



Skokie 847-677-2010

Glenview 847-657-9020

Wheeling 847-537-2255

## Electric Pressure Washer

### Operating Instructions

#### **Priming the pump:**

1. It is essential to prime the pump on initial start-up and each time the water supply is disconnected from the unit after initial use.
2. Lay the high pressure hose out to remove any loops. Water flow will constrict the hose, creating tight loops if the hose is not straight.
3. Securely connect the gun assembly to the high pressure hose. **NOTE:** The nozzle assembly should NOT be connected to the gun assembly at this time.
4. With the trigger gun locked in the "OFF" position, turn the water supply completely on. Pointing the gun in a safe direction, unlock the trigger gun and squeeze the trigger.
5. Low pressure water will begin flowing from the hose/gun assembly. This allows the unit to prime and purge any air from the system. The unit is primed when water flow is uninterrupted by air.
6. Once the unit is primed, release the trigger and lock the gun in the "OFF" position. Securely connect the nozzle assy.

#### **Start-up:**

1. Locate the Safety Decals on your unit and heed their warnings.
2. With the gun locked in the "OFF" position, point the trigger gun away from yourself or anyone else. Ensure water supply is turned completely on.
3. Disengage the safety lock-off on the gun and squeeze the trigger. Low pressure water will begin flowing from the nozzle.
5. Before starting the unit, brace yourself as the gun will kick-back from the high pressure created by the pump once the unit has started.
6. Move the On/Off Switch to the "ON" position. This switch includes a circuit breaker for protection of the motor. In case of excess load, the circuit breaker will automatically move the switch to the "OFF" position. To restart, move the On/Off Switch to the "ON" position again.
7. Once the unit is turned on, perform the following procedures with the gun open:
  - A. Inspect for system water leaks and oil leaks. If an oil leak is found, **TURN UNIT OFF IMMEDIATELY!** Be sure that all damaged parts are replaced and that the mechanical problems are corrected prior to operation of the unit. If you require service, contact Mi-T-M Customer Service.
  - B. Inspect high pressure hose for kinking cuts and leaks. If a cut or leak is found, **DO NOT TOUCH HOSE AT CUT OR LEAK!!! TURN UNIT OFF IMMEDIATELY!** Replace hose before re-starting the unit. Be sure that all damaged parts are replaced and that the mechanical problems are corrected prior to operation of the unit. If you require service, contact Mi-T-M Service.
  - C. Inspect electrical cord for cuts. If a cut is found, **DO NOT TOUCH OR USE ELECTRICAL CORD!** Replace cord before starting the unit.
8. Trigger the gun several times and try adjusting the spray pattern. **be certain** to LOCK the trigger gun in the "OFF" position whenever moving the adjustable nozzle. NEVER look directly into the nozzle! High pressure water creates a risk of severe injury!
9. Do not allow unit to operate in bypass mode (with trigger closed) for more than three minutes without triggering the gun. Failure to follow this simple rule can cause premature failure of pump packing seals, resulting in costly pump repair.

10. Because your pressure washer delivers a high pressure spray and a variety of spray patterns, there are many cleaning jobs that can be done without the use of detergents. If a cleaning agent is required, see "Cleaning With Detergents".

**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.

**TROUBLESHOOTING**

SYMPTOM	PROBABLE CAUSE	REMEDY
Pump motor will not start, or stops while operating.	GFCI tripped.	Turn unit "OFF". Test GFCI by pressing reset button.
	Tripped circuit breaker or fuse blown in circuit fuse box.	Disconnect all other plugs on the circuit being used and reset circuit breaker OR check and replace fuse.
	Loose or disconnected plug.	Reconnect plug.
	Tripped circuit breaker in unit.	Allow to cool and restart unit.
	Unit is frozen.	Allow to thaw. If any part of the unit 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.
Circuit breaker trips or fuse blows in the fuse box.	Circuit overload.	Check that the circuit is rated correctly. 15 Amp for 1000 PSI, 20 Amps for 1500 PSI. Disconnect all plugs on the circuit. When connecting to a circuit protected by fuses, use time delay fuses only.
	Extension cord is too long or wire is too small.	Use correct electrical requirements as listed on pg. 4.
	Too much pressure.	Use Adjusting Knob on Unloader to reduce pressure.
GFCI trips.	Incorrect voltage.	Ensure electrical supply is 120 V/15 A/60 Hz for 1000 PSI 120 V/20 A/60 Hz for 1500 PSI
	Electrical short to ground.	Contact Customer Service
Motor runs but there is no discharge at nozzle when trigger mechanism is squeezed.	Inadequate water supply.	Ensure hose is 3/4" diameter and incoming water supply is turned on.
	Kink in water inlet hose.	Remove kink.
	Kink in high pressure discharge hose.	Replace hose.
Low or fluctuating pressure.	Water inlet screen obstructed.	Remove screen, clean or replace.
	Pump sucking air. (Prime lost)	Tighten all water intake connections. Eliminate leaks in intake line.
	Not in high pressure mode.	Pull the nozzle cover toward the gun to engage in high pressure mode.
	Obstructed or worn orifice.	Remove and clean, or replace.
	Bypass valve not operating correctly.	Repair or replace.