

ENGINEERED DISCHARGE NOZZLES

DESCRIPTION

The function of the NAFFCO discharge nozzle is to control the agent flow and distribute the agent throughout the protected enclosure in a uniform, predetermined pattern and concentration.

FEATURES

- The discharge nozzle size refers to the size of schedule 40 or 80 pipe that it can be connected to.
- The discharge nozzle is mounted to allow the agent to be discharge on a horizontal axis.
- The nozzle orifice area is determined by performing a hydraulic calculation using the NAFFCO Engineered Flow Calculation program.
- Nozzle should not be ordered until the clean agent system pipe network is installed and an "As Built" hydraulic calculation is performed.
- Nozzle orifice drilling must be done at NAFFCO factory.

Nozzle Size - $\frac{3}{8}$ "-2"(10-50mm)

Nozzle Type	Radius "R" Dimensions ft.(m)	Ceiling Height Range ft.(m)
180°	45.67(13.92)	1.0 to 16.0(0.3 to 4.9)
360°	29.67(9.04)	1.0 to 16.0(0.3 to 4.9)

PRODUCT APPROVALS

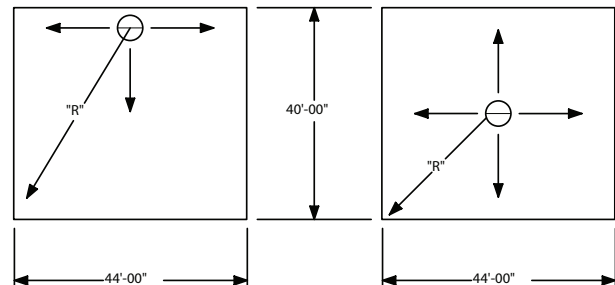


360° Nozzle



180° Nozzle

NOZZLE SIZE AND AREA COVERAGE



SPECIFICATION

Nozzle Size	360° Engineered Nozzles <i>(12 Orifices)</i>			180° Engineered Nozzles <i>(11 Orifices)</i>			Nozzle Length
	Part Number	Drill Diameter <i>(inches)</i>		Part Number	Drill Diameter <i>(inches)</i>		
		<i>inches (mm)</i>	<i>Min.</i>		<i>Max.</i>	<i>Min.</i>	<i>Max.</i>
⅜" (10)	NF-80-091-XXXX	0.0670	0.1250	NF-80-098-XXXX	0.0670	0.1285	1.56 (40)
½" (15)	NF-80-092-XXXX	0.0810	0.1590	NF-80-099-XXXX	0.0860	0.1660	1.88 (48)
¾" (20)	NF-80-093-XXXX	0.1065	0.2090	NF-80-100-XXXX	0.1130	0.2210	2.19 (56)
1" (25)	NF-80-094-XXXX	0.1360	0.2660	NF-80-101-XXXX	0.1440	0.2812	2.50 (64)
1¼" (32)	NF-80-095-XXXX	0.1820	0.3480	NF-80-102-XXXX	0.1875	0.3680	3.13 (79)
1½" (40)	NF-80-096-XXXX	0.2090	0.4130	NF-80-103-XXXX	0.2188	0.4219	3.38 (86)
2" (50)	NF-80-097-XXXX	0.2720	0.5312	NF-80-104-XXXX	0.2812	0.5469	3.75 (95)
Material		Brass					
Listings & Approval		UL Listed & FM Approved					