

DISCHARGE NOZZLES FOR FK-5-1-12

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. 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 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 | 180° Engineered Nozzles | Nozzle Length (Approx.) in. (mm) |
|-------------------------|----------------------------|-------------------------|--|
| | Part Number | Part Number | |
| 1/2 (15) | 80-124-50-XXXXX | 80-122-50-XXXXX | 2.165 (55) |
| 3/4 (20) | 80-124-75-XXXXX | 80-122-75-XXXXX | 2.165 (55) |
| 1 (25) | 80-124-100-XXXXX | 80-122-100-XXXXX | 2.52 (64) |
| 1-1/4 (32) | 80-124-125-XXXXX | 80-122-125-XXXXX | 2.95 (75) |
| 1-1/2 (40) | 80-124-150-XXXXX | 80-122-150-XXXXX | 3.54 (90) |
| 2 (50) | 80-124-200-XXXXX | 80-122-200-XXXXX | 4.13 (105) |
| Material | Brass | | |



180° Nozzle



360° Nozzle

APPROVALS:

- UL Listed
- ULC Listed
- FM Approved



Note: FK-5-1-12 nozzles need to be installed pointing down only.