



X-25144

Sea-Fire Europe LTD—Master European Distributor
Unit D2 Discovery Voyager Park, Portfield Road
Portsmouth, Hampshire, PO3 5FN, UK

CLEAN FIRE EXTINGUISHING AGENTS SUPERIOR TO AEROSOL SOLUTIONS

Aerosol fire extinguishing systems are particle-based. They rapidly deplete oxygen in the area to unsafe levels and are known to be highly corrosive to metals and electronics. These disadvantages contrast sharply with the benefits offered by a Sea-Fire Marine engineered or pre-engineered solution using clean extinguishing agent 3M™ Novec™ 1230, generically FK-5112, the safe and effective suppression solution.

Aerosol fire extinguishing systems rely on a pyrotechnic reaction for activation. They work by flooding the space with a powdery dust. If people are present, they have only seconds to evacuate the area.

In contrast, non-toxic clean agent Novec 1230 is one of the safest fire protection solutions on the market. At proper design concentrations, it can be breathed with no ill effects. Plus, unlike HFC-based suppressants, it has virtually no global warming potential, so it's safe for the environment.

Novec 1230 is also the most effective fire suppressant available. It is designed to have a discharge time of less than 10 seconds to achieve 95% of the minimum design concentration. Aerosol systems can take as long as a minute to accomplish the same effect.

Aerosol based systems may eventually extinguish a fire, but at a high collateral cost. The residue it leaves is corrosive and has been proven to damage sensitive electronics. Novec 1230 is a clean agent that is completely harmless to onboard equipment.

-more-

Sea-Fire Marine offers engineered and pre-engineered fire suppression systems based on clean Novec 1230. Its MN-Series is the first 725 psi/50 bar system to be approved by the US Coast Guard and IMO/SOLAS. It also carries type approvals from ABS and FM Global.

For almost a half century, Sea-Fire Marine has been in the business of protecting people and property at sea. It manufactures a wide range of state-of-the-art clean agent-based marine fire suppression systems to various marine standards for recreational, commercial and military vessels, and offshore and shore-side structures.

Contact Sea-Fire Marine, 9351-G Philadelphia Rd., Baltimore, MD 21237 USA. +1-410-687-5500. 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.