

# SEA-FIRE

## WORLD LEADER IN MARINE FIRE SUPPRESSION TECHNOLOGY



### All Models Include

- Automatic Discharge (Heat Actuated)
- Pressure Gauge
- Protective Guard
- Mounting Bracket
- Indicator Light and Bezel
- Installation, Operation and Maintenance Manual

### Optional Equipment

- Manual Discharge Capability
- Audible Discharge Alarm
- Engine Shutdown/Override System
- Manual Discharge Cable Assembly

### Featuring FE-241 Extinguishing Agent:

- Clean Agent (Leaves no residue)
- For use in normally unoccupied areas only (engine compartments)
- U.S. EPA Accepted Halon Alternative

**Installation:** Models protecting enclosures up to 1250 cubic feet (35.4 cu.m.) may be installed vertically or horizontally. Models sizes over 1250 cubic feet (35.4 cu.m.) must be mounted in vertical position.

SEA-FIRE MARINE  
9331-A Philadelphia Road  
Baltimore, MD 21237, USA  
Phone: (410) 687-5500  
Fax: (410) 687-5503  
Email: info@sea-fire.com

Visit our website

[WWW.SEA-FIRE.COM](http://WWW.SEA-FIRE.COM)

# FE-241

## Three Year Warranty

Protect areas from 2.5cu ft. up to 1500cu ft.  
Also available: custom (variable fit) sizes

# FE-241 AUTOMATIC & MANUAL/AUTOMATIC FIRE EXTINGUISHING SYSTEM

## FE MODEL SERIES:

70 STANDARD MODELS AVAILABLE: FM AND USCG APPROVED, RANGING FROM 25 CUBIC FEET (.71 CU.M.) UP TO 1500 CUBIC FEET (42.5 CU.M.) OF ENGINE COMPARTMENT PROTECTION.

MODEL NUMBER		Volume of Protection		*UNIT	Ship Weight
Automatic	Manual/Automatic	Cubic Feet	Cubic Meters	Diameter X Height	
FE 25 A	FE 25 M	25 FT3	(.7 M3)	3.0" X 11.3" (76 X 287mm)	5.7 lbs (3.6 kg)
FE 50 A	FE 50 M	50 FT3	(1.4 M3)	3.2" X 13.6" (81 X 345mm)	6.7 lbs (3.0 kg)
FE 75 A	FE 75 M	75 FT3	(2.1 M3)	3.2" X 16.7" (81 X 425mm)	7.8 lbs (3.5 kg)
FE 100 A	FE 100 M	100 FT3	(2.8 M3)	3.5" X 17.4" (89 X 443mm)	9.4 lbs (4.3 kg)
FE 125 A	FE 125 M	125 FT3	(3.5 M3)	3.5" X 17.4" (89 X 443mm)	10.3 lbs (4.7 kg)
FE 150 A	FE 150 M	150 FT3	(4.2 M3)	4.3" X 17.4" (108 X 443mm)	11.7 lbs (5.3kg)
FE 175 A	FE 175 M	175 FT3	(5.0 M3)	5.3" X 19.1" (133 X 486mm)	13.0 lbs (5.9 kg)
FE 200 A	FE 200 M	200 FT3	(5.7 M3)	5.3" X 19.1" (133 X 486mm)	15.7 lbs (7.1 kg)
FE 225 A	FE 225 M	225 FT3	(6.4 M3)	5.3" X 19.1" (133 X 486mm)	16.6 lbs (7.5 kg)
FE 250 A	FE 250 M	250 FT3	(7.1 M3)	5.3" X 19.1" (133 X 486mm)	17.4 lbs (7.9 kg)
FE 275 A	FE 275 M	275 FT3	(7.8 M3)	5.3" X 19.1" (133 X 486mm)	18.3 lbs (8.3 kg)
FE 300 A	FE 300 M	300 FT3	(8.5 M3)	5.3" X 19.1" (133 X 486mm)	19.1 lbs (8.7kg)
FE 325 A	FE 325 M	325 FT3	(9.2 M3)	7.0" X 18.3" (178 X 465mm)	28.8 lbs (13.1 kg)
FE 350 A	FE 350 M	350 FT3	(9.9 M3)	7.0" X 18.3" (178 X 465mm)	29.7 lbs (13.4 kg)
FE 375 A	FE 375 M	375 FT3	(10.6 M3)	7.0" X 18.3" (178 X 465mm)	30.5 lbs (13.8 kg)
FE 400 A	FE 400 M	400 FT3	(11.3 M3)	7.0" X 18.3" (178 X 465mm)	31.4 lbs (14.2 kg)
FE 425 A	FE 425 M	425 FT3	(11.9 M3)	7.0" X 18.3" (178 X 465mm)	32.2 lbs (14.6 kg)
FE 450 A	FE 450 M	450 FT3	(12.7 M3)	7.0" X 18.3" (178 X 465mm)	33.1 lbs (15.0 kg)
FE 475 A	FE 475 M	475 FT3	(13.3 M3)	7.0" X 23" (178 X 584mm)	38.4 lbs (17.4 kg)
FE 500 A	FE 500 M	500 FT3	(14.2 M3)	7.0" X 23" (178 X 584mm)	39.3 lbs (17.8 kg)
FE 550 A	FE 550 M	550 FT3	(15.6 M3)	7.0" X 23" (178 X 584mm)	41.0 lbs (18.6 kg)
FE 600 A	FE 600 M	600 FT3	(17.0 M3)	7.0" X 23" (178 X 584mm)	42.7 lbs (19.4 kg)
FE 650 A	FE 650 M	650 FT3	(18.4 M3)	7.0" X 27.5" (178 X 699mm)	48.5 lbs (22.0 kg)
FE 700 A	FE 700 M	700 FT3	(19.8 M3)	7.0" X 27.5" (178 X 699mm)	50.2 lbs (22.8 kg)
FE 750 A	FE 750 M	750 FT3	(21.2 M3)	7.0" X 27.5" (178 X 699mm)	51.9 lbs (23.5 kg)
FE 800 A	FE 800 M	800 FT3	(22.7 M3)	7.0" X 27.5" (178 X 699mm)	53.6 lbs (24.3 kg)
FE 850 A	FE 850 M	850 FT3	(24.1 M3)	8.1" X 27.5" (206 X 699mm)	66.3 lbs (30.1 kg)
FE 900 A	FE 900 M	900 FT3	(25.5 M3)	8.1" X 27.5" (206 X 699mm)	68.0 lbs (30.8 kg)
FE 950 A	FE 950 M	950 FT3	(26.9 M3)	8.1" X 27.5" (206 X 699mm)	69.7 lbs (31.6 kg)
FE 1000 A	FE 1000 M	1000 FT3	(28.3 M3)	8.1" X 27.5" (206 X 699mm)	71.4 lbs (32.4 kg)
	FE 1050 M	1050 FT3	(29.8 M3)	8.1" X 27.5" (206 X 699mm)	76.8 lbs (34.8 kg)
	FE 1100 M	1100 FT3	(31.1 M3)	8.1" X 27.5" (206 X 699mm)	78.5 lbs (35.6 kg)
	FE 1150 M	1150 FT3	(32.6 M3)	8.1" X 27.5" (206 X 699mm)	80.2 lbs (36.4 kg)
	FE 1200 M	1200 FT3	(34.0 M3)	8.1" X 27.5" (206 X 699mm)	81.9 lbs (37.1 kg)
	FE 1250 M	1250 FT3	(35.4 M3)	8.1" X 27.5" (206 X 699mm)	83.6 lbs (37.9 kg)

