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**9331-A Philadelphia Rd.  
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## AUTOMATIC FIRE SUPPRESSION COST-EFFECTIVE FOR LONG HAUL

Commercial mariners, often far offshore and away from assistance, rely on their vessel to keep them safe. Automatic pre-engineered marine fire suppression systems from Sea-Fire provide 24/7 security. Crew, passengers, vessel and cargo are all protected—at a price point that makes sense.

Over the serviceable life of a Sea-Fire installation, there is a cost benefit to investing in a long-term solution. Other set-ups may initially be less expensive, but they typically utilize a lesser suppression fluid that is being phased-down due to existing or future legislation, including EU F-gas regulation. As shortages of the agent increase, so will maintenance costs. When it is no longer available, the installation becomes obsolete.

Sea-Fire systems use 3M™ Novec™ 1230 Fire Protection Fluid. With 3M's 20-year global Blue Sky Warranty, it won't be impacted by legislation. Environmentally-responsible Novec 1230 won't deplete the ozone and has a global warming potential of 1 over 100 years.

Safe for human exposure, this highly-effective vapor stops the combustion process and removes heat energy until the fire cannot sustain itself. Electrically non-conductive and non-corrosive, it's residue-free and won't damage valuable equipment.

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Each fixed-installation Sea-Fire pre-engineered system with Novec 1230 is designed and tested for a specific compartment space volume, from .7cbm up to 51cbm. Individual cylinders are sized and super-charged with nitrogen for maximum efficiency, and the nozzles are tuned for the exact discharge rate. Installations can utilize manual release or automatic thermal activation. The latter is critical for high-risk areas where crew spend little time, such as engine and machinery rooms.

Systems are equipped with a pressure switch for cylinder supervision and to control other functions, such as fans and engine shutdowns. Pre-engineered solutions easily incorporate with other Sea-Fire equipment, such as detection modules and sensors.

A world leader in marine fire suppression, Sea-Fire has provided commercial mariners peace of mind for over 40 years. The company designs and manufactures high-performance fire detection, suppression and ventilation equipment for vessels of all sizes.

Contact Sea-Fire Marine, 9331-A Philadelphia Rd., Baltimore, MD 21237 USA. +1-410-687-5500. [www.sea-fire.com](http://www.sea-fire.com). In Europe contact Sea-Fire Europe LTD, Unit D2 Discovery Voyager Park, Portfield Road, Portsmouth, Hampshire, PO3 5FN, UK. +44(0) 2392 679 666; Fax: +44(0) 2392 667 014. [www.sea-fire.co.uk](http://www.sea-fire.co.uk).