OPERATING INSTRUCTIONS

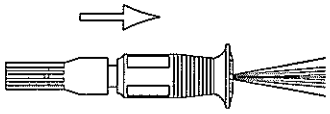
CLEANING WITH DETERGENTS:

1. Refer to "Detergent Cleaning Precautions" pg. 6 before working with detergents. Be certain to wear protective safety attire as stated on pg. 10.
2. Prepare detergent solution according to label directions. Never pump acids, alkaline, abrasive fluids or solvents through the unit.
3. Connect the detergent hose to the unit as shown on page 8. The detergent ratio is preset and cannot be adjusted.
4. Immerse the strainer into the detergent solution to allow detergent to siphon.
5. With the trigger gun locked in the "OFF" position, push the nozzle cover at the end of the wand away from the trigger gun.

NOTE: *This injection system is designed to apply detergents under low pressure only. It will not allow detergent solutions to be introduced into the system unless the nozzle cover at the end of the wand is moved away from the trigger gun in the low pressure detergent mode.*

6. To apply solution, unlock the trigger gun and squeeze the trigger. In a few moments a detergent/water mixture will exit the low pressure nozzle. Start spraying the lower portion of the surface being cleaned and move up, using long overlapping strokes. Applying from the bottom up helps avoid streaking. Allow to soak briefly. (Avoid working on hot surfaces or in direct sunlight to minimize the chances of the detergent drying, which may result in damaging surfaces.) Be certain to rinse a small section at a time.
7. To rinse; lock the trigger gun in the "OFF" position, pull the nozzle cover at the end of the wand toward the gun. Unlock the trigger gun and spray. It will take about 30 seconds to purge all detergent from the line. For best rinsing results, start at the top and work down.
8. Siphon a gallon of water through the low pressure detergent injection system after each use. This prevents the possibility of corrosion or detergent residue causing mechanical problems during the next use.

ADJUSTABLE NOZZLE DETERGENT
LOW PRESSURE DETERGENT



SHUT-DOWN:

1. Move the On/Off switch to the "OFF" position to turn unit off.
2. Turn the water supply "OFF".
3. Pointing the gun in a safe direction, trigger gun momentarily to relieve any trapped pressure.
4. Once pressure is relieved, disconnect the nozzle assembly.
5. Disconnect the unit from the power source.
6. Disconnect and drain gun, wand and hoses.
7. Wipe unit clean and store with gun, wand and hoses in a safe area.

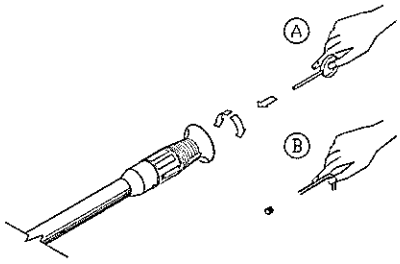
SPECIFIC MAINTENANCE:

PUMP: The pump oil must be changed after the first 25 hours of operation. Once the initial oil change has been completed, it is recommended the oil be changed every 3 months or 250 hour intervals. If oil appears dirty or milky, changes may be required at a greater frequency. Use Mi-T-M pump oil #AW-4085-0016 and fill only to the center of the oil sight glass. DO NOT OVERFILL!

WARNING

RISK OF SEVERE INJURY!

TO PREVENT ACCIDENTAL DISCHARGE, THE ADJUSTABLE NOZZLE/WAND ASSEMBLY MUST BE DISCONNECTED FROM THE GUN ASSEMBLY WHEN USING THE NOZZLE CLEANER.



NOZZLES: Nozzle orifices should be kept clean and free from obstructions. To clean nozzle orifice:

1. Disconnect the wand from the gun.
2. Insert the nozzle cleaner into the nozzle and rotate. (See drawing, left.)
3. Flush the nozzle with water.
4. Reconnect the wand to the gun assembly.
5. Turn the unit "ON". Point the gun in a safe direction and trigger the gun to begin spraying. Adjust spray pattern to 0°. If spray pattern is still distorted, repeat steps 1-4. If you are unable to thoroughly clean the nozzle using this procedure, then the nozzle must be replaced. Water flow through the spray nozzle will erode the orifice, making it larger, resulting in a pressure loss. Nozzles should be replaced whenever pressure is less than 85% of the maximum. The frequency of replacement will depend upon such variables as mineral content in the water and number of hours the nozzle is used.

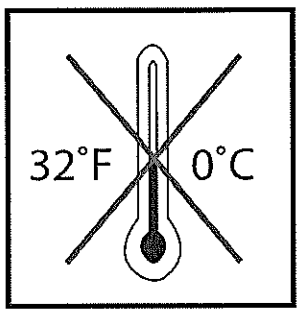
To remove or replace adjustable nozzle:

1. Insert a 2.0 mm allen wrench into the nozzle.
2. Rotate the wrench counterclockwise to remove the nozzle.
3. Inspect the nozzle and clean or replace before reinserting.

WARNING

RISK OF UNIT BURSTING!

DO NOT STORE OR OPERATE UNIT IN A FREEZING ENVIRONMENT!



WINTERIZING:

For storage and transportation purposes in subfreezing ambient temperatures, it will be necessary to winterize this unit. This unit must be protected to the lowest incurred temperature for the following reasons:

1. If any part of the pumping system becomes frozen; excessive pressure may build up in the unit which could cause the unit to burst resulting in possible serious injury to the operator or bystanders.
2. The pumping system in this unit may be permanently damaged if frozen. FREEZE DAMAGE IS NOT COVERED BY WARRANTY.

If you must store your unit in an area where the temperature may fall below 32°F, you can protect your unit by following the procedure outlined below.

1. Gather the following items:
   a. Two 5 gallon containers.
   b. One gallon of antifreeze. (Mi-T-M recommends an environmentally safe antifreeze.)
   c. Water supply.
   d. Three foot hose, 1/2-3/4 I.D. with a 3/4 inch male garden hose fitting.

CONTINUED