VERTICAL MOUNT ONLY

FE 1300 M	1300 FT3	(36.8 M3)	10" X 30" (254 X 762mm)	104.2 lbs (47.3 kg)
FE 1350 M	1350 FT3	(38.2 M3)	10" X 30" (254 X 762mm)	105.9 lbs (48.0 kg)
FE 1400 M	1400 FT3	(39.6 M3)	10" X 30" (254 X 762mm)	107.5 lbs (48.8 kg)
FE 1450 M	1450 FT3	(41.1 M3)	10" X 30" (254 X 762mm)	109.2 lbs (49.5 kg)
FE 1500 M	1500 FT3	(42.5 M3)	10" X 30" (254 X 762mm)	110.9 lbs (50.3 kg)

### SELECTING THE PROPER MODEL SIZE EXTINGUISHING SYSTEM:

1. DETERMINE THE VOLUME OF ENGINE COMPARTMENT TO BE PROTECTED IN CUBIC FEET OR CUBIC METERS: LxWxH
2. SELECT AN AUTOMATIC ("A") DESIGNATION OR MANUAL/AUTOMATIC ("M") DESIGNATION.
3. FROM THE SEA-FIRE FE SPECIFICATION TABLE, SELECT THE MODEL THAT MEETS OR EXCEEDS THE CALCULATED SYSTEM VOLUME OF THE ENGINE COMPARTMENT.

### GENERAL INFORMATION:

**APPLICATION:** FE EXTINGUISHING SYSTEMS ARE DESIGNED TO INDUCE A MINIMUM ATMOSPHERIC CONCENTRATION OF 8.5% WITHIN THE PROTECTED COMPARTMENT. FE MODELS ARE SUITABLE FOR USE FROM 32° F (0° C) TO 130° F (54° C).

**\*UNIT:** ALL AUTOMATIC ("A") FIRE EXTINGUISHING SYSTEMS REDUCES HEIGHT BY APPROXIMATELY 1.4 INCHES (35.5mm).

**MANUAL/AUTOMATIC SYSTEMS:** SYSTEMS WITH A "M" DESIGNATION REQUIRE A SEA-FIRE CABLE ASSEMBLY PACKAGED AND SOLD SEPARATELY AS SMAC-XXX. (PN 135-XXX).

**WARNING:** DIESEL POWER CRAFT MUST ALSO INSTALL AN AUTOMATIC ENGINE SHUTDOWN SYSTEM OR THE EXTINGUISHING SYSTEM MAY NOT EXTINGUISH THE FIRE. (CONTACT AUTHORIZED DISTRIBUTOR OR THE FACTORY FOR MORE DETAILS)

ALL FE MODELS CONTAIN FE-241 FIRE EXTINGUISHING AGENT. U.S. EPA PERMITS INSTALLATION OF SYSTEMS CONTAINING FE-241 IN NORMALLY UNOCCUPIED AREAS ONLY.

MADE IN U.S.A.

U.S.C.G.  
APPROVED

FM  
APPROVED

# FE-241

## Three Year Warranty

Protect areas from 25 cu ft. up to 1500 cu ft.  
Also available in other countries. © 2005 SEA-FIRE



9231-A Philadelphia Road  
Baltimore, MD 21237, USA  
Phone: (410) 687-5500  
Fax: (410) 687-5503  
Email: info@sea-fire.com