

Tandem Automatic Special Fire Extinguisher

F-500 Tandem 09 WS 2% -30°C (Stored pressure fire extinguisher, frost-protected)

Description

Highly effective against battery fires - also in automatic mode

The Neuruppin F-500 dual use fire extinguisher combats fires involving solids to great effect, in particular lithium-ion batteries with ratings of up to 2853Wh, plastic or rubber. The special characteristic of this kind of stored pressure fire extinguisher is its dual function: as well as its conventional handheld application, the integrated sprinkler can also tackle fires automatically. This robust and durable device, Made in Germany, with 9 liters of extinguishant, is also suitable for operation in sub-zero environments. It is capable of operating across a temperature range of -30°C to +60°C.

24/7 protection for sensitive areas

The automatic dual extinguisher action gives potential conflagration areas round-the-clock protection within a confined area - even in the absence of personnel. Typical fields of application include electricity storage facilities, E-racing systems, storage and collection areas for lithium-ion batteries or synthetic solids. The highly-effective F-500 extinguishant from NEURUPPIN features a long-lasting spray action (33 s manually and 10 s in automatic mode) and also ensures that flames are tackled effectively and that combustible gases are encapsulated. In addition, this makes it much harder for another fire to break out. The high rating of 34A Li speaks for itself.

Extinguishes automatically across a large surface area

To enable the tandem function to operate to its optimum, the fire extinguisher should be mounted on its standard bracket at a height of 1.2 or 1.8 m above floor level, for example on a wall or a pillar. Then the sprinkler can automatically extinguish a fire across a surface area of 2m² to 4m². This function is triggered whenever the temperature rises above 68°C. The sprinkler sensor is protected from damage by a wire basket.

Applications

- Fire-fighting for fire classes A and Li
- Battery storage and collection areas
- E-racing and E-mobility
- Workshops
- Trade
- Private areas



Special advantages

- **Extinguishes lithium-ion battery fires** – highly effective, efficient and environmentally compatible.
- **2-in-1 for 24/7 protection** – combined handheld and automatic fire sprinklers for round-the-clock fire protection.
- **Self-explanatory function** – for proven and safe manual operation.
- **No electrical hazards** – Safety through application tests as handheld fire extinguisher for electrically live systems (up to 1000 V at a distance of at least 1 meter).
- **Scannable operational capability** – standard pressure gauge displays internal pressure and protects against accidental loss of pressure, for example through previous usage, omitted maintenance or sabotage.
- **Corrosion protection included** – Steel body with high-quality, red powder coating (TGCI-free) and additional 1 mm thickness of PE inner coating, double quality testing procedure.
- **Made in Germany** – durable thanks to its robust design and high-quality brass pressure lever fitting.
- **Wall bracket** – standard

Notice: The German language version of this document is the official version. If this document is translated into another language, and if any difference is detected between the German version and the translation, the German version shall have precedence.

Technical data

F-500 Tandem 09 WS 2% -30°C



Fill quantity (l)	9
Extinguishing agent	F-500 Encapsulator Agent
Rating	34A Li
Temperature (°C)	-30 / +60
Weight (kg)	16
Width (mm)	250
Height (mm)	650
Discharge duration (s)	33* / 10**
Sprinkler range (m):	2 / 3**
Spray width (m):	4 to 6*

* When used as a fire extinguisher (handheld)

** When used as an automatic fire extinguisher

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Made in Germany



- ✓ geschweißt
- ✓ beschichtet
- ✓ gefüllt
- ✓ geprüft

NEURUPPIN

Höchste Qualität für Ihre Sicherheit

Your fire safety retailer: