

ENGINEERED NOZZLES FOR ECARO-25®

DESCRIPTION

The function of the Fike discharge nozzle is to control the agent flow and distribute the agent throughout the protected enclosure in a uniform, predetermined pattern and concentration. Nozzles are made of brass and have the Fike logo forged into two hex flats.

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 Fike 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 Fike factory, or at a UL listed nozzle drill station.

ORDERING INFORMATION

Nozzle Size in. (mm)	360° Engineered Nozzles (6 Orifices)	180° Engineered Nozzles (7 Orifices)	Nozzle Length (Approx.) in. (mm)
	Part Number	Part Number	
3/8 (10)	80-077-XXXX	80-084-XXXX	1.38 (35.1)
1/2 (15)	80-078-XXXX	80-085-XXXX	1.63 (41.4)
3/4 (20)	80-079-XXXX	80-086-XXXX	1.88 (47.8)
1 (25)	80-080-XXXX	80-087-XXXX	2.19 (55.6)
1 1/4 (32)	80-081-XXXX	80-088-XXXX	2.69 (68.3)
1 1/2 (40)	80-082-XXXX	80-089-XXXX	2.94 (74.7)
2 (50)	80-083-XXXX	80-090-XXXX	3.13 (79.5)
Material	Brass		
Threads	NPT		



ECARO-25, 360° nozzle



ECARO-25, 180° nozzle

APPROVALS:

- UL Listed
- ULC Listed
- FM Approved



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