



Pyrogen Marine Kit

a complete pre-engineered fire suppression system kit

Pyrogen Marine Kit is a complete fire suppression system kit specifically designed as a low cost and simple solution to the difficult task of protecting your vessel from ravages of fire.

Pyrogen Marine Kit protects small to medium engine compartments and machinery spaces up to 30m³ *.

Pyrogen Marine Kit Marine consists of an EXA-M™ extinguishing module and accessories with an option of a manual electrical operation (vessels under survey) or manual pull-ring operation (non-surveyed vessels).

EXA-M™ extinguishing modules are listed by CSIRO Australia under ActivFire™ Scheme and by the National Marine Safety Committee under the Register of Compliant Equipment.

Pyrogen Marine Kit with a manual pull-ring operation is a stand-alone autonomous system with no external power or batteries required.

Marine Kit Marine features the following unique characteristics:

- rapid system discharge – instantaneous extinguishing action, low agent consumption, minimum fire damage;
- non-pressurised self-contained extinguishing modules;
- installed inside the engine compartment, no piping;
- no liquids, no gases, no pressure gauges, no leakage, no modules weighting;
- ambient operation temperature range up to 95°C;
- resistance to vibration, high humidity, corrosive and salty atmospheres;
- easy installation;
- minimal maintenance (only electrical monitoring for an electrical system where installed);

* Volumes larger than 30m³ can be protected by free custom made design. Please contact your supplier.



National Marine Safety Committee



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(Protection of Engine Room / Machinery Space)

Protected Volume, m^3	Part No.	Product Description	Qty
		NON-SURVEYED VESSELS (Small Boats with One Engine Room**)	
1	EXA-ML-1	Fire Suppression Module EXA-ML-1	1
	305-T-MAN	Manual Pull-Ring Activation Device T-start™***	1
	607-WSS	Warning Sign	1

<i>Protected Volume, m³</i>	<i>Part No.</i>	<i>Product Description</i>	<i>Qty</i>
2	EXA-M-2	Fire Suppression Module EXA-M-2	1
	305-T-MAN	Manual Pull-Ring Activation Device T-start™***	1
	607-WSS	Warning Sign	1
5	EXA-M-5	Fire Suppression Module EXA-M-5	1
	305-T-MAN	Manual Pull-Ring Activation Device T-start™***	1
	607-WSS	Warning Sign	1
10	EXA-M-10	Fire Suppression Module EXA-M-10****	1
	305-T-MAN	Manual Pull-Ring Activation Device T-start™***	1
	607-WSS	Warning Sign	1
		VESSELS UNDER SURVEY	
		Small Boats with One Engine Room (Commercial Use)	
1	EXA-ML-1	Fire Suppression Module EXA-ML-1	1
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	1
	210-BG-PF	Break Glass with Protective Flap	1
	607-WSS	Warning Sign	3
2	EXA-M-2	Fire Suppression Module EXA-M-2	1
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	1
	210-BG-PF	Break Glass with Protective Flap	1
	607-WSS	Warning Sign	3

<i>Protected Volume, m³</i>	<i>Part No.</i>	<i>Product Description</i>	<i>Qty</i>
5	EXA-M-5	Fire Suppression Module EXA-M-5	1
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	1
	210-BG-PF	Break Glass with Protective Flap	1
	607-WSS	Warning Sign	3
10	EXA-M-10	Fire Suppression Module EXA-M-10****	1
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	1
	210-BG-PF	Break Glass with Protective Flap	1
	506-SAS928	Strobe & Sounder Combined	1
	607-WSS	Warning Sign	3
15	EXA-M-5	Fire Suppression Module EXA-M-5	3
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	203JB2/3MA	Monitoring Junction Box for 3 Fire Suppression Modules	1
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	2
	210-BG-PF	Break Glass with Protective Flap	1
	506-SAS928	Strobe & Sounder Combined	1
	607-WSS	Warning Sign	3

<i>Protected Volume, m³</i>	<i>Part No.</i>	<i>Product Description</i>	<i>Qty</i>
20	EXA-M-10	Fire Suppression Module EXA-M-10****	2
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	203JB2/3MA	Monitoring Junction Box for 2 Fire Suppression Modules	1
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	2
	210-BG-PF	Break Glass with Protective Flap	1
	506-SAS928	Strobe & Sounder Combined	1
	513-ISEVAC	Illuminated Sign 'Evacuate Area' with Sounder	1
	607-WSS	Warning Sign	3
30	EXA-M-10	Fire Suppression Module EXA-M-10****	3
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	203JB2/3MA	Monitoring Junction Box for 3 Fire Suppression Modules	1
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	2
	210-BG-PF	Break Glass with Protective Flap	1
	506-SAS928	Strobe & Sounder Combined	1
	513-ISEVAC	Illuminated Sign 'Evacuate Area' with Sounder	1
	607-WSS	Warning Sign	3

<i>Protected Volume, m³</i>	<i>Part No.</i>	<i>Product Description</i>	<i>Qty</i>
40	EXA-M-10	Fire Suppression Module EXA-M-10****	4
	1012ZWDIS	2-Zone FireChase™ Detection Panel with Discharge	1
	203JB2/3MA	Monitoring Junction Box for 3 Fire Suppression Modules	2
	402-TP-90C	Thermal Probe Detector Fixed Temperature 90°C	4
	210-BG-PF	Break Glass with Protective Flap	1
	506-SAS928	Strobe & Sounder Combined	1
	513-ISEVAC	Illuminated Sign 'Evacuate Area' with Sounder	1
	513-ISDNE	Illuminated Sign 'Do Not Enter' with Sounder	1
	201DOB2	Dual Output Booster	1
	607-WSS	Warning Sign	3

Notes:

T-start™ can activate up to two EXA-M Modules simultaneously in any model combinations to increase the protected volume. (Please read the Product Manual for more information).

* Supply Only. Installation and Cables Not Included.

** Small Boats with TWO Engine Rooms Require Double Qty.

*** T-start™ should be installed in an Indoor Area. T-start™ 72°C and a manual pull-ring T-start™ are also available.

**** EXA-M-10 can be supplied in 2 modifications: mono-directional (discharges from one end) or bi-directional discharges from two ends)

Additional Materials Required for Installation (Not Included): Fire Rated Cables (Radox® Cables Recommended).

Wiring for Vessels under Survey must be done by Supplier's Approved Contractor according to the current standards.