

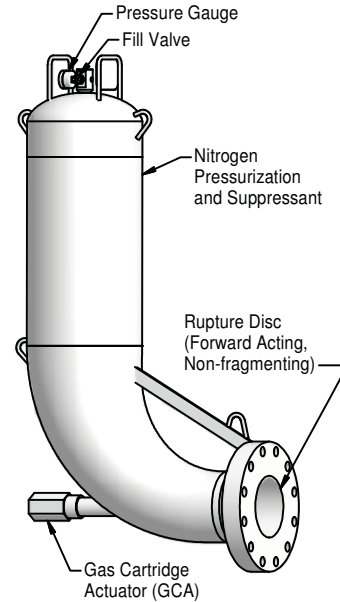
## SUPPRESSANT CONTAINERS

### 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 and disperse 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 and are available with Canadian Registration Numbers (CRN). The 9-Liter container complies with DOT regulations and is available to meet Transport Canada Regulations.



### STANDARD FEATURES AND BENEFITS

Patented 90° elbow and zero restriction nozzle opening	Delivers suppressant agent faster reducing overall pressure and damage to vessel and protects a wider range of hazards
Gas cartridge actuator with 10 year service life	Reduces maintenance and cost of ownership. GCA's may be easily removed for maintenance without depressurization or removing container from vessel
Variety of suppressant agents	Protects against a wide range of hazards
Field refurbishable	Return to normal operating conditions faster, easier, and cheaper
Designed for optimal throw distance	Enables better, faster suppression reducing pressures and protects vessel from damage
Optional Features	Block Valve, Low Pressure Switch, OEM, Mechanical/Electrical Lockout

### SPECIFICATIONS

System Approvals:	Factory Mutual, ATEX*
Ambient Temperature Range:	-30°F to 140°F, -34°C to 60°C
Pressure Gauge:	Standard
Materials of Construction:	Body & Flange: High grade carbon steel Initiator Housing: SST Pressure Gauge: SST
Paint Specification:	All exposed surfaces: White baked urethane enamel

\* Consult factory.

Form No. X.1.28.01-2

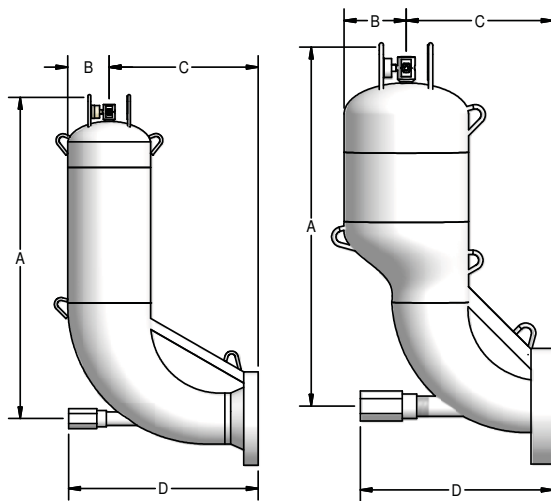
## SUPPRESSANT AGENTS

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

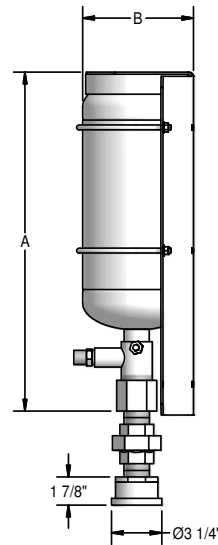
## DISPERSION NOZZLES

Fike patented 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).

SUPPRESSANT CONTAINERS



CHEMICAL ISOLATION CONTAINER



**Note:**

See the table below for overall dimensions of specific containers. These illustrations are not to scale.

Fike P/N	Size (liters)	Dimensions (inches)				Mounting Flange	Empty Weight (pounds)
		A	B	C	D		
E70-027	2.5	12	3	7 5/8	16 1/4	4" ANSI 300	67
E70-028	5	16	3 5/16	10 5/8	16 1/4	4" ANSI 300	95
E70-029	10	26 5/16	3 5/16	10 5/8	16 1/4	4" ANSI 300	118
E70-030	20	30 9/16	5 3/8	12 3/4	16 1/4	4" ANSI 300	206
E70-032	30	32 13/16	5 3/8	12 3/4	16 1/4	4" ANSI 300	220
E70-033	50	41 3/8	5 3/8	19	24 1/4	6" ANSI 300	251
E70-035	9	21 3/4	7 1/2	-	-	-	30

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



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