

F60P HANDLINE FOAM NOZZLE

NDD110

Approvals: UL, ULC

3% And 6% Versions

- Air Aspirating For Use With All Foam Concentrates
- Lightweight And Portable For Mobility
- Corrosion Resistant Brass And Stainless Steel
- Self-Educting, Requires No Proportioner
- 42 - 73 GPM



Description

The F60P nozzle is an air aspirating handline nozzle designed to maximize mobility and fire fighting capability. The self-educting feature eliminates the need for a separate proportioner, which allows foam operation wherever a water supply is available. The fully aspirating design provides superior performance compared to non-aspirating nozzles by maximizing foam expansion and 25% drainage life.

Features

- Air aspirating for use with all foam concentrates
- Lightweight and portable for mobility
- Corrosion resistant brass and stainless steel
- Operates with fresh or seawater
- Self-educting, requires no proportioner

Applications

The F60P can be used wherever manual application of foam is required; tank farms, process units, chemical plants, loading racks, fixed foam system hydrants, hose reels, etc. The corrosion resistant materials are designed to withstand harsh marine environments for shipboard and offshore fire fighting. The rugged construction and simple, reliable performance make it ideal for Aircraft Rescue and Fire Fighting (ARFF) and municipal fire departments.

The air aspirating design makes the F60P suitable for use with all types of low expansion foam concentrates; protein, fluoroprotein, AFFF, and AR-AFFF.

The F60P can be used with all types of external proportioning equipment including line proportioners (in-line eductors). The compatible in-line eductor is the National Foam HLP-6 series.

Approvals and Listings

- Underwriters Laboratories
- Underwriters Laboratories Canada

Specifications

The nozzle shall be a portable air aspirated design for use with all types of foam concentrates. Materials of construction shall be corrosion resistant brass and stainless steel suitable for marine environments. Rated capacity shall be 60 gpm at 100 psi (227 lpm at 6.9 bar). It shall have the capability to

self-proportion foam concentrate at either 3% or 6%. The foam concentrate pick-up tube shall be at least 70 inches (1778 mm) long, constructed of wire-reinforced polyvinylchloride (PVC) tubing with a stainless steel wand at the end.

Technical Information

Capacity:

| | |
|----------------------|--|
| <u>Minimum</u> | 42 gpm at 50 psi (159 lpm at 3.5 bar) |
| <u>Rated</u> | 60 gpm at 100 psi (227 lpm at 6.9 bar) |
| <u>Maximum</u> | 73 gpm at 150 psi (276 lpm at 10.3 bar) |

Materials of Construction:

| | |
|--------------------|--|
| Nozzle | Brass |
| Pick-up Tube | Wire reinforced PVC w/ stainless steel wand |

Weight:8.5 lb (3.9 kg)

