

Water Mist Extinguisher JX-Line



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Jockel Water Mist Extinguisher

Eco-friendly water-based firefighting tested on fire class A and F with positive test results on B-class fires

JOCKEL Water Mist Extinguishers takes the extinguishing effectiveness of the natural extinguishing agent water to a new level. JOCKEL Water Mist Extinguishers are suitable for fire classes A (combustible materials) and F (cooking oils and fats) and are tested in fire class B (flammable liquids). Thus, they are almost universally applicable. This offers the advantage, that no different fire extinguishers must be kept available and the operator can start fighting immediately without having to check whether the extinguishing agent is suitable for the special application. This can result in an important time factor which can decide on the extent of the damage. All this is based on the environmentally friendly extinguishing agent water.

The New Mist Technology makes it possible

To increase the efficiency of water, the interaction of nozzle and pressure is crucial. Thanks to the patented  Telesto Technology, the water is strongly swirled up by the pressure and then atomised into minimal droplets. Thus, this ultra-fine mist achieves superior fighting capabilities in fire classes A, F and B.

1 Increased Cooling Effect

By reducing the droplet size, the entire water surface is enlarged so that the water can extract the heat from the source of the fire much faster.

2 Displacement of Oxygen

Sprayed on as a water mist, the fine droplets evaporate abruptly in the event of fire. The necessary required oxygen to continue burning is displaced from the ambient air over a large area. The fire suffocates.

3 Reduction of Heat Radiation

Thanks to the immense number of smallest water particles, the water mist expands over a large surface eliminating the thermal energy considerably. Radiated heat is noticeably reduced preventing the fire to spread.

The Green Choice

Water is the most environmentally friendly extinguishing agent in firefighting. The non-frost-resistant fire extinguishers are based on just de-mineralised water. Therefore, they do not incur any disposal costs. The frost-proof fire extinguishers must be disposed of in accordance with the local requirements due to their additives.

Minimised Consequential Damages

Consequential damages caused by the extinguishing agent itself are reduced to a minimum thanks to the innovative water mist technology. On the one hand, less extinguishing agent is used due to the efficient technology, so that even the available spraying capacity increases compared to a regular water extinguisher. On the other hand, the water mist evaporates very quickly, so that it has hardly any effect on sensitive facilities.

Effective Protection for the User

The long spraying times of the JOCKEL Water Mist Extinguishers and the resulting extinguishing reserves, as well as the greatly reduced radiant heat, make the device a complete rescuer even for inexperienced users. In addition, the toxic flue gases caused by a fire are absorbed effectively.

Fit in any Fire Protection Concept

The Water mist extinguishers are a part of the JOCKEL JX - Line, available with different extinguishing agents. Their uniform operation is essential for a stringent fire protection concept.

JX-Line

Water Mist Technology

Water Mist Extinguishing Agent



JOCKEL Water Mist Extinguishers based on the Telesto Water Mist Technology are suitable for fire classes A and F in contrast to regular water extinguishers (also tested for fire class B with 21 B). The new atomisation technology atomises the water into minimal droplets during the extinguishing process. Thanks to the water mist, the cooling increases, displaces oxygen and reduces thermal stress significantly. Due to a more efficient application of the extinguishing agent, the extinguishing reserves and the spraying time increase.

Environmentally friendly

Water is the most environmentally friendly extinguishing agent in firefighting. Thanks to the innovative mist technology, water gains maximum efficiency. The pure water extinguishers are absolutely harmless and even the frost-resistant extinguishing agents have only a minimal impact on the environment.



JOCKEL Water Mist Extinguishers are suitable for the use on electrical systems up to 1,000 V with a minimum distance of 1 m.



Vernebelungsdüse



Comfortable Handling

JOCKEL Water Mist Extinguisher are technically optimised. Despite the water mist technology, the 6 l version corresponds to the dimensions of a comparable 6 l fire extinguisher and not to a 9 l fire extinguisher. The bigger the device, the more important the question of a comfortable carrying handle and the handiness in case of a fire. The JOCKEL universal round handle is particularly ergonomic. By the way, to make the extinguisher as light as possible, we also paid attention to the weight of each individual part.

Application Areas:

Water Mist Extinguishers are suitable for almost universal application. They can be used for areas with a high fire risk as well as in corrosion-sensitive environments.

- ▶ Office & administration areas
- ▶ Storage for paper, organic materials and textiles
- ▶ Medical Institution
- ▶ Schools and nursing homes
- ▶ Textile Industry
- ▶ Hobby and leisure areas

JOCKEL-Modular-System

Maintenance-friendly and economic extinguisher thanks to the JOCKEL-Modular-System.

Technical Data

Type Edition	Code	Capacity/ Agent	Rating	additionally rated	Temperature range	Propellant	Discharge time	Height approx.	Width approx.	Weight approx.
WM 6 JX 13 Universal	65-704-00	6 l water de-mineralized	13 40	21	+5°C to +60°C	N ₂	35 sec.	555 mm	270 mm	10,7 kg
WM 6 JXF 21 Universal	65-815-00	6 l water with additives	21 40	21	-30°C to +60°C	N ₂	35 sec.	555 mm	270 mm	11,8 kg
WM 9 JX 21 Universal	95-704-00	6 l water de-mineralized	21 75	21	+5°C to +60°C	CO ₂	53 sec.	606 mm	290 mm	16,7 kg
WM 9 JXF 27 Universal	95-815-00	9 l water with additives	27 75	21	-30°C to +60°C	CO ₂	53 sec.	606 mm	290 mm	17,8 kg

All watermist extinguishers currently in approval

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