



Redefining Fire Safety

Kitchen Fire Suppression System

## A Complete Detection & Suppression System Pre - Engineered For Commercial Kitchens

- Easy / Flexible installation
- Quick & Effective suppression
- Highly Dependable: no electricity or moving parts
- Highly economical



### Reduces even the most critical kitchen fire risks:

- Flammable grease and open flame in cooking areas
- Human injury
- Damage to cooking equipment and peripheral kitchen area
- Work stoppage
- Loss of client goodwill



## 1. Quick & Easy installation directly above high-risk cooking areas:

The flexible sensor tubing is easily installed directly inside the extractor hood - directly above cooking areas. When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.



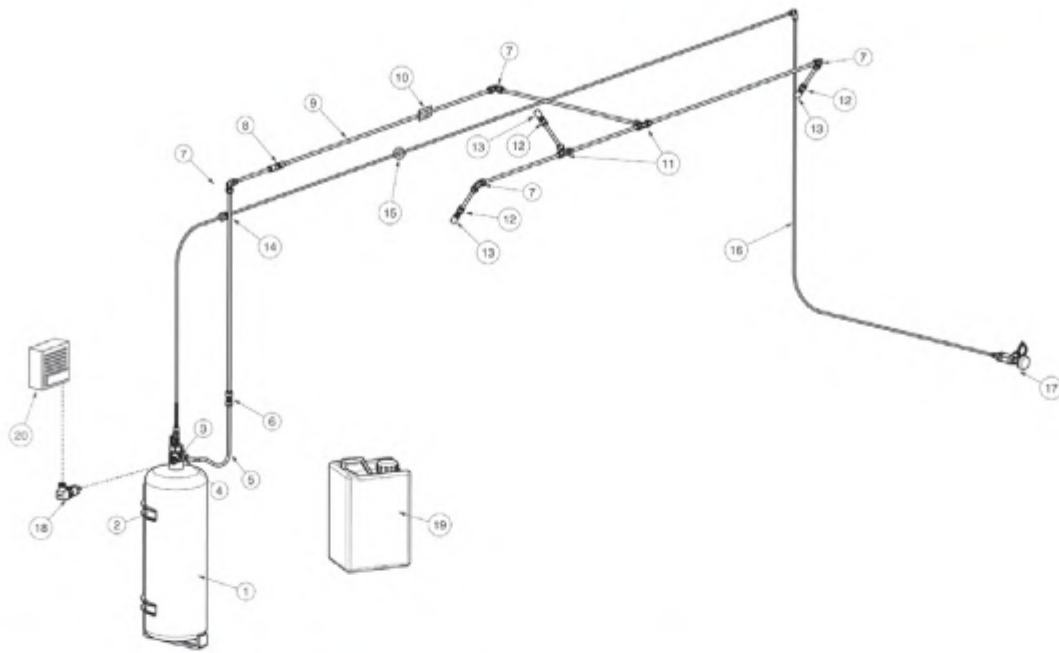
## 2. Early fire detection:

If a flame - up occurs, the heat of the fire causes the pressurized sensortube to burst at the hottest spot (approx. 110 C.)

## 3. Instant suppression:

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





Pos.	Qty.	Description
1	1	ILP cylinder / valve assembly 9 Liter (not filled)
2	1	Cylinder bracket
3	1	Gasket
4	1	Tube fitting (nickel plated)
5	1	Steel hose
6	1	Tube fitting-straight union
7	4	Tube fitting-Elbow
8	1	Cross panel - fitting
9	6	Stainless steel tubing (1m)
10	4	Pipe bracket (Ø8mm)
11	2	Tube fitting - Tee
12	3	Tube Fitting - Straight G 1/4"
13	3	Nozzle
14	1	Cross panel - fitting
15	20	Screw clips for tube attachment
16	1	Fire DETEC Tube red (10m)
17	1	Manuel release device
18	1	Pressure switch
19	1	FireDETEC suppression agent (9 liter canister)

Extinguishing agents	Class F
Propellant	Nitrogen
Volume of Extinguishing agent	9 liters

Tube pressure	16 bar
Sensor tube burst temperature	110°C
Cylinder pressure	16 bar

Working temperature	-20°C to +60°C
Cylinder volume	12 liters
Weight (filled)	13 Kg

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