



## SUPPRESSANT CONTAINERS

### DESCRIPTION

Fike suppressant containers provide optimum performance in delivering the suppressant agent and suppressing an explosion. These patented high-rate discharge suppressant containers are specifically designed to reduce the time required to inject the agent and suppress the flame front.

In addition, Fike offers 9-liter containers used specifically for chemical explosion isolation. This technique is often used in conjunction with explosion suppression and explosion venting to protect interconnected vessels.

The high-rate discharge containers comply with the ASME Boiler and Pressure Vessel Code. 9-Liter complies with DOT regulations.

### FIKE SERVICES

Fike expertise creates the right explosion protection solution for your specific application:

- Engineers and application specialists familiar with your application and applicable codes
- Product testing and hazard analysis to design appropriate protection

### FEATURES

Patented 90° elbow and zero restriction nozzle opening  
 Gas cartridge actuator with 10 year service life

Variety of suppressant agents  
 Field refurbishable  
 Designed for optimal throw distance

### TECHNICAL SPECIFICATIONS

Approvals:  
 Ambient Temperature Range:  
 Pressure Gauge:  
 Materials of Construction:

Paint Specification:

### BENEFITS

Delivers suppressant agent faster reducing overall pressure and damage to vessel and protects a wider range of hazards  
 Reduces maintenance and cost of ownership. GCA's may be easily removed for maintenance without depressurization or removing container from vessel  
 Protects against a wide range of hazards  
 Return to normal operating conditions faster, easier, and cheaper  
 Enables better, faster suppression reducing pressures and protects vessel from damage

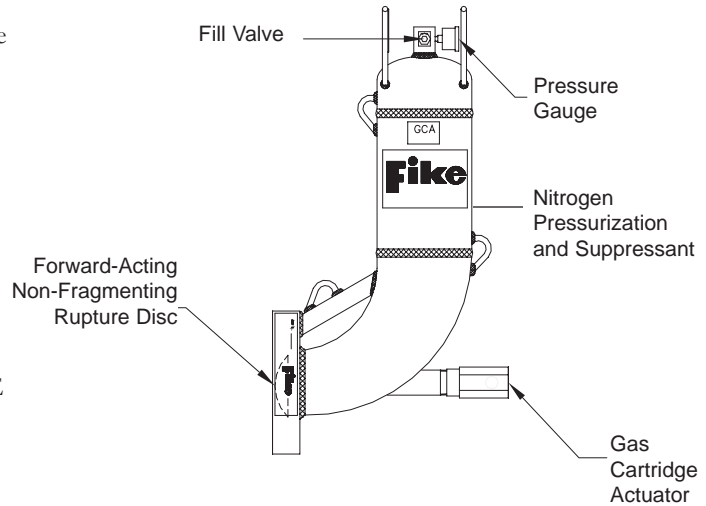
Factory Mutual, ATEX, ASME  
 -30°F to 140°F, -34°C to 60°C  
 Standard  
 Body & Flange: high grade carbon steel  
 Initiator Housing: SST  
 Pressure Gauge: SST  
 All exposed surfaces: White baked urethane enamel

### SUPPRESSANT AGENTS

Fike offers a variety of environmentally safe suppressant agents to meet your specific application. These include Sodium Bicarbonate (including an optional food grade agent), Mono Ammonium Phosphate, and a water-based agent.

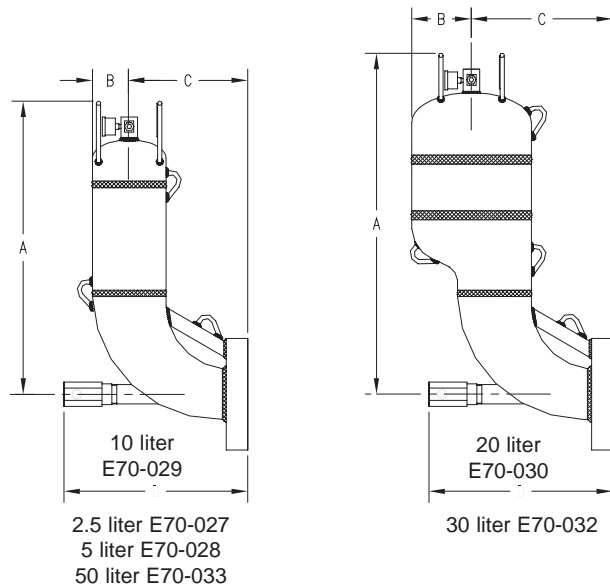
### DISPERSION NOZZLES

Fike dispersion nozzles are designed to provide the widest possible dispersion of the suppressant agent. For specific information on these dispersion nozzles, see the Fike Nozzle Data Sheet (X.1.27.01).



**Note:**

Fike offers six different suppressant containers and one chemical isolation container to meet your specific application. Two suppressant containers are illustrated to show the two basic configurations. The 2.5, 5, and 50 liter containers are similar to the 10 liter container illustrated. The 30 liter container is similar to the 20 liter container illustrated. See the table below for overall dimensions of specific containers. These illustrations are not to scale.



SIZE	DIMENSIONS				MOUNTING FLANGE	EMPTY WEIGHT (POUNDS)
	A	B	C	D		
2.5 Liter	12	3	7 5/8	16 1/4	4" ANSI 300	67
5	15	3 5/16	10 5/8	16 1/4	4" ANSI 300	95
10	24 7/8	3 5/16	10 5/8	16 1/4	4" ANSI 300	118
20	30	5 3/8	12 3/4	16 1/4	4" ANSI 300	206
30	35 1/4	5 3/8	12 3/4	16 1/4	4" ANSI 300	220
50	41 3/8	5 3/8	19	21 1/4	6" ANSI 300	251
9	21 3/4	7 3/4				30

*Note: All specifications are subject to change without notice.*

