

**SELECT-O-MATIC® MANUAL  
MASTER STREAM NOZZLE  
SM-1000, SM-1250,  
SM-1250B, SM-2000, SM-2000B**

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Installation, Operating, & Maintenance Instructions



# Installation

## PRODUCT SAFETY INFORMATION

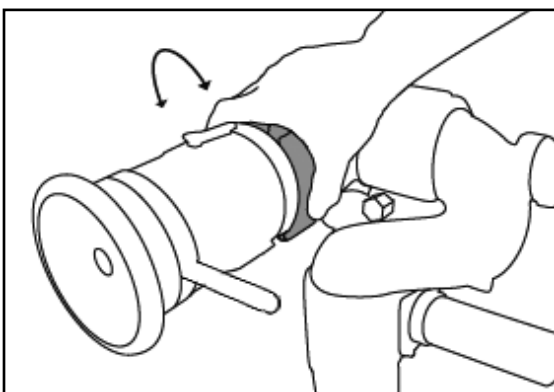


**CAUTION:** Before installing and operating this equipment, read and study this manual thoroughly. Proper installation is essential to safe operation. In addition, the following points should be adhered to in order to ensure the safety of equipment and personnel:

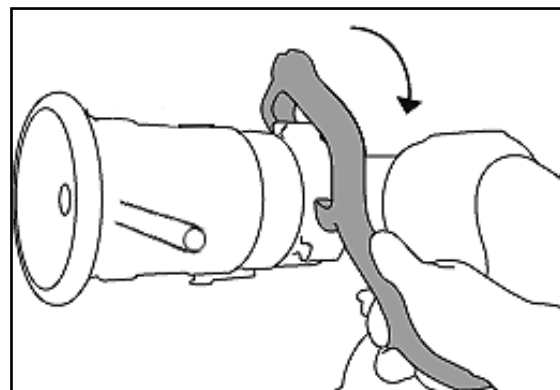
- All personnel who may be expected to use this equipment must be thoroughly trained in its safe and proper use.
- The inlet connection of the nozzle must be securely tightened. Failure to do so may result in severe injury or death.
- Appropriate personal protective equipment, including eye protection, should be used while working with this equipment.
- 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 valves supplying this equipment slowly so that piping & hoses fill slowly, thus preventing possible water hammer occurrence.
- After each use, and on a scheduled basis, inspect equipment per instructions in the Inspection section.

## INSTALLATION INSTRUCTIONS

1. Prior to attaching the nozzle, ensure that there is a gasket behind the inlet threads. This will assure that the nozzle or tip will not leak at the connection.



2. Thread the inlet swivel onto the male discharge outlet of an Elkhart Brass monitor or stream shaper.



3. Position the nozzle so the handles are in the desired position and screw the swivel down and tighten it securely with a spanner wrench.

## **OPERATING:**

1. Stand behind the nozzle and use the handles on either side of the nozzle tip to change the stream pattern by rotating the tip.
2. Place the nozzle in the Straight Stream position by rotating the nozzle tip clockwise (when viewed from behind the nozzle) until it has moved as far forward as possible. Turning the tip counter-clockwise will transition the nozzle stream from a straight pattern at the furthest forward position through an ever-widening fog pattern to a wide fog pattern when the nozzle tip is at the furthest back position. Arrows with lettering (SS for Straight Stream and FOG for the Fog pattern) on either side of the nozzle tip indicate the direction the tip needs to be rotated for the desired stream pattern. The nozzle may be operated in any position from Straight Stream to Wide Fog.

## **NOZZLE FLOW DATA AND PARTS DRAWINGS**

Find the nozzle flow data and parts drawing for your nozzle on our website at [www.elkhartbrass.com](http://www.elkhartbrass.com)

## **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 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.

## **MAINTENANCE:**

**AFTER EACH USE;** With the nozzle in the Straight Stream position, wipe clean the inside of the nozzle tip at the discharge end and apply a thin coating of grease to the cleaned surface. We recommend "Dow Corning #7 Lubricant/Sealant". Move the nozzle tip through its entire range of motion several times to distribute the grease. Storing the nozzle in the Wide Fog position will help protect the o-ring surfaces from exposure to the elements and contaminants that may be attracted by the grease



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