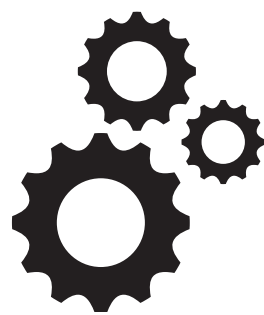
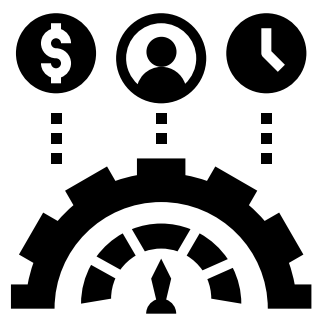


FireTec is SRI’s compact, automatic and effective fire detection and extinguishing system. The efficacy of FireTec comes from the revolutionary polymer tubing which ruptures when exposed to flames. This specialised tube boasts excellent resistance to vibration, flexibility, durability and precise temperature sensitivity which allows it to rapidly react when heat from fire is present.



Pre Engineered

- Easy installation
- Designed to protect small enclosures



Cost Efficient

- No electricity or additional detection components required



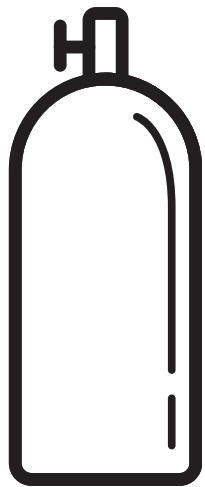
Asset Protection

- Non toxic agents used
- Any fire extinguished in seconds



Sensor Tube

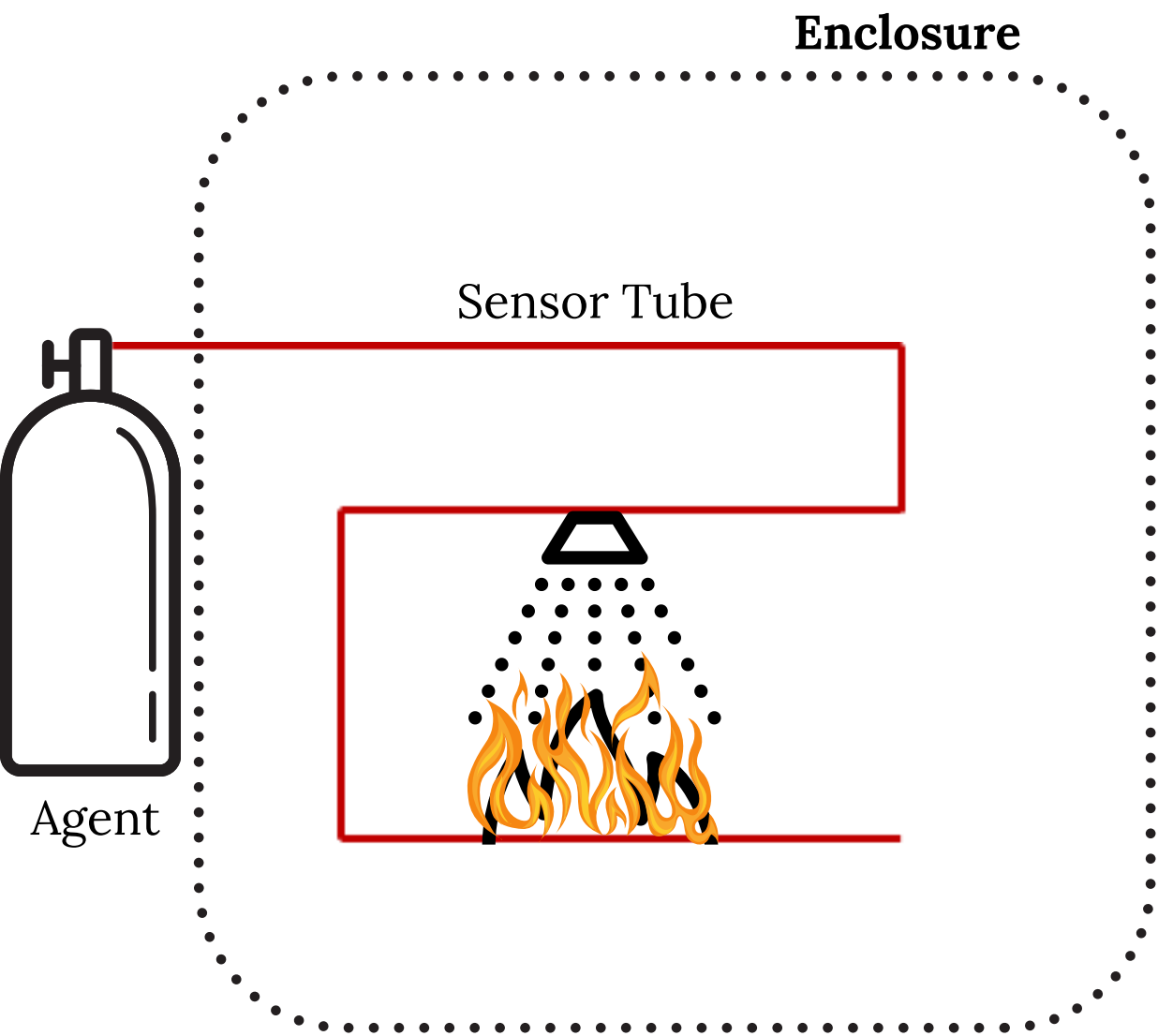
Code No	SPS-KS001-XXX-BK
Dimensions	Ø6mm
Burst pressure	150°C at 18bar
Optimal working pressure	18bar at 20°C
Minimum bending radius	200mm



