



INSTRUCTIONS FOR CSW, CSW-L, & CSW-LB

SELECT-O-FLOW 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. Position the nozzle so the flow setting controls and stream pattern adjusting handles are in the desired position and screw the swivel down and tighten it securely with a spanner wrench.

98465050 Rev-REL

OPERATION:

STREAM PATTERN

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 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.

GALLONAGE

Stand behind the nozzle and press down on the locking lever pad to lift the lever arm out of the current gallonage notch. Use the tabs on either side of the locking lever ring to rotate the nozzle until the locking lever arm can engage in one of the other gallonage notches. Always make sure the locking lever arm is engaged in one of the gallonage notches when operating the nozzle.

SHUT OFF

Stand behind the nozzle and press down on the locking lever pad to lift the lever arm out of the current gallonage notch. Use the tabs on either side of the locking lever ring to rotate the nozzle clockwise until the locking lever passes the lowest gallonage notch, continue turning clockwise slowly until flow is stopped. This position is not a positive shut off and some leakage is to be expected in this position. There is no notch for the OFF position. To OPEN turn the locking lever ring back slowly in the opposite direction until the locking lever arm can be engaged in one of the gallonage notches. Always make sure the locking lever arm is engaged in one of the gallonage notches when operating the nozzle.

NOTE: The CSW-LB has a non-shut off version nozzle with a pin installed next to the lowest gallonage notch so the locking lever arm cannot pass and allow the nozzle to shut off.

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:

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.