



**UNITED
SAFETY**
& SURVIVABILITY
CORPORATION™

FIREBOY®

ON GUARD.

MAE SERIES

COMPLETE PRE-ENGINEERED FIRE DETECTION & SUPPRESSION SYSTEMS WITH CONTINUOUS PROTECTION



For use in any enclosed spaces with sensitive and critical systems such as: Servers/Computer Rooms, Telecommunication and Data Centers, Laboratories, Flammable Liquid Storage, Robotic Equipment, Manufacturing, Utility Facilities and more

PRODUCT FEATURES AND BENEFITS

- *Fireboy MAE Systems are ABC Rated, Factory Mutual (FM) approved, Pre-Engineered Fire Detection and Suppression Systems utilizing environmentally sustainable clean extinguishing agent and a patent pending electric release.*
- *Features a highly-effective clean-agent fire suppressant designed to detect and extinguish a fire in its incipient stage, before it has a chance to spread*
- *Fast and easy installation with only one technician*
- *Competitively priced total installed cost and no engineering or piping calculations required*



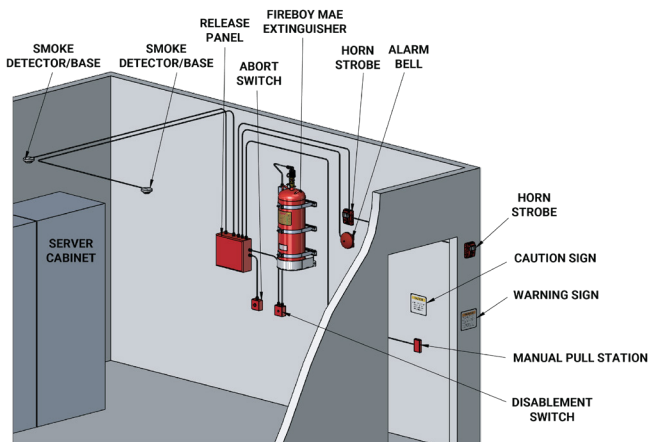
PATENT PENDING

PRODUCT OVERVIEW

MAE SERIES

TYPICAL MAE SYSTEM INSTALLATION

- Extinguisher nozzle is within 24 in. of ceiling
- Maximum volume up to 5,400 ft.³ with three extinguishers equally spaced in the protected room
- Maximum ceiling height is 16 ft.
- Maximum reach is 21 ft.



COMPREHENSIVE FIRE DETECTION AND SUPPRESSION COVERAGE

FK-5-1-12 evaporates more than 50 times faster than water. It rapidly transitions from a liquid to a gaseous state when discharged through a nozzle to quickly achieve extinguishing concentration.

- Extinguishes fires in less than half the time CO₂ and inert gases
- Low toxicity (minimal harm to personnel)
- Avoids damage to sensitive equipment
- Clean Agent with very low Global Warming Potential (GWP<1)
- Not targeted for Emission Reduction or Phase-Out



EASY TO ORDER—ALL COMPONENTS INCLUDED IN THE KIT

ABC complete kit for ordinary combustibles, flammable liquids, and electrical hazards—(5.85% concentration)

MAE SYSTEM PART NUMBER (155° F/68° C)	PROTECTED VOLUME ft ³ (m ³)	CYLINDER HEIGHT in (mm)	CYLINDER DIAMETER in (mm)	AGENT WEIGHT lbs (kg)	SYSTEM SHIPPING WEIGHT in lbs (kg)
MAE0025NVC-30BF-K1	25 (0.7)	14.3 (363)	3.3 (85)	1.3 (0.6)	46 (21)
MAE0050NVC-30BF-K1	50 (1.4)	18.1 (458)		2.7 (1.2)	50 (23)
MAE0100NVC-30BF-K1	100 (2.8)	20.4 (517)	4.3 (110)	5.4 (2.4)	56 (26)
MAE0150NVC-30BF-K1	150 (4.3)	22.1 (560)	5.1 (130)	8.1 (3.7)	62 (29)
MAE0200NVC-30BF-K1	200 (5.7)	22.1 (561)	6.3 (160)	10.7 (4.9)	65 (30)
MAE0250NVC-30BF-K1	250 (7.0)			13.4 (6.1)	69 (32)
MAE0300NVC-30BF-K1	300 (8.5)	21.8 (554)	7.1 (180)	16.1 (7.3)	74 (34)
MAE0400NVC-30BF-K1	400 (11.3)	32.2 (817)		21.5 (9.8)	79 (36)
MAE0500NVC-30BF-K1	500 (14.1)			26.9 (12.2)	102 (47)
MAE0600NVC-30BF-K1	600 (17.0)	38.3 (974)		32.2 (14.6)	113 (52)
MAE0700NVC-30BF-K1	700 (19.8)			37.6 (17.1)	119 (54)
MAE0800NVC-30BF-K1	800 (22.6)	26.4 (671)		10.0 (254)	43.0 (19.5)
MAE0900NVC-30BF-K1	900 (25.5)	32.6 (828)	48.4 (22.0)		144 (66)
MAE1000NVC-30BF-K1	1,000 (28.3)		53.7 (24.4)		150 (68)
MAE1100NVC-30BF-K1	1,100 (31.1)		59.1 (26.8)		157 (72)
MAE1200NVC-30BF-K1	1,200 (34.0)		64.5 (29.3)		170 (78)
MAE1300NVC-30BF-K1	1,300 (36.8)	46.6 (1184)	69.8 (31.7)		175 (80)
MAE1400NVC-30BF-K1	1,400 (39.6)		75.2 (34.1)		181 (83)
MAE1500NVC-30BF-K1	1,500 (42.5)		80.6 (36.6)		187 (85)
MAE1600NVC-30BF-K1	1,600 (45.3)		86.0 (39.0)	197 (90)	
MAE1700NVC-30BF-K1	1,700 (48.1)	46.6 (1184)	91.3 (41.4)	203 (93)	
MAE1800NVC-30BF-K1	1,800 (51.0)		96.7 (43.6)	210 (96)	

