

## Foam stored pressure fire extinguishers

### S 6/9 DN eco-classic

### S 6/9 DN eco-premium

### S 6/9 DN eco-HR

#### Description

The foam fire extinguishers in the DN eco range are stored pressure fire extinguishers. Their robust brass valves are fitted as standard with a test valve and a pressure gauge. The pressure gauge can be used to check the pressure in the extinguisher at any time, and therefore also the status of operational readiness. In addition, all fire extinguishers of this type feature a device that prevents their pressure from rising above a permitted maximum level. This protects these appliances against excessive pressures (for example, through the influence of temperature).

Nitrogen is used as a propellant.

After removing the retaining pin, this fire extinguisher is activated by actuating the valve lever.

Using the valve, hose and nozzle, the jet of extinguishant can be sprayed at the heart of the fire accurately and precisely. The special nozzle provides an optimum ratio between droplet size, discharge width and time in operation.

Without exception, the extinguishant comprises water with additives with different proportions of active extinguishant substances being used in the classic, premium, and HR models. This is also reflected in the different suppression performance levels of these 3 model series within the DN eco family. The tried and tested combination of each extinguishant at the right operating pressure and nozzle design is what determines the suitability of each fire extinguisher for tackling fire classes A and B. Comprehensive tests in accordance with European standard EN 3 by the German testing body MPA Dresden prior to the market launch of these fire extinguishers assures users of high levels of safety and reliability.

The robust steel body, all manufactured in-house, are all fully pressure-tested and are coated internally and externally with a corrosion inhibitor.

Wall brackets are included in the scope of delivery. Various variants of protection boxes and other items of auxiliary equipment (for example, signage) are available on request. The HR range is equipped as standard with plastic base rings, and base rings are available as cost options on the classic and premium models.

#### Applications

- Fire-fighting of many different kinds of materials in fire classes A and B
- Manufacturing and processing industry
- Trade and commerce
- Gastronomy
- Workshop areas
- Office premises
- Sales facilities
- Warehouses and logistics
- Cinema, theaters and other performance spaces
- Administration buildings

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- Building management
- Medical and care facilities
- Educational institutions
- Domestic

#### Special advantages

- Very simple design
- Easy and safe to use
- High suppression ratings, especially in the premium and HR appliances
- Extinguishers with 6 L, 9 L, 10 L, 12 L, and 15 L (L = 'extinguisher units')
- No impaired visibility when fighting a fire – great advantage compared to powder extinguishers
- Great extinguishing power combined with a very good price-performance ratio
- Long maintenance intervals – extinguishant service life extended to 6 years
- Substantially improved environmental credentials through the use of short-chain C6 telomers
- No use of PFOS or PFOA
- All types with Milieukeur certificate
- Very long spraying times are an advantage for inexperienced operators
- Very robust brass fitting
- Good dispensing action with an extinguisher pistol that can be shut off at any time
- Cap nut makes it easy to position the valve without any danger of the valve body being exposed to excessive stress levels
- Pressure gauge and test valve are standard equipment
- Also equipped with a pressure relief facility
- Robust one-part nozzle (repeat part)
- Complies with DIN EN 3 specifications for use on electrical systems (to 1000 V, 1 m minimum distance)
- Very easy to service due to larger body opening and repeat parts
- Extinguisher body manufactured in-house with a special quality-tested coatings
- 100% pressure test of all body
- Tried-and-tested and proven internal and external plastic coating on every body
- Wall bracket included
- Made in Germany

## Technical data

	S 6 DN eco-classic	S 9 DN eco-classic	S 6 DN eco-premium	S 9 DN eco-premium	S 6 DN eco-HR	S 9 DN eco-HR
<b>Extinguishing agent</b>	Neufoam eco PG	Neufoam eco PG	Neufoam eco AP	Neufoam eco AP	Neufoam eco-HR	Neufoam eco-HR
<b>Certificates for fire extinguishers</b>	DIN EN 3, CE (PED)**, WM (MED)**	DIN EN 3, CE (PED)**, WM (MED)**	DIN EN 3, CE (PED)**, WM (MED)**	DIN EN 3, CE (PED)**, WM (MED)**	DIN EN 3, CE (PED)**	DIN EN 3, CE (PED)**, WM (MED)**
<b>Temperature range</b>	0°C to 60°C	0°C to 60°C	0°C to 60°C	0°C to 60°C	0°C to 60°C	0°C to 60°C
<b>Installation height</b>	560 mm	530 mm	560 mm	530 mm	565 mm	580 mm
<b>Installation width</b>	225 mm	260 mm	225 mm	260 mm	225 mm	250 mm
<b>Weight (filled)</b>	10.1 kg	14.0 kg	10.1 kg	14.0 kg	10.1 kg	14.8 kg
<b>Spray time approx.</b>	50 s	81 s	50 s	81 s	47 s	69 s
<b>Rating</b>	21A / 183B	27A / 233B	34A / 183B	43A / 233B	43A / 233B	55A / 233B
<b>Fire extinguisher units</b>	6	9	10	12	12	15
<b>Item no.</b>	018051	018052	018055	018056	018017	018013
<b>Base ring (plastic)</b>	As a cost option (201122)	As a cost option (201149)	As a cost option (201122)	As a cost option (201149)	standard	standard

\*Directive 2014/68/EU  
\*\*Directive 2014/90/EU

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