

PRISM[®] THERMAL SUPPRESSION



The Prism Thermal Suppression system mitigates risk of thermal events caused by welding and cutting particulate entering the fume extraction unit. This fully integrated fire suppression system is UL-listed, FM-approved and a recommended option by Lincoln Electric.



Mitigates Thermal Risks



Added Safety in the Workplace



Easy System Maintenance

Key Features

- Factory Installed
- Simple to Use – Ties into Existing PLC
- Integrated with the Prism Filter Bank and Prism Compact
- Discharge will not be triggered by a false alarm notification
- Refillable at Certified Distributor Locations

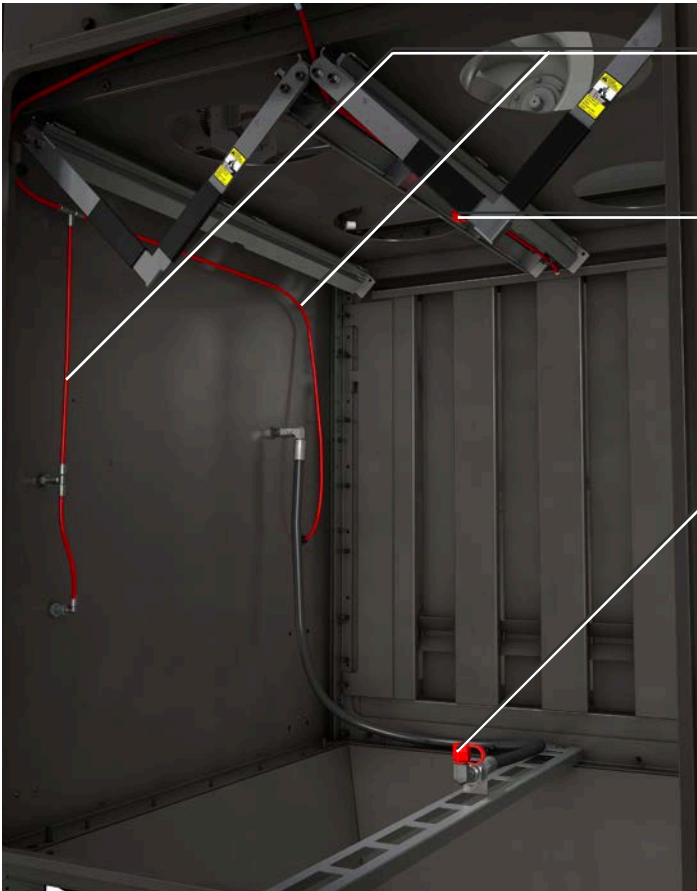
Specifications and Maintenance

- A semi-annual inspection is to be performed by a certified distributor
- Tank Size: 6.32 In. (Diameter) x 17.68 In. (Height) x 300 In³ (Volume); 10 Lb. (Agent)
- Normal operating pressure: 195 psi
- Refilling locations available at 500+ Firetrace[®] distributors

How It Works in 4 Steps

- 1 The smoke detector detects smoke in the system
- 2 The inlet damper and exhaust close to fix the air volume in the filtration unit
- 3 The detection tubing bursts if temperature exceeds 212°F
- 4 The suppressant is discharged from the nozzles into the unit
- 5 Replace the tubing and suppressant, have the system inspected and reset and you are back up and running.

Industries Served	Available Installation	Suppressant Type*
<ul style="list-style-type: none"> • Automotive • General Fabrication • Heavy Fabrication • Education 	<ul style="list-style-type: none"> • Prism 4 • Prism 8 • Prism 12 • Prism 16 • Prism Compact 	<ul style="list-style-type: none"> • Novec Clean Agent Suppressant • ABC Dry Chemical



Detection Tubing

Suppressant Discharge Nozzle*

Exhaust Damper

Smoke Detector

Warning / Diagnostic Stack Light

Inlet Damper

Suppressant Canister



* 4-bank units have upper and lower nozzles, larger banks have 1 or 2 upper nozzles.

Shown: Prism Compact with Prism Thermal Suppression