AKRON BRASS COMPANY

OZZIE™ PORTABLE OSCILLATING MONITOR - STYLE 911

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INSTALLATION, OPERATING, AND MAINTENANCE INSTRUCTIONS

INTENDED USE:

The Ozzie monitor is designed to operate as a portable oscillating water monitor intended to provide efficient trouble-free operation for fire fighting applications. The Ozzie monitor is intended to be deployed for unmanned operation. The following instructions are provided to assist in obtaining the best possible performance from this unit. Read and understand these operating instructions before use.

PRODUCT RATINGS:

Mass:	29.5 lb. (13.4 Kg)
Maximum Flow:	375 gpm (1420 lpm)
Maximum Pressure:	150 psi (1020 Kpa, 10.2 bar)
Minimum Pressure:	70 psi (483 Kpa, 4.8 bar)
Maximum Hose Diameter:	3 inch (76 mm)
Noise Emission:	82 Db at 1m

PRODUCT WARNING:

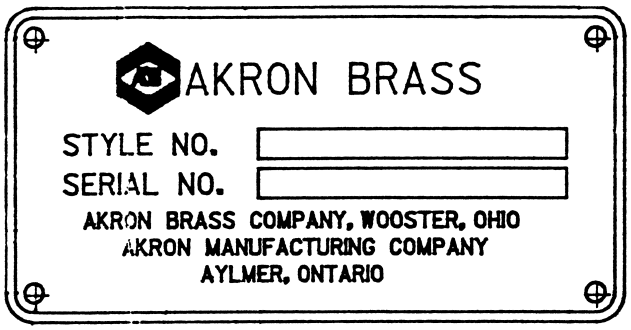
⚠ WARNING: For firefighting use only by trained firefighters.

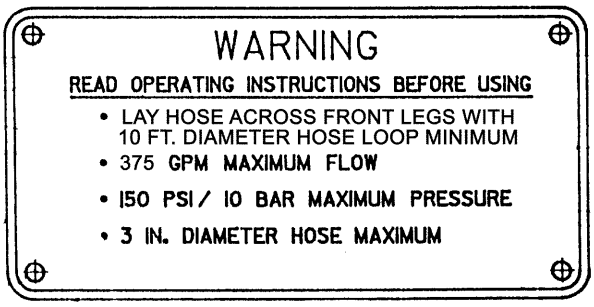
⚠ WARNING: Charge the unit slowly. Rapid charging many cause a pressure surge with the potential to cause an injury or damage the unit.

⚠ WARNING: Aim the unit in a safe direction before pumping water through it.

⚠ WARNING: Replace the identification tag and warning tag if they should become worn or damaged.

⚠ WARNING: Do not exceed the maximum pressure or flow ratings of the monitor. Exceeding these ratings may lead to an injury or may cause damage to the monitor.





⚠ WARNING: Do not install shut-offs on the outlet of the Ozzie monitor. Shut-offs may cause pressure surges with the potential to cause an injury or damage the product.

⚠ WARNING: Drain the unit after use to prevent freeze damage.

⚠ WARNING: Ensure the thread on the nozzle matches the Ozzie monitor outlet threads. Do not over tighten.

⚠ WARNING: Keep all personnel out of the danger zone (Figure 1), in front of the outlet of the monitor when the water source is attached. Dangerous flow velocities can cause serious injury.

⚠ WARNING: Ground spikes are sharp and pose a potential drop hazard. Use proper carrying techniques to avoid dropping the unit on the operators foot or leg.

⚠ WARNING: The Ozzie ground monitor contains moving parts. Keep hand , finger, and objects away from moving parts and never operate without guards.

⚠ WARNING: The flow of water is not controlled at the monitor. Sudden flow can occur from a remote pumper location. Stay away from DANGER ZONE as shown in (Figure 1).

⚠ WARNING: If flow is interrupted and then reestablished oscillation will remain engaged.

⚠ WARNING: The 2 1/2" inlet on the Ozzie is not to be connected directly to a hydrant outlet.