ADDITIONAL INFORMATION

- When used on a multiple extinguisher MAE system “-40” each extinguisher includes an empty bulb and burst disc
- When used for a multiple extinguisher MAE system all extinguishers need to be the same size totaling the actual protected volume
- Multiple extinguishers must be spaced equally around the protected space



Manual Backup Shown with 3 Cables and Signage



Pull Cables

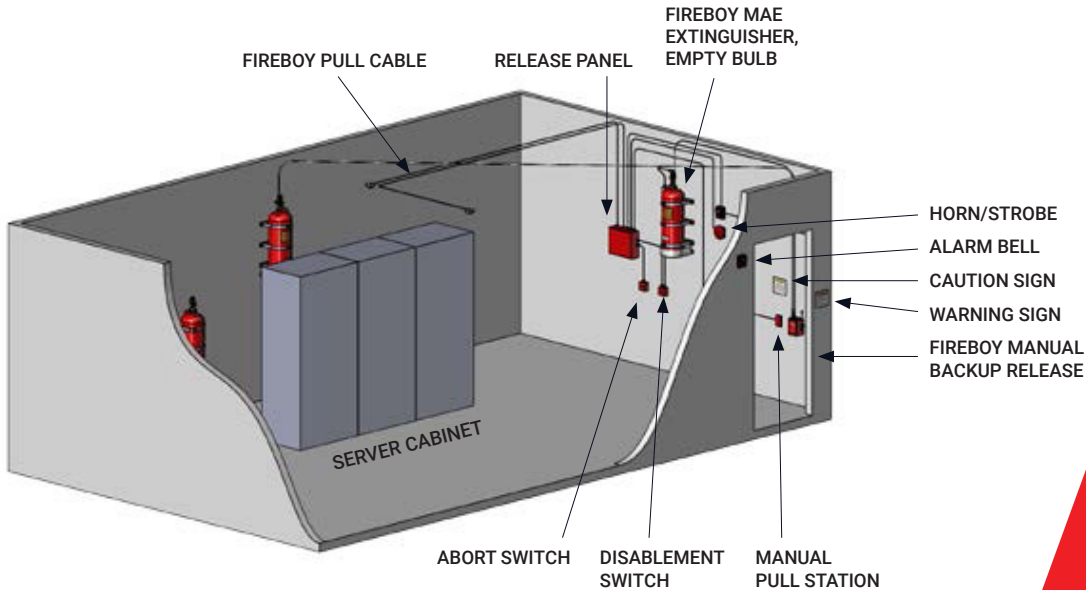


Horn/Strobe



Fireboy-Xintex
is ISO 9001
Certified QMS

TYPICAL MAE MULTI-CYLINDER SYSTEM INSTALLATION



CUSTOMIZE WITH SYSTEM OPTIONS AND ADDITIONAL COMPONENTS

MAE PRE-ENGINEERED SYSTEM OPTIONS

- Extra photo-electric smoke detectors, pull stations, and/or call points, horn/strobes, and fire bells
- Heat detectors 135°F/57°C or 175°F/80°C operation
- Call point in lieu of pull station
- Configurable first stage NAC delays
- Configurable detection delays
- Configurable releasing delays up to 60 seconds
- Configurable releasing duration up to 5 minutes
- Releasing panel available in red or gray finish
- 115/1/60 or 230/1/50 or 60 supply voltage

FREE ONLINE TRAINING &
CERTIFICATION AVAILABLE
SCAN CODE TO LEARN MORE

