CO$_2$ BAFFLE AND RADIAL NOZZLES

DESCRIPTION

Baffle Nozzle

The Baffle Nozzle is used for total flooding applications only. The nozzle should be located around the perimeter of the protected space. Each nozzle provides a 180° discharge pattern within the protected space.

The Baffle nozzle is made of brass and is available with orifice codes of (1) through (13.5). Nozzle strainers (P/N C02-1181) are required on any nozzle with an orifice code requirements of 3 or smaller. The baffle nozzle has a 1/2" (15 mm) pipe thread.

Nozzle Strainers do not come with the Baffle Nozzle and must be ordered separately. (Refer to Nozzle Strainer detail).

Radial Nozzle

The Radial Nozzle is used for total flooding applications. The nozzle(s) can be located around the perimeter or in the center of the protected space. The 3 orifice Radial nozzle is designed for a 180° discharge pattern and the 4 orifice Radial nozzle is the 360° discharge pattern nozzle.

The Radial nozzle is made of brass and is available in 1/2", 3/4" and 1" (15, 20 and 25 mm) sizes with orifice codes from 3.5 to 25.

Nozzle Strainers (P/N C02-1181) do not come with the Radial nozzle and must be ordered separately for nozzles with a discharge orifice of 7 or smaller.
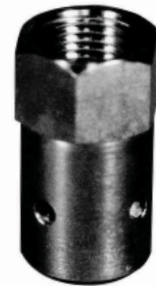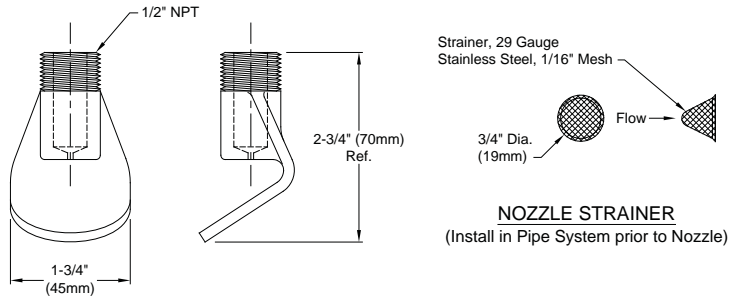
ORDERING INFORMATION

Radial Nozzle			
Fike P/N	Size (in.)	Size (mm)	Configuration
C80-041	1/2	15	360°
C80-042	1/2	15	180°
C80-043	3/4	20	360°
C80-044	3/4	20	180°
C80-045	1	25	360°
C80-046	1	25	180°
Baffle Nozzle			
C80-030	1/2	15	180°
Strainer			
C02-1181	Strainer for Radial and Baffle Nozzle		

APPROVALS

- FM - 0D8A9.AF
- ULC - CEx 1312
- USCG - 162.038/12/0

BAFFLE NOZZLE DETAIL

1/2" NPT

2-3/4" (70mm) Ref.

1-3/4" (45mm)

BAFFLE NOZZLE

Strainer, 29 Gauge Stainless Steel, 1/16" Mesh

3/4" Dia. (19mm)

Flow

NOZZLE STRAINER
(Install in Pipe System prior to Nozzle)

RADIAL NOZZLE WITH STRAINER DETAIL

C

A

B

Strainer, 29 gauge Stainless Steel, 1/16" Mesh
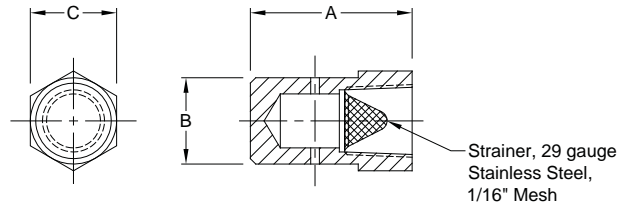
RADIAL NOZZLE
WITH NOZZLE STRAINER

NOZZLE DIMENSIONS

	1/2" NPT	3/4" NPT	1" NPT
Dimension "A"	1 7/8" (48 mm)	2 3/16" (56 mm)	2 1/2" (65 mm)
Dimension "B"	1" (25 mm)	1 1/4" (32 mm)	1 1/2" (38 mm)
Dimension "C"	1" (25 mm)	1 1/4" (32 mm)	1 1/2" (38 mm)