OPERATING THE MACHINE

PRE-OPERATING INSTRUCTIONS

1. Connect the swivel end of the discharge hose to the cleaning gun.
2. Attach the hose to the machine outlet.
3. Check the fuel level in the fuel tank. Add fuel if required. It is best to keep fuel tank full during nonworking conditions.
4. Attach an ordinary garden hose to the float tank inlet. Turn on the water supply and let the float tank fill.
5. Place the end of the soap line into your soap solution container.

OPERATING INSTRUCTIONS

NOTE: On initial start up, or if machine has not been operated for several days, it is advisable to remove the nozzle from the cleaning gun and flush out any foreign material. Open the water supply. Turn on the engine and let the unit run until clear water flows through the cleaning gun.

1. Turn on the water supply.
2. Add fuel if required. Check oil levels in pump and engine before starting.
3. Install the nozzle tip into the cleaning gun.
4. Close the soap valve. (turn fully clockwise)
5. Securely hold the cleaning gun and turn the switch to position 1 (pump).
6. The recommended method of cleaning is:

   A. Wet entire surface and remove the loose dirt with water only,

   B. Turn on the soap by opening the soap valve (turn the handle counterclockwise). NOTE: The operating pressure of the machine will drop to nearly zero until the soap line is primed.

   C. Cover the entire surface to be cleaned with soap/water solution by applying from the bottom up. Allow the soap to stay on surface four to five minutes.

   D. Close the soap valve and wash at high pressure with water only from the top down.

NOTE: Soap will flush from the coil and discharge hose within a minute or two of operation.

   E. For hot water washing, turn the switch to position 2 (burner). **CAUTION:** If there is a sudden loss of pressure while washing with hot water, turn the burner off immediately and attempt to locate the problem while running cold water only. Failure to turn the burner off could cause excessive temperature and pressure build-up in the heating coil.
**SHUT DOWN INSTRUCTIONS**

1. If the burner is on turn control switch to position 1(pump).
2. Run water through the pump until cool water flows from the cleaning gun. Failure to do this could result in increased coil scaling.
3. Turn the control switch to off.
4. Turn off the water supply.
5. If the machine will be exposed to freezing temperatures, see winterizing procedure.

**THINGS TO CHECK DAILY**

1. Check oil level in pump.
2. Fill fuel tank at the end of each day’s use to prevent condensation build-up in fuel system.
3. Fill soap container.
4. Check oil level in engine.

**THINGS TO CHECK WEEKLY**

1. Check and clean water float tank and pump inlet screen.
2. Check all hoses for leaks and damage. Repair or replace as needed.
3. Check pressure nozzle for wear. Replace if needed.
4. Check all nuts and bolts. Tighten as needed (DO NOT OVER TIGHTEN.)
5. Check all water connections for leaks. Tighten if loose.
6. Check belts and pulleys for wear and tightness. (DO NOT CHECK WHILE MACHINE IS RUNNING.)