Agents Available

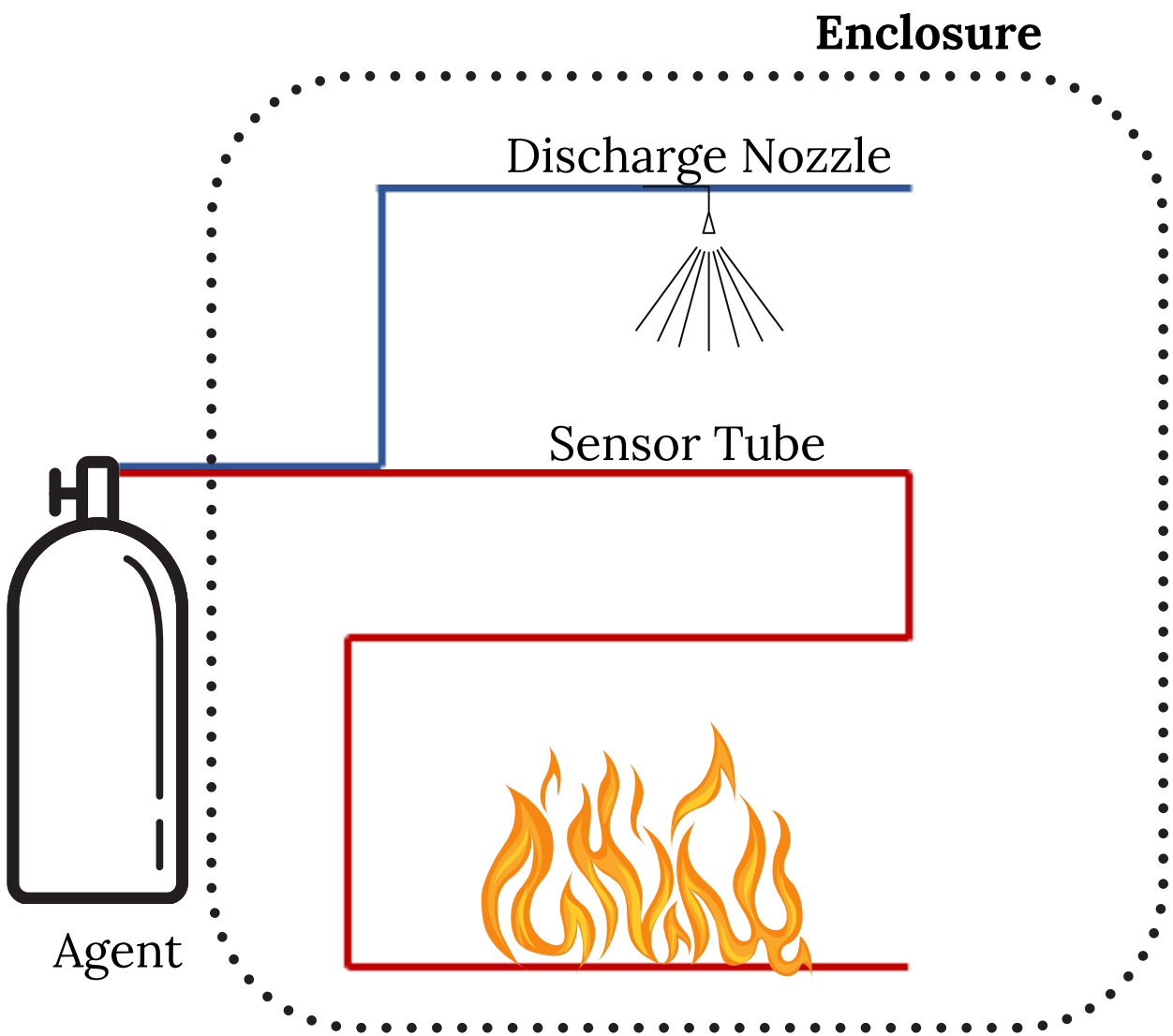
- HFC-227ea
- FK-5-1-12

DIRECT



In a direct system, the FireTec tubing is used for both detection and suppression. A portion of the tube ruptures upon detection, forming a 'nozzle'. The pressure drop in the tube then releases the agent to flood the entire enclosure.

