



THE OFFICIAL PARTNER  
FOR THE AMERICAS

# CHEMORI DETECTION TUBING SYSTEMS

PRECISION IN ACTION,  
SAFETY IN EVERY SYSTEM

**DAR & SAR SYSTEMS**  
FOR TOTAL FIRE PROTECTION



## Chemori Detection Tubing System: High-Performance Fire Suppression Solutions

At Chemori, our goal is simple— to deliver high-performance fire protection systems that meet the most demanding safety standards. Our Detection Tubing System offers powerful fire detection and suppression capabilities using advanced extinguishing agents such as ECO7® Liquid Agent, as well as traditional solutions like water, and clean agents HFC-227ea and FK-5-1-12. Chemori ensures a seamless balance between safety, innovation, and adaptability across industries.

### Fire Suppression Mediums Tailored for Your Needs

Chemori's Detection Tubing System offers flexibility in choosing the fire suppression medium that best suits your application, ensuring the highest level of protection across different fire risks.

#### **ECO7® Liquid Agent**

**About:** ECO7® is the eco-friendly fire suppression solution of the future, delivering fast and safe extinguishment. Free of harmful chemicals like PFAS and fluorine, it ensures minimal environmental impact while remaining effective in various fire situations.

**Applications:** Clean energy sectors, data centers, green-certified buildings, and highly regulated environments.

#### **Water**

**About:** Water remains a universal agent for suppressing Class A fires (ordinary combustibles). Chemori's system enhances water's efficiency by controlling its release for optimal coverage and minimal waste, offering reliable fire suppression.

**Applications:** Residential buildings, schools, warehouses, and general offices.

#### **HFC-227ea and FK-5-1-12 Clean Agents**

**About:** Both agents are clean, non-corrosive, and ideal for sensitive environments where leaving residue is not an option. They work by quickly absorbing heat and disrupting the chemical reaction of the fire.

**Applications:** Data centers, museums, telecommunication facilities, and areas where sensitive equipment needs protection.



Modular Systems for Optimal Performance  
**DETECTION TUBING SYSTEMS**

Chemori's Detection Tubing Systems provide dual suppression mechanisms, ensuring tailored protection for small confined spaces and large-scale facilities alike.



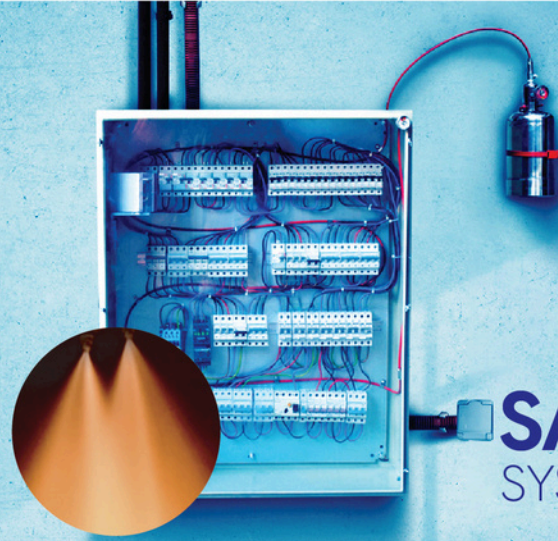
**DAR**  
SYSTEM

**Direct Action Release (DAR)**

**How It Works:** In the DAR system, the detection tubing contains the suppression agent. When heat from a fire ruptures the tubing, the agent is immediately released at the fire source, rapidly extinguishing it before it spreads.

**Benefits:** Direct, immediate action perfect for localized protection of high-risk areas.

**Applications:** Engine compartments, electrical cabinets, and areas with concentrated fire hazards.



**SAR**  
SYSTEM

**Secondary Action Release (SAR)**

**How It Works:** The SAR system uses the tubing as a heat-sensitive trigger. When the tubing detects fire, it activates a suppression cylinder that releases the agent through strategically placed nozzles, covering a wider area.

**Benefits:** Broader fire coverage, ensuring the entire space is protected.

**Applications:** Industrial plants, warehouses, factories, and open commercial spaces.

**Precision and Strength in Every Detail**

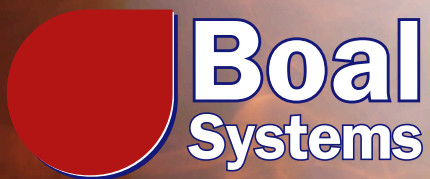
**Stainless Steel Valves:** Available in 1/2", Chemori's stainless steel valves are designed for durability and corrosion resistance, providing precise, controlled agent release for consistent fire suppression.

**Working Pressure:** Our Detection Tubing Systems operate at 195 PSI and 240 PSI, ensuring reliable fire suppression performance across various system configurations.

**Cylinder Sizes:** Stainless steel cylinders are available in 3 lb, 6 lb, 12 lb, and 18 lb options.

**Detection Tubes:** Available in **RED** and **BLACK**.





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YOUR SAFETY IS OUR PRIORITY.  
CONNECT WITH CHEMORI  
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TAILORED TO YOUR NEEDS.

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