



INSTRUCTIONS FOR J & JN

MYSTERY MASTER STREAM NOZZLES

CAUTION:

Before installing and operating this equipment, read & study this manual thoroughly. Proper installation is essential to safe operation. In addition, the following points should be adhered to in order to ensure the safety of equipment and personnel:

- All personnel who may be expected to use this equipment must be thoroughly trained in its safe and proper use.
- The inlet connection of the nozzle must be securely tightened. Failure to do so may result in serious injury or death.
- Before flowing water from this device, check that all personnel (fire service and civilian) are out of the stream path. Also, check to make sure stream direction will not cause avoidable property damage.
- Become thoroughly familiar with the hydraulic characteristics of this equipment, and the pumping system used to supply it. To produce effective fire streams operating personnel must be properly trained.
- Open water valve supplying this equipment slowly, so that piping and hose lines fill slowly, thus preventing possible water hammer occurrence.
- After each use, and on a scheduled basis, inspect equipment per instructions on page 2.

INSTALLATION:

Thread the inlet swivel onto the 2.5" NHT male discharge outlet of an Elkhart Brass monitor and tighten with a spanner wrench. Place the nozzle in the shut off position exposing the stream pattern markings (see OPERATING section below). If needed loosen the swivel and re-position the nozzle so the stream pattern markings are clearly visible to the operator and re-tighten the swivel with a spanner wrench.

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OPERATING:

Stand behind the nozzle and use the handles on either side of the nozzle tip to change the stream pattern by rotating the tip. Place the nozzle in the Shut-off position by rotating the nozzle tip clockwise (when viewed from behind the nozzle) until it has contacted the stem or baffle. (The shut-off position is not a positive seal it is achieved by metal to metal contact. Some leakage is to be expected.) Turning the tip counter-clockwise will open the nozzle and allow the flow to increase as the nozzle tip moves further from the shut-off position. The first position reached is Straight Stream. This position is marked with a line on the nozzle body with the letters SS stamped to indicate Straight Stream. Aligning the back edge of the nozzle tip with this line places the nozzle in the Straight Stream position. Aligning the back edge of the nozzle tip with the line marked 30 places the nozzle in the Narrow Fog position. Aligning the back edge of the nozzle tip with the line marked 90 places the nozzle in the Wide Fog position. Turning the nozzle tip clockwise reverses the transition moving the nozzle tip from fog to straight stream and on to the shut-off position. Marking and arrows on either side of the nozzle tip indicate the direction the tip needs to be rotated for the desired stream pattern or nozzle position. The nozzle may be operated in any position from Straight Stream to Wide Fog. The stream position will affect the flow rate of the nozzle (see NOZZLE FLOW DATA section below).

NOZZLE FLOW DATA

Find the nozzle flow data for your nozzle on our website at;

<http://www.elkhartbrass.com/files/aa/downloads/catalog/catalog-f5-T-02.pdf>

INSPECTION:

Inspect the nozzle after each use and at least monthly when not in use. Check the nozzle for any signs of damage or contamination from bird or insect nests when not used for long periods of time. Check the nozzle operation by turning the nozzle tip through its entire range of motion several times. Grease if required (see Maintenance).

MAINTENANCE:

AS REQUIRED; turn the nozzle tip counter-clockwise until the nozzle is in the WIDE FOG position and lubricate the threads through the grease fitting on the nozzle tip. We recommend "Mobilux EP 2". The nozzle does not require much grease, one quick shot should be sufficient. Be careful to avoid over greasing the nozzle through the grease fitting. Move the nozzle tip through its entire range of motion several times to distribute the grease. Repeat if needed. Wipe off any excess grease and place the nozzle back in the desired position.