The following is intended to provide the basic information for installation, operating and maintenance of the Stream Master.

PRODUCT WARNINGS:

Maximum Flow: 2000 GPM
Maximum Pressure: 200 PSI

- The maximum flow of the Stream Master is 2000 GPM. The center of the waterway outlet is 12.75 inches from the bottom of the inlet flange. Ensure these values and an appropriate safety factor are used to determine a proper support structure.
- Charge Stream Master slowly. Rapid charging may cause water hammer.
- Aim Stream Master in a safe direction before pumping water through it.
- If any tags or bands are worn or damaged and cannot be easily read, they should be replaced.
- Exceeding the maximum pressure and flow of the monitor or nozzle may result in damage.
The angles for the rotational stops are with respect to the reference direction and orientation illustration.

*These are the factory set stop locations when unit is shipped. All other positions are achieved by exchanging the factory set stop with the plug in the desired stop location.
GENERAL INSTRUCTIONS:

• For fire fighting by trained firefighters only.
• For use with water or standard fire fighting foams only. After use with foam, flush with fresh water.
• Do not use the Stream Master as a forcible entry tool.
• Do not install shutoffs on the outlet of the Stream Master.
• Do not install other devices to actuate Stream Master.
• Do not add any type of air aspirated foam tube without consulting Akron Brass Customer Service.
• Drain the Stream Master monitor and nozzle after use to prevent “freeze damage.”
• Ensure that the thread in the nozzle swivel matches the thread on the Stream Master outlet. Do not over tighten the nozzle onto the Stream Master.
• Beware of pinch points.
• Ensure horizontal stops are set properly prior to operating.

MONITOR ATTACHMENT

The Monitor is to be mounted on the waterway with eight 5/8 inch bolts and nuts of grade 5 minimum and suitable washers. The front of the monitor in Figure 2 is considered to be point 2 and is above the identification tag.

THE ROTATIONAL STOPS SET THE BOUNDARIES FOR THE AREA IN WHICH THE MONITOR IS ALLOWED TO TRAVEL AND MEET THE REQUIREMENTS OF THE NFPA. The upper row controls the right travel, and the lower row controls the left travel. The angles for the rotational stops are with respect to the “reference direction” illustrated in Figure 2. The monitor is shipped with the upper row stop at point 3 which stops the monitor at 90 degree right, clockwise and the lower row stop at point 5 which stops the monitor at 90 degree left, counterclockwise. All other positions are achieved by switching the factory set stop and the plug in the desired stop location. Both the stops and the plugs have a 1/2 inch hex head. Refer to Figure 2 to determine which stop location is needed for the desired right, clockwise or left, counterclockwise rotation. The elevation stop is set at 45˚ above horizontal to meet NFPA. 90˚ above horizontal can be achieved by switching the stop and the plug.

OPERATING INSTRUCTIONS

The upper and lower handwheels are used to control the monitor. To change the horizontal monitor position toward the “RIGHT” or “LEFT” turn the lower handwheel clockwise or counterclockwise until it is aimed in the desired direction. To change the vertical monitor position upward or downward, turn the upper handwheel clockwise or counterclockwise until it is aimed in the desired direction.

CAUTIONS

Your brass Stream Master Monitor and nozzle should be inspected prior to and after each use, to ensure it is in good operating condition. Periodically, an unanticipated incident occurs where the Stream Master is misused in a manner that is inconsistent with standard operating practices and those listed in IFSTA. A partial list of potential misuses includes:

• Operating above maximum rated pressure and flow.
• Not draining, and allowing water to freeze inside.
• Prolonged exposure to temperatures above 130 °F, or below -25 °F.
• Having the Stream Master nozzle hit a fixed object during operation or transportation.
• Other misuse that might be unique to your specific environment.

Also, there are many “tell tale” signs that indicate repair is in order, such as:
• Handwheels that are either inoperable or difficult to operate.
• Excessive wear.
• Poor discharge performance.
• Water leaks.
• Bent handwheel shafts.

If any of the above situations are encountered, the Stream Master should be taken out of service, repaired, and tested by a qualified technician before placing it back in service.

MAINTENANCE INSTRUCTIONS

NOTE: There are no grease fittings as all joints are lubricated at assembly and sealed by O-Rings.
• Periodically clean grit and dirt from around exterior moving parts.
• Periodically operate all the functions of the monitor through its full travel.