

Engineered Fire Suppression System N-Series

SB-022 REV A SFE

Sea-Fire N Series Custom-Engineered Fire Suppression Systems protect spaces from 1,500 cu ft (42.5 cu m) up to 17,500 cu ft (500 cu m) and provide reliable and responsible economical solutions that protect large pleasure craft, yachts, workboats, marine vessels and onshore/offshore marine applications.

Systems are fully customisable and available with versatile options such as automatic and manual or manual only systems, features include 30 or 60 second time delay, alarm sirens and pressure trips for maintaining compartment integrity. Sea-Fire engineered marine systems are tested and approved in accordance with IMO/SOLAS requirements. Numerous international approvals including USCG, Lloyds and MCA.

Applications include

- Offshore Vessels
- Passenger & Car Ferries
- Super & Mega Yachts
- Tugs
- Super Tankers
- Cargo Vessels

Product features

- Each system is fully customisable and available with versatile options to fit various applications
- Numerous methods of system actuation
- Tested in accordance with IMO/SOLAS
- All cylinders are refillable and meet U.S. D.O.T., TC, and/or CE/TPED

Novec 1230 (FK-5-1-12)

- People safe at design concentration
- Environmentally responsible [no ozone depletion + GWP (global warming potential) of less than 1]
- Globally accepted
- Not damaging to equipment and machinery
- No clean-up after discharge
- No foreseeable phase-out schedule



System specifications

- Powder coated steel cylinders resist dents and scratching
- Reaches extinguishing levels in 10 seconds or less
- Cylinders use mechanical valve to facilitate discharge of agent
- System pressurised to 360 PSI @ 70°F (21°C)
- Operating temperature range: 32°F to 130°F (0°C to 55°C)

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Methods of actuation

Electric Solenoid



Pneumatic Control Head



Manual Pneumatic



Cable Actuator w/Swivel



System model chart

Model	Liter Capacity	Cylinder Tare Weight	Agent Fill Range	Diameter	Valve Size
N-20	8L	14.7 kg	4 kg - 9.5 kg	25.4 cm	2.54 cm
N-40	16L	18.4 kg	8 kg - 19 kg	25.4 cm	2.54 cm
N-75	32L	26 kg	16 kg - 38 kg	25.4 cm	2.54 cm
N-120	52L	49.1 kg	26 kg - 62 kg	40.64 cm	5.08 cm
N-240	106L	71.8 kg	53 kg - 127 kg	40.64 cm	5.08 cm
N-325	147L	89.9 kg	74 kg - 147 kg	40.64 cm	5.08 cm
N-400	180L	105.7 kg	90 kg - 208 kg	40.64 cm	5.08 cm

Approvals



www.sea-fire.co.uk

Additional product data sheets and information available on request

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