B-1 FOAM-WATER SPRINKLER

UPRIGHT

NDD365

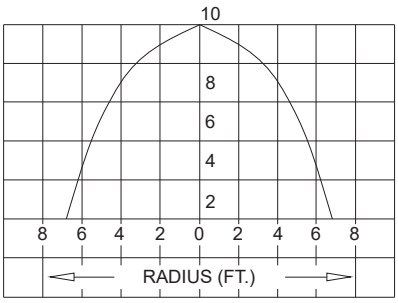
- Aspirated Device
- UL Approved
- Compatible With All Foams
- Marine Compatible Construction

Specifications

Description .....Overhead Foam-Water Sprinkler
Manufacturer .....Gem Sprinkler Co.
Model.....B-1
Type.....Upright
Connection .....1/2" MNPT (13mm)
Orifice Size .....3/8" at Throat (9.5mm)
Design Rate.....30 GPM @ 100 PSI
Operating Range.....30 PSI (2.07 Bar) Min.
100 PSI (6.89 Bar) Max
K Factor 3.0
Length .....5-15/16" (151mm)
Weight .....1 lb. 2 oz. (1/2 kG.)
Finish.....Plain

Material:

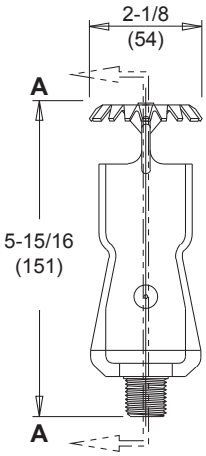
- Body.....Bronze Commercial MIL-H-24146
- Deflector .....Brass

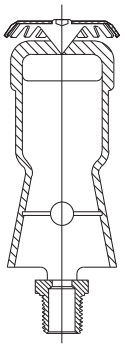


Outline of discharge operating at 30 psi (2.07 Bar).
NOTE: Higher inlet pressure will give slightly wider patterns.

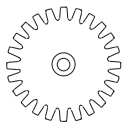
Approvals and Listings

- Underwriters Laboratories
- Note: This device is UL Listed with specific National Foam Concentrates and is compatible with all National Foam Concentrates.





SECTION A-A



B-1 Sprinkler Flows/Pressures Chart

Inlet Pressure PSI (Bars)	Foam Solution GPM (LPM)
100 (6.9)	30.0 (113.6)
95 (6.6)	29.2 (110.7)
90 (6.2)	28.5 (107.7)
85 (5.9)	27.7 (104.7)
80 (5.5)	26.8 (101.6)
75 (5.2)	26.0 (98.3)
70 (4.8)	25.1 (95.0)
65 (4.5)	24.2 (91.6)
60 (4.1)	23.2 (88.0)
55 (3.8)	22.3 (84.2)
50 (3.5)	21.2 (80.3)
45 (3.1)	20.1 (76.2)
40 (2.8)	19.0 (71.8)
35 (2.4)	17.8 (67.2)
30 (2.1)	16.4 (62.2)

ORDERING INFORMATION

1255-2836-2	Model B-1 Foam-Water Sprinkler - Upright

National Foam
350 East Union Street, West Chester, PA 19382, USA
24hr **RED ALERT®** : 610-363-1400 • Fax: 610-524-9073
www.nationalfoam.com

National Foam operates a continuous program of product development. The right is therefore reserved to modify any specification without prior notice and National Foam should be contacted to ensure that the current issues of all technical data sheets are used.
© National Foam