

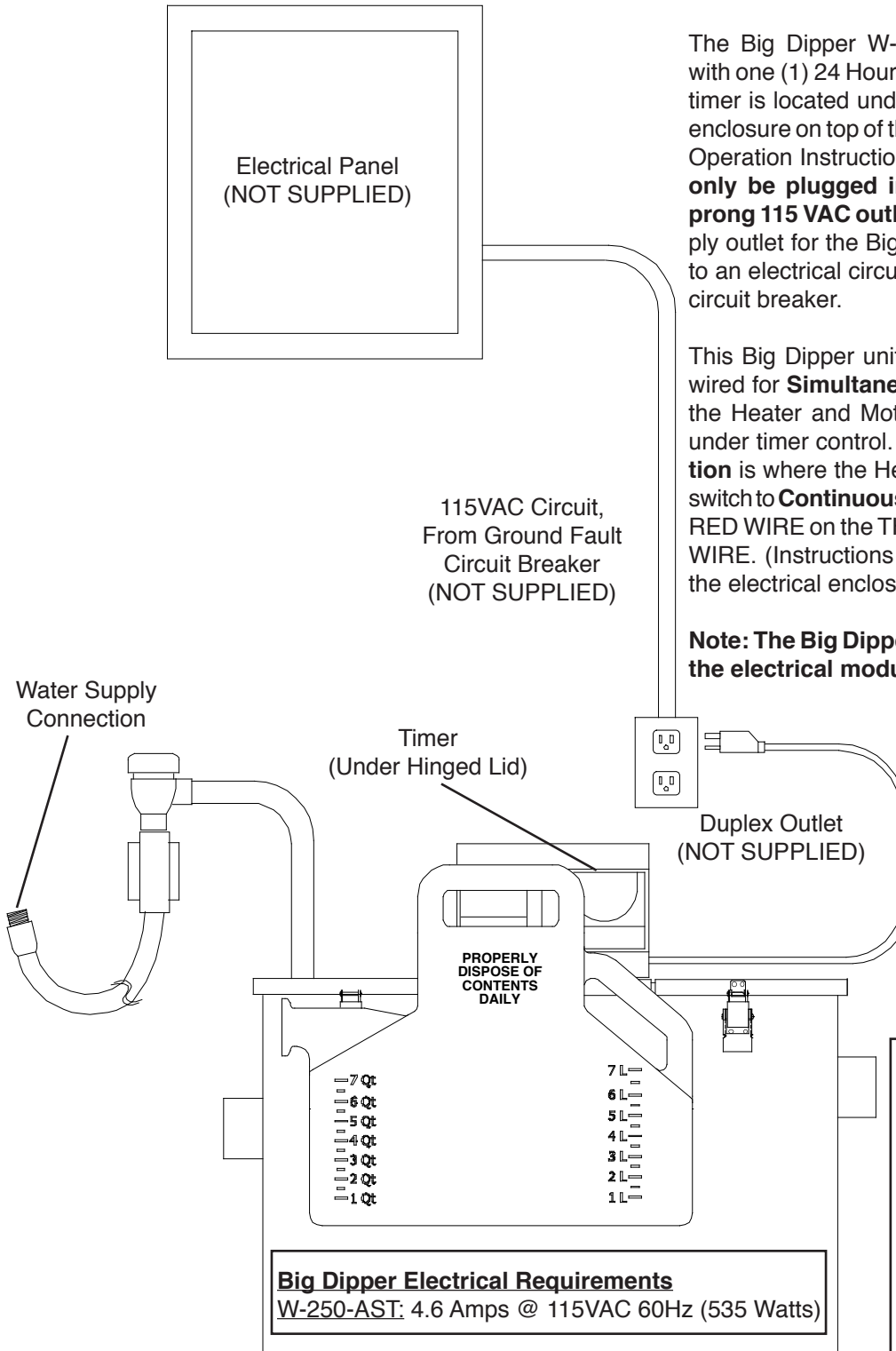
## Big Dipper® AST System Electrical Installation

### Big Dipper Automatic Solids Transfer (AST)

The Big Dipper W-250-AST model is equipped with one (1) 24 Hour/96 Event time controller. The timer is located under the hinged lid of the motor enclosure on top of the lid of Big Dipper (See Timer Operation Instructions). **The Big Dipper should only be plugged into a properly grounded 3 prong 115 VAC outlet.** If possible, the power supply outlet for the Big Dipper should be connected to an electrical circuit controlled by a ground fault circuit breaker.

This Big Dipper unit is shipped from the Factory wired for **Simultaneous Operation**. This means the Heater and Motor operate at the same time under timer control. **Continuous Heater Operation** is where the Heater is active at all times. To switch to **Continuous Heater Operation**, switch the RED WIRE on the THERMOSTAT with the BLACK WIRE. (Instructions are on the wiring Diagram in the electrical enclosure.

**Note: The Big Dipper unit will not operate when the electrical module is removed.**



**Big Dipper Electrical Requirements**  
W-250-AST: 4.6 Amps @ 115VAC 60Hz (535 Watts)

**Note:**  
Time Clock Supplied with system.  
Drawing for reference only. Equipment must be installed in compliance with all applicable laws, regulations and codes, including electrical codes. Installation should be performed by a qualified electrician.