INDIRECT



In an indirect system, the FireTec tubing is used only as a detection device. Once the tubing bursts, the agent is discharged through a strategically placed nozzle, flooding the entire enclosure.



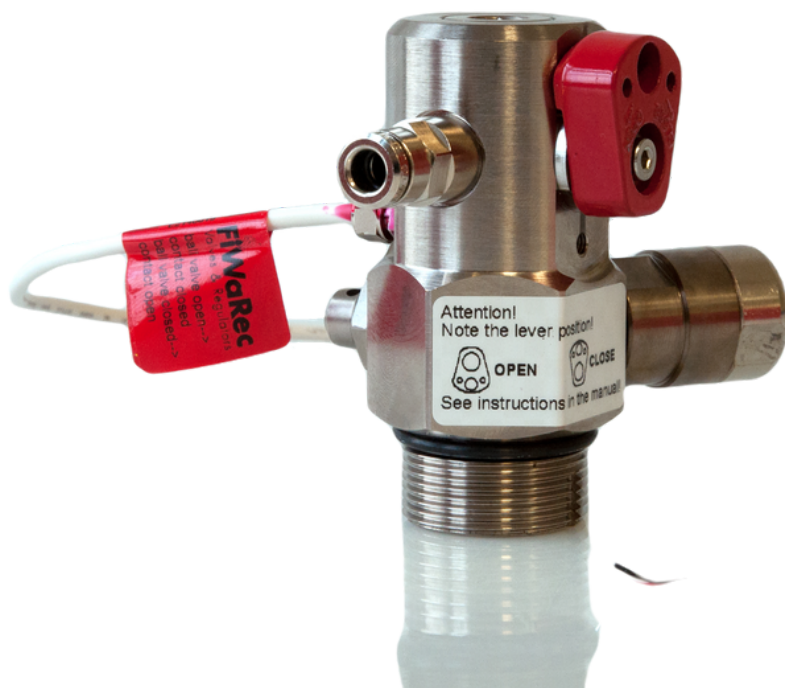
Cylinder Specifications

Material	Cold Roll Steel
Colour	Red
Agent	HFC227-ea or FK-5-1-12
Capacity	Various
Working Pressure	18 bar
Operating Temperature Range	-10°C to 60°C
Sensor Tube Actuation Temperature	150°C at 18 bar



ILP Valve (Indirect System)

Pressure Gauge Connection	M10x1mm (with Non Return Valve)
Cylinder Thread	M30x1.5mm
Valve Outlet	G1/4"
Dip Tube Thread	M16x1.5mm
Seat Diameter	Ø8mm (DN8)
Temperature Range	-20°C to 65°C
Working Pressure	Max 28 bar
Material of Valve Body	Brass, Nickel-Plated



DLP Valve (Direct System)

Pressure Gauge Connection	M10x1mm (with Non Return Valve)
Cylinder Thread	M30x1.5mm
Dip Tube Thread	M16x1.5mm
Temperature Range	-20°C to 65°C
Working Pressure	Max 28 bar
Material of Valve Body	Brass, Nickel-Plated



Sensor Tube

Operating Temperature	-40°C to 80°C
Dimensions	Outer Ø6mm
Material	Modified Polyamide
Melting point	Approximately 220°C when heating up with 10K/minute
Operating Pressure	Between 11bar and 23bar, Optimal Filling Pressure at 18bar
Burst Pressure	150bar at 18°C



Contact Gauge

Scale Range	max 400 bar
Pressure Limitation	steady: 3/4 x full scale fluctuating: 2/3 x full scale short time: full scale
Temperature Range	-20°C to 65°C
Connection	M12x1mm (male) for High Pressure Gauges M10x1mm (male) for Low Pressure Gauges
Electrical Data	Switching Voltage: 4.5 to 24VDC/VAC Switching Current: 5 to 100mA Contact Load: max 2.4W Switching Contact: breaks (normally closed - NC) or makes (normally open - NO) Potential - Free Contact



Manual Actuator

Operating Pressure	Max 28 bar
Temperature Range	-20°C to 65°C
Material of Valve Body	Brass, Nickel-Plated



Signal Generator

Operating Pressure	max 28bar
Temperature Range	-20°C to 85°C
Connection	M10x1mm (male) or G1/8" (female)
Available Switch Modes	Normally Closed: NC Normally Open: NO Change-Over Contact