

# HMN-60 & HMN-120 MID EXPANSION VAPOR SUPPRESSION DEVICE

NDD125

- Vapor Suppression Fixed or Handline Compatible
- Medium Expansion Aspirated Nozzle 50:1
- 60 GPM To 120 GPM @ 60 PSI
- Aluminum Construction
- 1 1/2" Female Swivel Inlet



### Description

The HMN-60 and HMN-120 are medium-expansion foam nozzles suitable for use with fixed proportioning systems, or with handline proportioners for portable operation. These nozzles produce a stable, slow-draining foam with an expansion ratio of approximately 50:1, making them appropriate for vapor suppression. They are designed to produce the most effective vapor-suppression foam when used with NF Universal Gold or

Vaporshield foam concentrates.

The HMN series nozzles should be operated at an inlet pressure in the range of 55-65 psi (3.8-4.5 bar). Optimum inlet pressure is 60 psi, at which the design flow rate is achieved.

Both nozzles are equipped with 1 1/2" NST swivel inlet connections. An optional ball shutoff valve is available with the portable HMN series nozzles. Performance characteristics are not affected by the addition of the ball shutoff valve.

### Technical Data

Inlet Connection:.....1 1/2" (38 mm)  
FNH, FNPSH, or FNPT

Rated Capacity:

HMN-60 ..... 60 gpm @ 60 psi  
(227 lpm @ 4.1 bar)

HMN-120: ..... 120 gpm @ 60 psi  
(454 lpm @ 4.1 bar)

Max. Operating Pressure:....65 psi (4.5 bar)

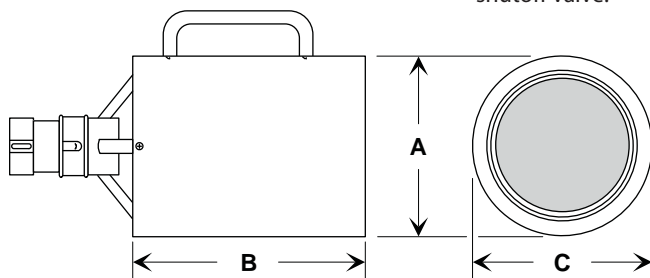
Range:

HMN-60:.....25 ft (8m)

HMN-120:.....40 ft (12m)

Basic Material:..... Aluminum

Basic Finish:.... Blue Polyurethane Enamel



HMN-60 AND HMN-120 NOZZLES - DIMENSIONS

MODEL	A in. (mm)	B in. (mm)	C in. (mm)	WEIGHT in. (mm)
HMN-60	9 5/8 (245)	10 1/4 (260)	7 5/8 (194)	11 (5)
HMN-120	11 3/4 (298)	13 (330)	9 1/2 (241)	13 (5.9)

### ORDERING INFORMATION

Part Number	Description
1251-1910-1	HMN-60, Portable, w/ 1 1/2" FNH SW
1251-1910-2	HMN-60, Portable, w/ 1 1/2" FNPSH SW
1251-1911-1	HMN-120, Portable, w/ 1 1/2" FNH SW
1251-1911-2	HMN-120, Portable, w/ 1 1/2" FNPSH SW
1251-1910-3	HMN-60, Fixed, w/ 1 1/2" FNPT
1251-1911-3	HMN-120, Fixed, w/ 1 1/2" FNPT