

**Package Type Foam
Fire Extinguishing System**

MIDEX III

Low to Medium Expansion Foam Fire Extinguishing System

Suitable to prevent fires of production machinery incidents and flammable liquids in production facilities

A high-performance and easy-to-use, self-contained foam fire extinguishing system

■ **Effective and fast-acting**

The medium-expansion foam with powerful extinguishing agents and the low-expansion foam with longer discharge range can be switched easily by hand for optimum performance and efficacy.

■ **Easy to use for a single person**

The lightweight rubber hose with internal winding mechanism allows a single person to pull the hose in any direction easily.

■ **No need for plumbing or electrical works**

The package type MIDEX III does not require plumbing, electrical works, water supply, or external pumps.

The compact and lightweight cabinet can be placed exactly where needed, and its double doors allow easy access with minimal clearance.



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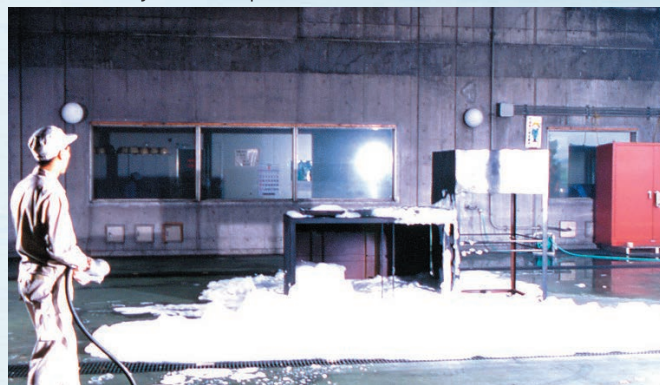
Condition during firefighting

Dischargeable more than 3,000 liters of medium-expansion foam.



Condition after fire extinguished

The foam residue has slight impact on surrounding environment and is easy to clean up.



Fires of industrial machinery and equipment are best treated with medium-expansion foam of the MIDEX III, which is able to reach inaccessible areas such as behind screens or at the rear of the machine by flowing over the top and down the sides.

Note: Foam works only on areas where it can reach.

Suitable applications

Anywhere that flammable liquids or materials are used.

[Examples]

- Metalworking and machining equipment, cutters, hydraulic equipment such as presses, oil cellars, painting equipment
- Oil feed systems • Various testing equipment • Vehicle maintenance workshops • Printing facilities
- Small-scale hazardous material storage facilities • Small-scale rubbish pits

Dimensions (mm)



Specifications

Product code		MRFJ001
Operating environment		Indoor
Drive system		Manual
Working pressure (pressure regulator setting)		0.94 MPa
Operating temperature range		0°C - 40°C
Enclosure material		SECC
Dimensions		700 mm (W) x 250 mm (D) x 1,400 mm (H)
Weight		Approx. 130 kg
Color		Ivory (JPMA code E22-90D)
Extinguishing agent	Classification	Aqueous foamed fire extinguishing agent
	Foam type	Aqueous film forming foam
	Tank capacity	53 L (26.5 L x 2 tanks)
Pressurized gas cylinder	Gas type	Nitrogen
	No. of cylinder	One
	Capacity	3.4 L (3.0 L for India market)
Hose	Winding mechanism	Internal winder
	Length	20 m
Nozzle	Foam switcher	Toggles between low and medium expansion foam
	Discharge time	At least 70 seconds (at 20°C)
	Discharge distance (approx.)	10 m for low-expansion foam (at 20°C) 5 m for medium-expansion foam (at 20°C)
	Expansion ratio	Low-expansion: at least 5 times (at 20°C) Medium expansion: at least 60 times (at 20°C)
Applicable fire classifications		Class A and B

Note: Please inquire for details regarding use on certain hazardous materials that contain aqueous solution.

● In internal testing, the MIDEX III successfully extinguished a 4 m² pan fire of n-Heptane (similar component to gasoline) within 40 seconds.

● Product performance also rated by the Hazardous Materials Safety Techniques Association (KHK) in Japan.

Permitted for use as Type 3 fire-fighting equipment in hazardous goods facilities by application only.

(for Buildings and Other Structures and Type 4 Hazardous Materials)

- NOTE:**
- The information contained herein does not purport to cover all the details or variations of the equipment described, nor to provide for every possible contingency that may be met in connection with its installation, operation, or maintenance.
 - Specifications are subject to change without notice. Contact NOHMI before relying on the information.
 - Actual performance is based on proper application of the product by a qualified professional.
 - Should further information be required or should particular concerns arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to NOHMI or your nearest distributor.

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