



SUPPRESSION DISPERSION NOZZLES

DESCRIPTION

Dispersion nozzles are mounted directly to the agent storage container. These patented "Zero Restriction" nozzles do not add additional flow restrictions. In fact, the total area of the dispersion orifices is twice that of the nozzle inlet. In addition to the standard nozzle, Fike offers a flush-mount, telescoping nozzle for hygienic or abrasive applications.

If product build-up in the nozzle is a concern, Fike offers a non-fragmenting nozzle cover that provides a hermetic seal until the agent is released. Upon release, the nozzle cover bursts, allowing unrestricted flow of the suppressant while containing the nozzle cover so that it does not contaminate the process. An optional "Pop-off" nozzle cover is also available.

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

STANDARD FEATURES

Zero restriction nozzles

Standard nozzle covers do not release into process under explosion conditions

Food Grade/FDA approved materials

BENEFITS

Improves suppressant dispersion into protected area for faster suppression of an explosion

Easier, faster clean up after an explosion

Suitable for hygienic applications

SPECIFICATIONS: HIGH RATE DISCHARGE FOR CHEMICAL SUPPRESSION

Compliance / Approvals:

NFPA 69, Factory Mutual

Materials of Construction:

Nozzle: 304 stainless steel, cast

Full Flange Covers (temp. limits):

Viton (450°F/230°C)

Food Grade Neoprene (250°F/120°C)

Elastomer Telescopic Cover:

Silicone (450°F/230°C)

Food Grade Neoprene (250°F/120°C)

Viton (450°F/230°C)

316 SST Hygienic

Hygienic without nozzle

Flush Mount Covers W/O Nozzle:

Food Grade White Neoprene (250°F/120°C)

Food Grade White Silicone (450°F/230°C)

50L Covers:

Food Grade White Silicone (450°F/230°C)

Food Grade White Neoprene (250°F/120°C)

Optional Equipment:

316 SST Hygienic

Thermal Shield

Nozzle for shredder applications

SPECIFICATIONS: STANDARD RATE DISCHARGE FOR CHEMICAL ISOLATION

Compliance / Approvals:

NFPA 69, Factory Mutual

Materials of Construction:

Nozzle: 304 Stainless Steel, cast

Nozzle Covers:

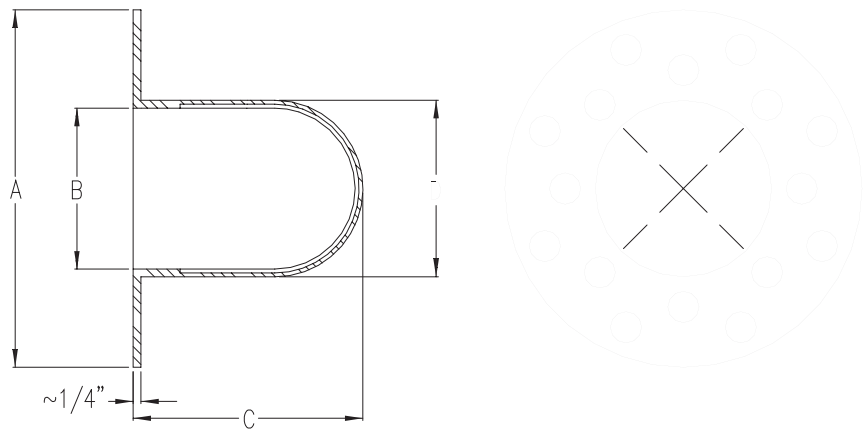
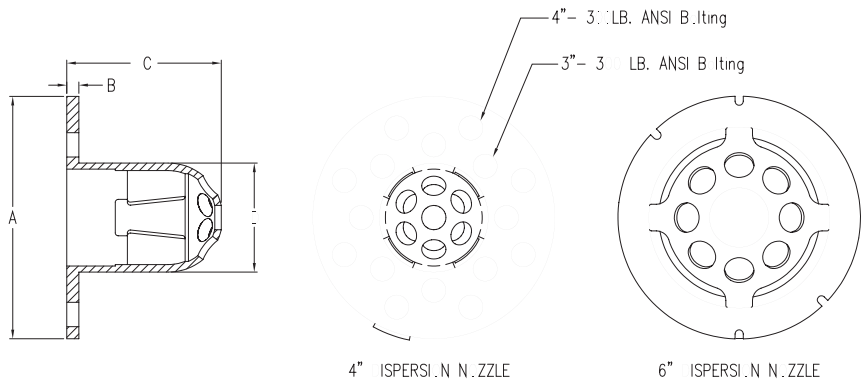
Teflon

Metal

Optional Equipment:

