



## OPERATING MANUAL

### Curing Tank Heater HM-651

#### INTRODUCTION:

The HM-651 Curing Tank Heater will last for many years if properly installed and maintained. The heater is designed to maintain up to 350gal of water in a tank at the desired temperature when ambient temperature is between 53°–72°F. Use for any other application, or failure to maintain the unit as noted, will void the warranty.

#### WARNING!

**RISK OF ELECTRIC SHOCK!** To avoid possible injury, please read and understand these instructions thoroughly before using the Curing Tank Heater.

#### SET-UP:

1. Mount the heater to the tank securely so that it cannot be knocked loose and fall into the tank.
2. The heating coil must be immersed in water to a depth of no less than 12in (305mm) at all times.

#### WARNING!

Connect the Tank Heater **ONLY** to a Ground Fault Protected Circuit (GFCI) with a minimum of 15 amps.



HM-651

#### OPERATING INSTRUCTIONS:

1. Turn the power switch on. The red pilot light should come on.
2. Adjust the controller to maintain the desired temperature. This may require experimentation to establish the correct setting.
3. Lime/mineral scale will eventually build up on the heating element, greatly affecting performance and efficiency. Periodic cleaning is required.
  - a. Gently remove scale from element. "CLR" brand lime and calcium cleaner may be used for cleaning.
4. If the heater fails to operate, unplug from the power source, remove from the tank and check the fuse. The 250 volt fuse is rated at 15amp. While it is dismounted and unplugged, clean the element following the instructions above.

#### **To Clean:**

- a. Unplug the heater from its power source and remove it from the tank.

For questions, contact Gilson at **800.444.1508** or email **techsupport@gilsonco.com**.

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