Finish:..... Clear coat

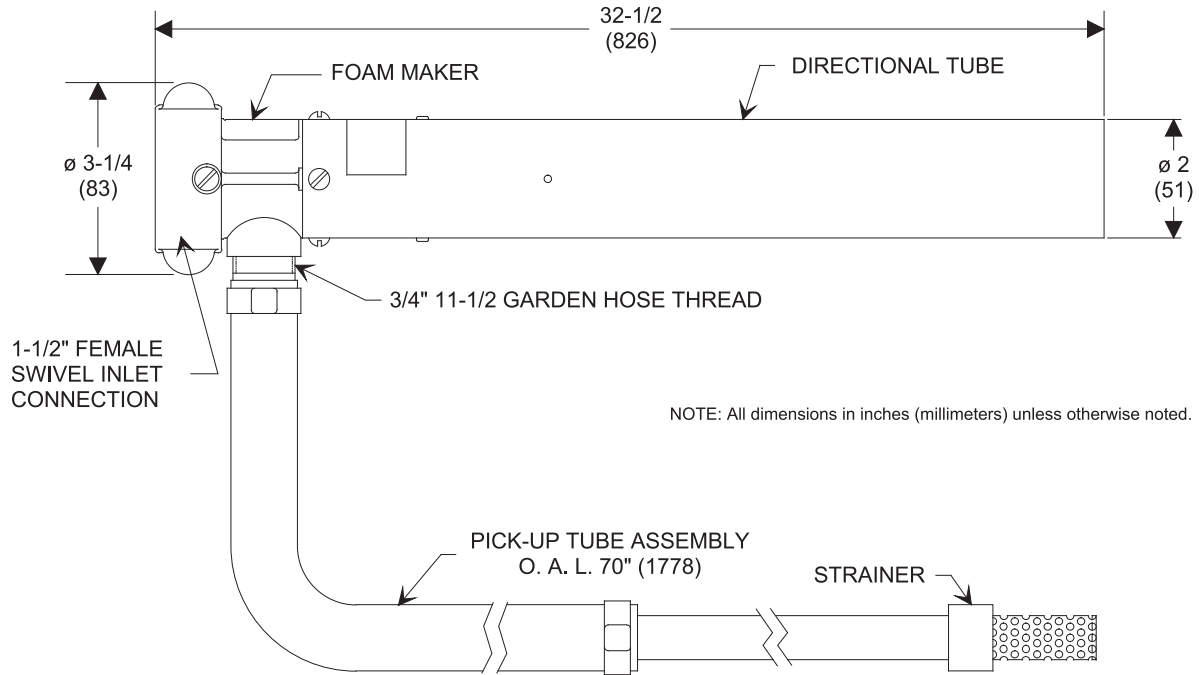
EXTERNAL PROPORTIONER COMPATIBLE EQUIPMENT RECOMMENDATION

| Nozzle | Line Proportioner | Hose Size (In) | Hose Length* (ft) |
|--------|-------------------|----------------|-------------------|
| F60P | HLP-6 | 1-1/2 | 350 |
| F60P | HLP-6 | 1-3/4 | 450 |

* Maximum hose length between line proportioner and nozzle with nozzle elevated no greater than 6 feet above proportioner.

F60P HANDLINE FOAM NOZZLE

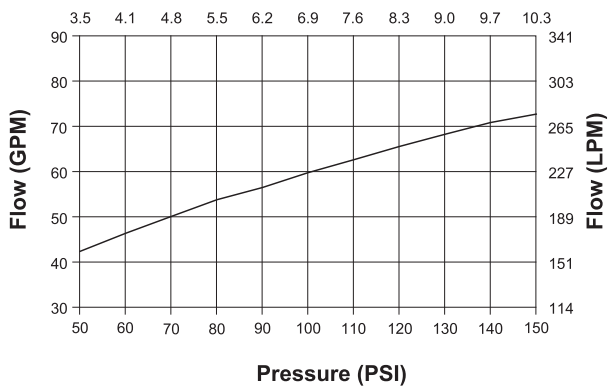
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NOTE: All dimensions in inches (millimeters) unless otherwise noted.

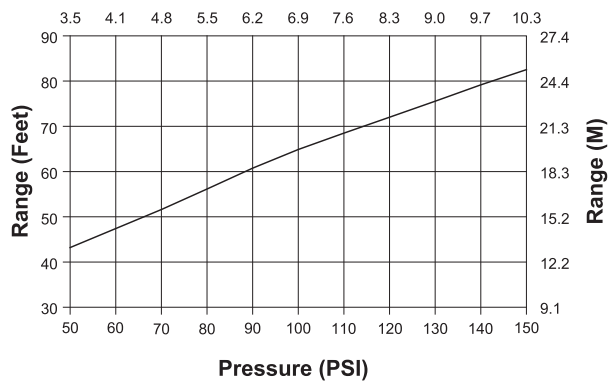
F60P CAPACITY

Pressure (Bars)



F60P RANGE

Pressure (Bars)



ORDERING INFORMATION

| Part Number | Description |
|-------------|-----------------------|
| 1251-0960-3 | F60P 3% - 1-1/2" NH |
| 1251-0960-6 | F60P 6% - 1-1/2" NH |
| 1251-0961-3 | F60P 3% - 1-1/2" NPSH |
| 1251-0961-6 | F60P 6% - 1-1/2" NPSH |