Flex hose connection

FIKE EXPLOSION SUPPRESSION DISCHARGE NOZZLES AND COVER

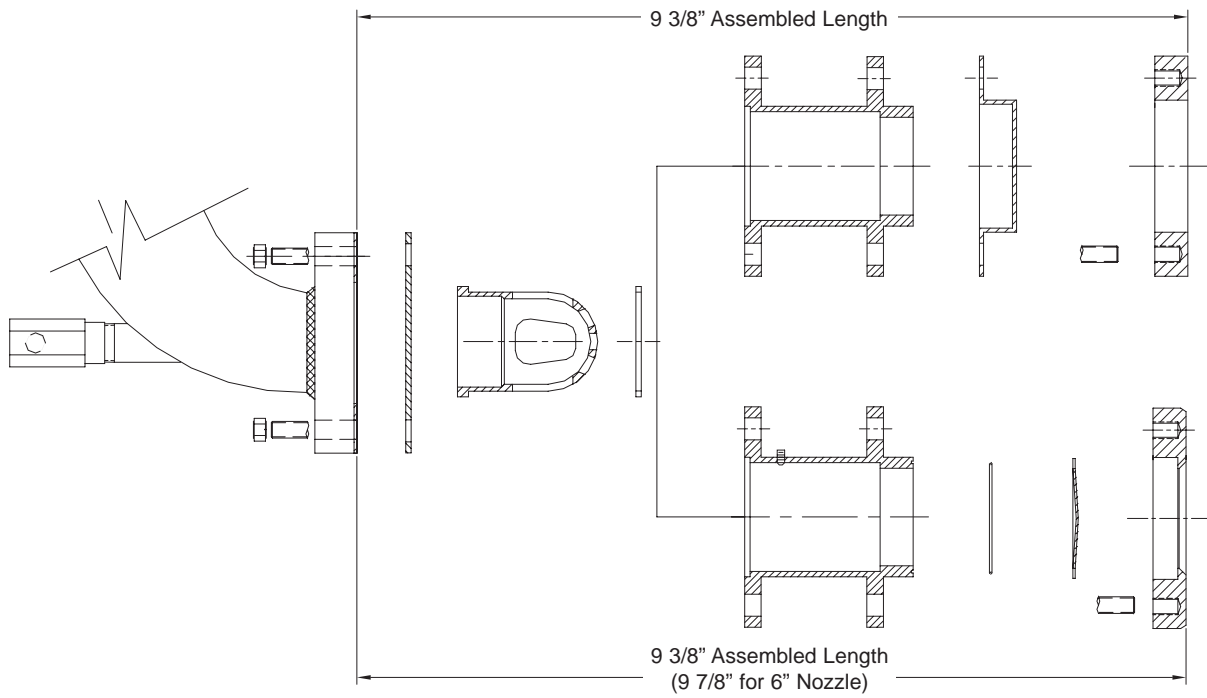


DIMENSIONS

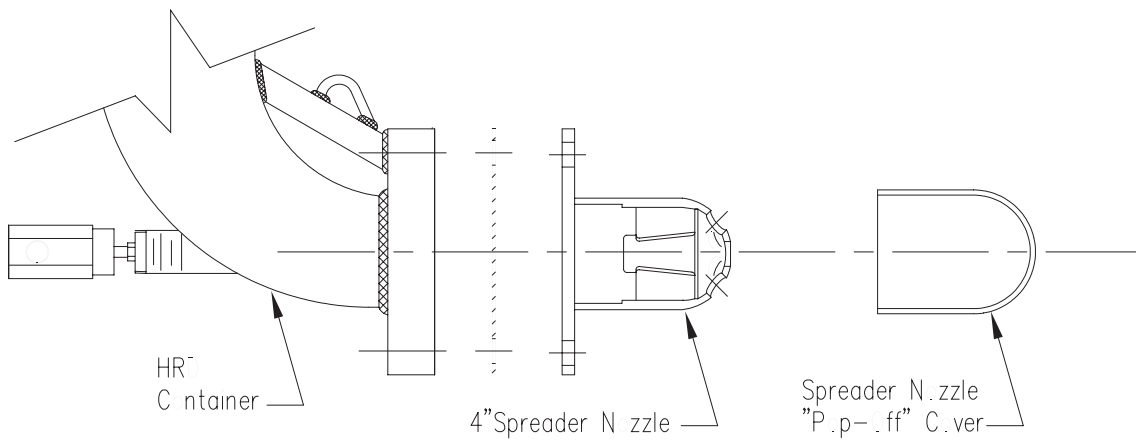
Nozzles				
	A	B	C	D
4"	10"	1/2"	6 1/2"	4 1/2"
6"	9 3/16"	3/4"	7 3/4"	6 7/8"

Nozzle Cover				
	A	B	C	D
4"	10"	4 5/8"	6 1/4"	5"
6"	9 3/16"	7"	7 1/4"	7 7/16"

FLUSH-MOUNT TELESCOPIC NOZZLE ASSEMBLY



HYGIENIC TELESCOPIC NOZZLE ASSEMBLY



"POP-OFF" NOZZLE COVER

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