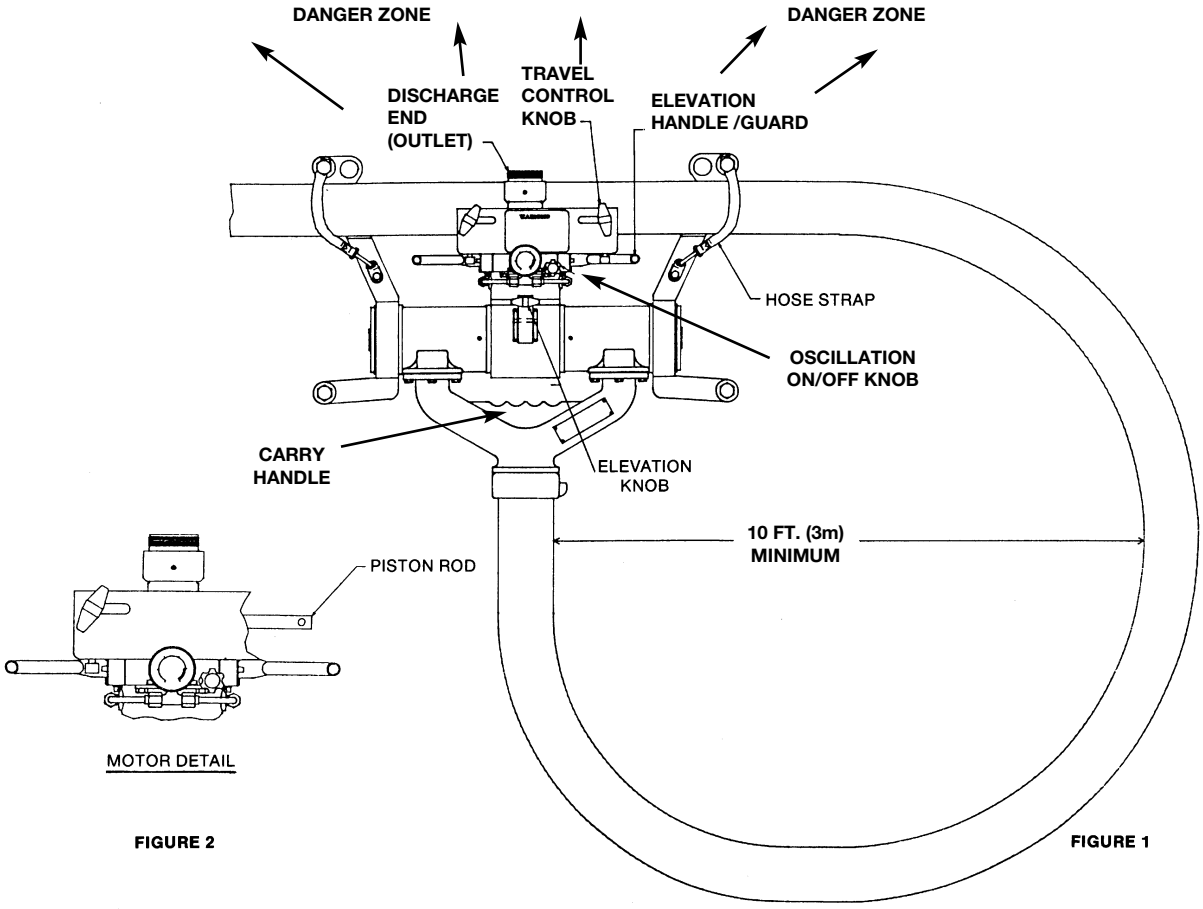


FIGURE 2

FIGURE 1

SET UP (INSTALLATION)

1. Place the unit on the ground with the outlet pointed in the desired direction. Make sure all four ground spikes are in contact with the ground.

⚠ WARNING: DO NOT operate on metal, marble, or other hard, smooth surfaces, and make sure no obstructions are under the unit.

