam-water-mixture
- ▶ High extinguishing efficiency based on the combination of several extinguishing effects
- ▶ Easy handling due to standardised operation
- ▶ Easy to proportion with an extinguishing jet, which can be stopped anytime
- ▶ Extinguishant cylinder made of high-quality steel: internally single phosphated, externally double phosphated, powder coated with plastic inside and outside
- ▶ Protected against accidental operation
- ▶ Recognized as safe for people, animals and the environment
- ▶ High operating safety
- ▶ Easy to maintain
- ▶ Pressure gauge

## Operation and function

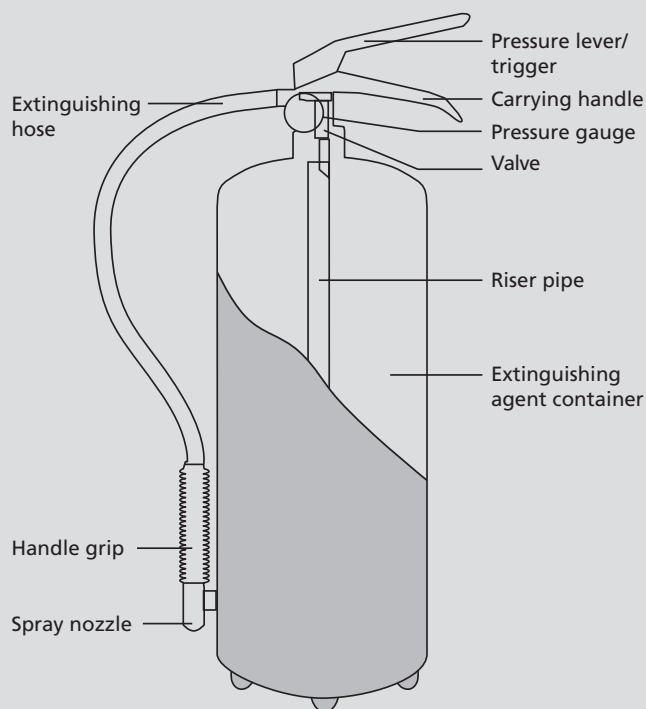


Pull out securing pin.



Aim the nozzle at the base of fire and press down the trigger lever.

- ▶ The place of employment regulation (like ASR137 1 and 2, point 6.1) recommends to provide fire extinguishers with the same operating armature in a company to avoid operating mistakes. 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.





## Maintenance

- ▶ Fire extinguishers must be checked, maintained and repaired in regular intervals by an authorised expert (in Germany according to DIN 14406, Part 4).
- ▶ 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 dealer.
- ▶ Suitable for up to 1000 volt observing a minimum distance of 1m.

Certificates



## Technical data

Type	Official approval no.	Design	Extinguishant quantity l	Extinguishing agent	Pro-pellant gas	Test pres-uer bar	Max. operating pressure 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 bracket approx. kg
											 A	 B	Height mm	Width mm	Ø mm	
DWL 6n	P1-9/04	S 6L-0	6	AFFF solution	Nitrogen	28	18,0	20	5	0 to +60	13 A 4 LE	183 B 12 LE	560	300	160	10.2
DWL 9n	P1-10/04	S 9L-0	9	AFFF solution	Nitrogen	28	18,0	37	5	0 to +60	21 B 6 LE	233 B 15 LE	560	300	160	14.0
* according to EN 3    ** according to ZH 1/201.																

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Subject to technical alterations.

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