

## GENERAL

The LIFECO branded portable spray hose nozzle is fabricated and tested in accordance with UL 401 Portable Spray Hose Nozzles for Fire-Protection Service, the nozzle is intended for use with fire hose mounted on standpipe systems.

Model "LF-SHN40" is trade size 1-1/2 inch and "LF-SHN65" is 2-1/2 inch, rated for use at a maximum inlet pressure of 200 psi, the basic spray type nozzle with a rotational type control, the nozzle is an adjustable type having a water spray discharge ranging from a wide cone shaped pattern through straight stream to shut-off, the nozzle are made of the brass material conforming to ASTM B16, alloy C36000 and utilize NBR O-ring, the nozzle are intended for use on class A and B fires only, and the discharge rate at 100 psi flowing inlet pressure in full spray pattern 1-1/2" nozzle is  $130 \pm 5$  gpm; 2-1/2" nozzle is  $280 \pm 5$  gpm.

## INSTALLATION

Requirements for the installation and use of hose nozzles are included in the Standard for Standpipe, private Hydrant, and Hose Systems NFPA 14, and in the Standard for the Care, Use and Service Testing of Fire Hose, including Connections and Nozzles, NFPA 1962.

The model LF-SHN40 and LF-SHN65 nozzles with NST (NH) female inlet threads in accordance with ANSI B2.4, having provided with a resilient gasket fitted in the recess in nozzle inlet, are designed for use with rubber-lined fire hose.

## OPERATION

Prior to operation, make sure the resilient gasket is fitted in the thread recess in nozzle inlet. While the nozzle is connected with fire hose, the threaded spindle and fire hose are in steady of not rotational, spin the barrel to open, to start the water spray discharge ranging from a wide cone shaped pattern, vent of air to prevent hose from burst and recoil force, through straight stream to shut-off. Then adjust your spray pattern between wide fog-narrow fog-straight stream- to shut off.

The service pressure rated within 0 to 100 psi, control the water pressure not great than 100 psi. Care must be taken to prevent your fingers be bitten between the barrel and spindle during spinning.

## CARE & MAINTENANCE

Take care that always keep the nozzle threads from impact, in case the threads suffered impact by rigid metal, using a file to smooth them.

Keep the gasket cleaned to assure no leakage while service, in case the gasket deterioration or aged, please change a new one.

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