

ELKHART  BRASS

INDUSTRIAL FIRE PROTECTION REDEFINED



SECOND GENERATION ELECTRIC
REMOTE-CONTROLLED MONITOR

SAFE  FLEET
Driving Safety Forward™

The Elkhart Brass second generation **Electric Remote-Controlled Monitor (ERCM-II)** system design enables the use of a single PLC based control panel to manage monitor and nozzle motor functions as well as serving as an Operator Control Panel (OCP).



Spitfire Monitor



NMMCP



Remote Control Console



Portable Radio Frequency (RF) Control

Reliable Fire Protection Solutions for Industrial Locations

The ERCM-II system is designed to provide a reliable industrial fire protection solution for Class I, Division 2 or Class I, Zone 2 classified locations. The electric monitor and nozzle are FM approved and the control panel is UL listed.

- Up to 2000 gpm (7570 LPM) flow rate
- Up to 300 ft (91m) stream reach
- 85 Brass monitor construction for corrosive environment and sea water applications
- Straight/jet stream to 30° narrow fog and 90° wide fog nozzle flow patterns
- Optional 120° wide fog nozzle for gas mitigation applications
- AC synchronous motors operated monitor for heavy duty cycle and no risk of overheating
- Double-race, brass bearings on vertical and horizontal swivels ensures monitor reliability and durability
- Manual override enables manual control at any time as desired
- Communication with facility fire detection and alarm system enables system activation via fire alarm input.
- Group response enables grouping and activation of group(s) of monitors with input from fire detection system or a panic push button.
- Optional touch screen remote control console for operation from control room up to 2 km (1.2 miles) away from hazard
- Optional portable Radio Frequency (RF) control with up to 1000 ft (305 m) range
- Networkable
 - Up to 24 nodes per RF Transmitter
 - Up to 24 nodes per system with HMI via ethernet IP
- Ethernet IP network communication protocol enables network communication over facility ethernet network.
- Cat 5e copper or fiber (multimode or single mode) networking.
- Up to 1.2 miles (2 km) distance between nodes with multi-mode fiber.
- Integration with field devices such as flame and heat detection systems
- Complies with NFPA 70 and EN/IEC 60079-14)



Applications

- Oil Refineries
- Oil Rigs
- Tank Farms
- Offshore Platforms
- Fueling Areas
- Fuel Docks
- Chemical Processing
- Waste to Energy
- Helipads
- Airplane Hanger
- Railroad Yards
- Coal Storage
- Lumber Mills
- Paper Mills
- ...and More

ELKHART  BRASS

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09-2021

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