2. Disconnect the hose tie down straps and loop the hose across the legs in front of the monitor as shown in (Figure 1).
3. Reattach the hose tie down straps as shown in (Figure 1).
4. Make sure a 10 ft. (3m), loop is maintained and connect the hose to the inlet swivel on the monitor as shown in (Figure 1).
5. With the fog tip pointed straight ahead, adjust the right and left travel with the travel control knobs. NOTE: The left knob adjusts the right travel and the right knob adjusts the left travel.
6. The oscillation ON/OFF knob must be pulled out for oscillation to be on.
7. Position the fog tip against the right or left stop, and set the fog tip desired flow and pattern.
8. Unlock the elevation knob and position the outlet to the desired elevation. Lock the elevation position by twisting the elevation knob.

OPERATION

A. FLOWING WATER

Slowly charge the hose line with water. Build pressure until the gauge reads the rated tip pressure. A minimum operating pressure of 70 psi is required. NOTE: The unit will discharge some water from the oscillation mechanism during use.

B. CHANGING SWEEP RANGE

1. Before adjusting the sweep range, stop the oscillation by depressing the oscillation ON/OFF knob.
2. Move the travel control knobs to desired position. The left knob controls the right travel and the right knob controls the left travel.
3. Restart oscillation by gently pulling oscillation ON/OFF knob out.

C. TO STOP UNIT IN PLACE AND USE AS A NON-OSCILLATING MONITOR

1. Depress the oscillation ON/OFF knob when the nozzle reaches desired position.
2. If placing the unit in the vertical position, STOP the oscillating motion by pushing in on the oscillation ON/OFF knob and adjusting the elevation.

D. TO OSCILLATE UP AND DOWN

1. Make sure no water is flowing to the unit.
2. Depress the oscillation ON/OFF knob.
3. Loosen the elevation knob.
4. Point the outlet straight up.
5. Rotate the outlet 90˚.
6. Lock the elevation knob.
7. Push the nozzle to either end of travel.
8. Pull the oscillation ON/OFF knob.
9. Get all personnel away from unit.
10. Slowly charge the unit until the pressure matches the nozzle rating.

E. AFTER SHUTDOWN

1. Remove hose.
2. Tilt the unit and drain as much water as possible from the body of the unit.

3. Move the discharge outlet back and forth by hand to drain as much additional water as possible from the unit. This minimizes the possibility of corrosion and freezing.
4. If the unit was used for foam application, with salt water or with brackish or dirty water, be sure to operate with clean water for at least 5 minutes after shut down.
5. A carry handle is provided for manual transport of the monitor.

F. ROUTINE MAINTENANCE PROCEDURES

3 Month Intervals

1. Piston Rod Lubrication - (see figure 2) Lightly grease each end of the piston rod with Parker-O-Lube or equivalent barium grease if it becomes dry or every three (3) months. When greased properly, the rod will have an evenly dispersed layer of grease covering the exposed portion of the rod. Distribute grease evenly by pushing outlet back and forth.
2. Ground Spike Inspection - If the flat on the pointed end of any spike exceeds 1/16" (0.016mm) diameter, the spike must be sharpened or replaced. The spike is the sharp end of the ground caulk which comes in contact with the ground. To order replacement spikes, contact your local Akron Brass Distributor.
3. Safety Straps - Examine strap for wear and make sure both hooks easily snap into the front leg clips. If straps need replacement, contact your local Akron Brass Distributor.

6 Month Intervals

4. Every six months, grease the threaded portion of the elevation brake knob with Parker-O-Lube or equivalent barium grease.

A Field Service Repair kit is available. Contact you local Akron Distributor and ask for Field Service kit Style 9191.

⚠ WARNING: Maintenance should not be performed while flowing water. Disconnect from water supply prior to maintenance.

G. TROUBLE-SHOOTING

If the unit fails to operate properly or stops:

1. Check oscillation ON/OFF knob. Make sure knob is pulled out.
2. Check operating pressure. Make certain an operating pressure of at least 70 PSI (438 kpa, 4.83 bar) is maintained.
3. Check travel control knobs. Do not place both travel control knobs on the center position at the same time. If you want to stop the oscillation, depress the oscillation ON/OFF knob as previously described in Section B.
4. If the unit does stop during operation, lower the line pressure to zero, push the discharge against the left stop and repressurize.

AKRON BRASS COMPANY
ISO 9001 REGISTERED COMPANY

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