



**ROTAREX**  
FIRETEC



COMPLETE SYSTEMS FOR ELECTRICAL CABINETS

# A COMPLETE DETECTION & SUPPRESSION SYSTEM PRE-ENGINEERED FOR ELECTRICAL CABINETS

- ★ Easy / Flexible installation
- ★ Quick & Effective suppression
- ★ Highly Dependable: no electricity
- ★ Highly economical



Firedetec components are UL and FM Approved when installed in a properly configured system according to NFPA 2001 standards.



Firedetec systems are available with Dupont® FM-200® clean agent.



## EVERYTHING YOU NEED TO CONFIGURE A COMPLETE SYSTEM



## REDUCES EVEN THE MOST CRITICAL ELECTRICAL FIRE RISKS:

- Combustion from short circuits, overloading or overheating
- Extensive damage to circuitry
- Work stoppage
- Extensive cleanup if sprinkler system discharges

# THE FIREDETEC® DIFFERENCE

Rotarex FireDETEC® systems use a proprietary continuous linear sensor tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is more flexible, space efficient and cost effective versus alternative mechanical or electronic systems.



### 1. Quick & Easy installation directly inside electrical cabinets:

The flexible sensor tubing is easily installed inside the electrical cabinet - directly above the wires and circuitry where a fire could start.

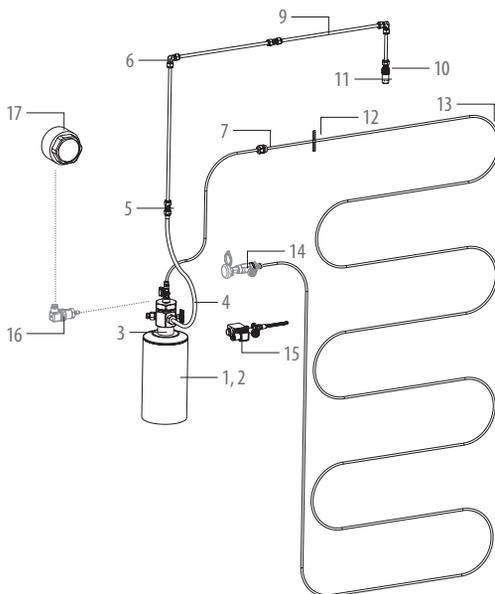
When in service, the tubing is pressurized with dry nitrogen to 240 psi. The dynamics of pressurization make the tubing more reactive to heat.

### 2. Early fire detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 240°F)

### 3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with extinguishing agent. The fire is quickly suppressed just moments after it began, minimizing damage and downtime.



### A TYPICAL ELECTRICAL CABINET SYSTEM INCLUDES:

Pos.	Qty.	Description
1	1	ILP cylinder / valve assembly (filled)
2	1	Cylinder bracket
3	1	Gasket
4	1	Rubber hose
5	2	Tube fitting - straight
6	2	Tube fitting - elbow
7	1	Cross-panel fitting
8	4	Pipe bracket (not shown)
9	2	Stainless steel tubing
10	1	Tube fitting - straight - G ¼"
11	1	Nozzle
12	20	Binding ties
13	1	FireDETEC tube
14	1	Manual release device

### OPTIONAL

15	1	Solenoid release device
16	1	Pressure switch
17	1	Alarm box

### SPECIFICATIONS

	FM-200®		
Cylinder kit size	3 lbs.	7 lbs.	14 lbs.
Cylinder volume	75 in <sup>3</sup>	174 in <sup>3</sup>	350 in <sup>3</sup>
Cylinder approval	DOT	DOT	DOT
Weight (filled)	7.62 lbs	14.0 lbs	19.94 lbs

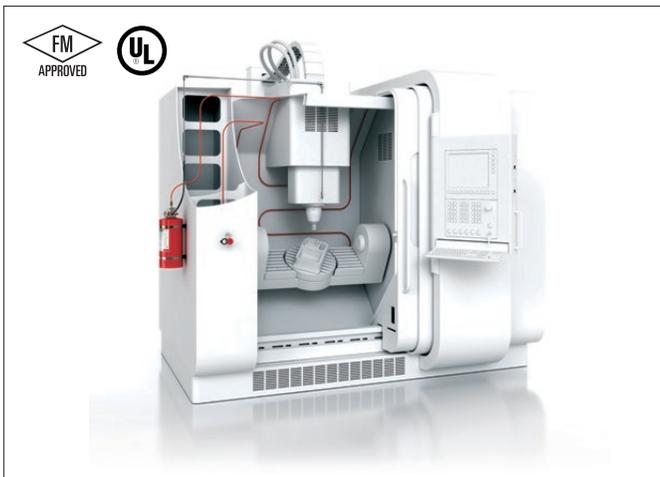
US HEADQUARTERS

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## OTHER AVAILABLE PRE-ENGINEERED SYSTEMS:

### CNC MACHINES



### FUME CABINETS

