

# AIR ASPIRATING FOAM NOZZLE MODEL AFN-2

## Data/Specifications



### DESCRIPTION

Constructed of hard anodized aluminum with stainless steel fasteners, adjustment rod and deflector; this air aspirating foam nozzle offers minimum weight with durability. Stream pattern is adjustable in the field to a dispersed stream or a full straight stream.

Flow rates are specifically tailored to individual protection by the insertion of a pre-engineered stainless steel orifice plate. Orifice plates can be sized for flows from 700 to 2000 gpm (2650 to 7571 Lpm) within K-factors of 57 to 233 based on flowing nozzle inlet pressure. (Monitor friction loss must be deducted from monitor inlet pressure to use these K-factors.)

The nozzle attaches to ANSUL® Model WOM-4 Automatic Water Driven Oscillating Monitor. Connection is made to the monitor with a special flange joint and O-ring.

### ORDERING INFORMATION

When ordering, specify required flow and pressure. Consult ANSUL for engineering assistance.

Part No.	Description
77088	AFN-2 Nozzle
77115	AFN-2M Nozzle with Lever Operator

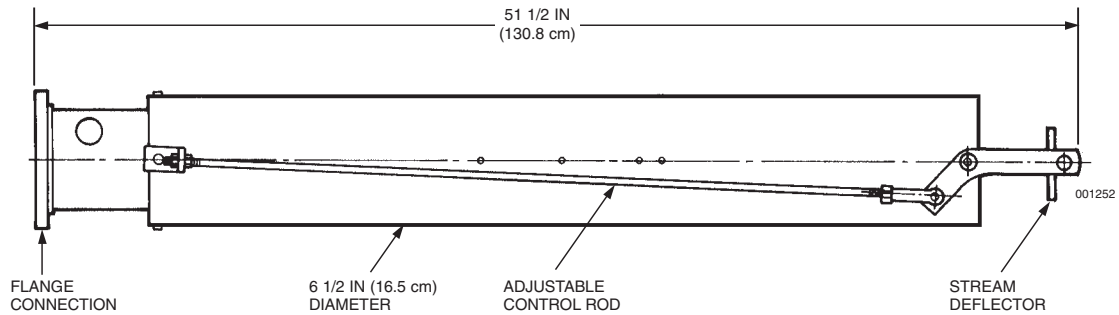
► Contact ANSUL if stainless steel versions are required.

### NOZZLE FLOW AND RANGE

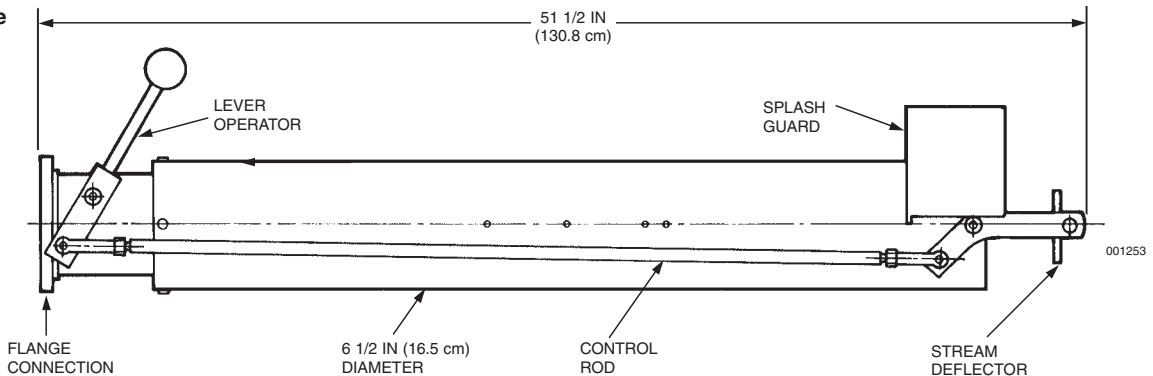
Nozzle Pressure psi (bar)	Flow Rate gpm (Lpm)	Range at 22.5° Elev.		Range at 15° Elev.		Range at 7° Elev.	
		ft (m)	ft (m)	ft (m)	ft (m)		
50 (3.45)	722 (2733)	100 (30)	80 (24)	60 (18)			
100 (6.9)	1053 (3986)	160 (49)	140 (43)	120 (37)			
150 (10.34)	1265 (4789)	200 (61)	180 (55)	160 (49)			

► Note: Above based on orifice sized for 1000 gpm @ 100 psi (3785 Lpm @ 6.1 bar).

AFN-2 Nozzle



AFN-2M Nozzle



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