

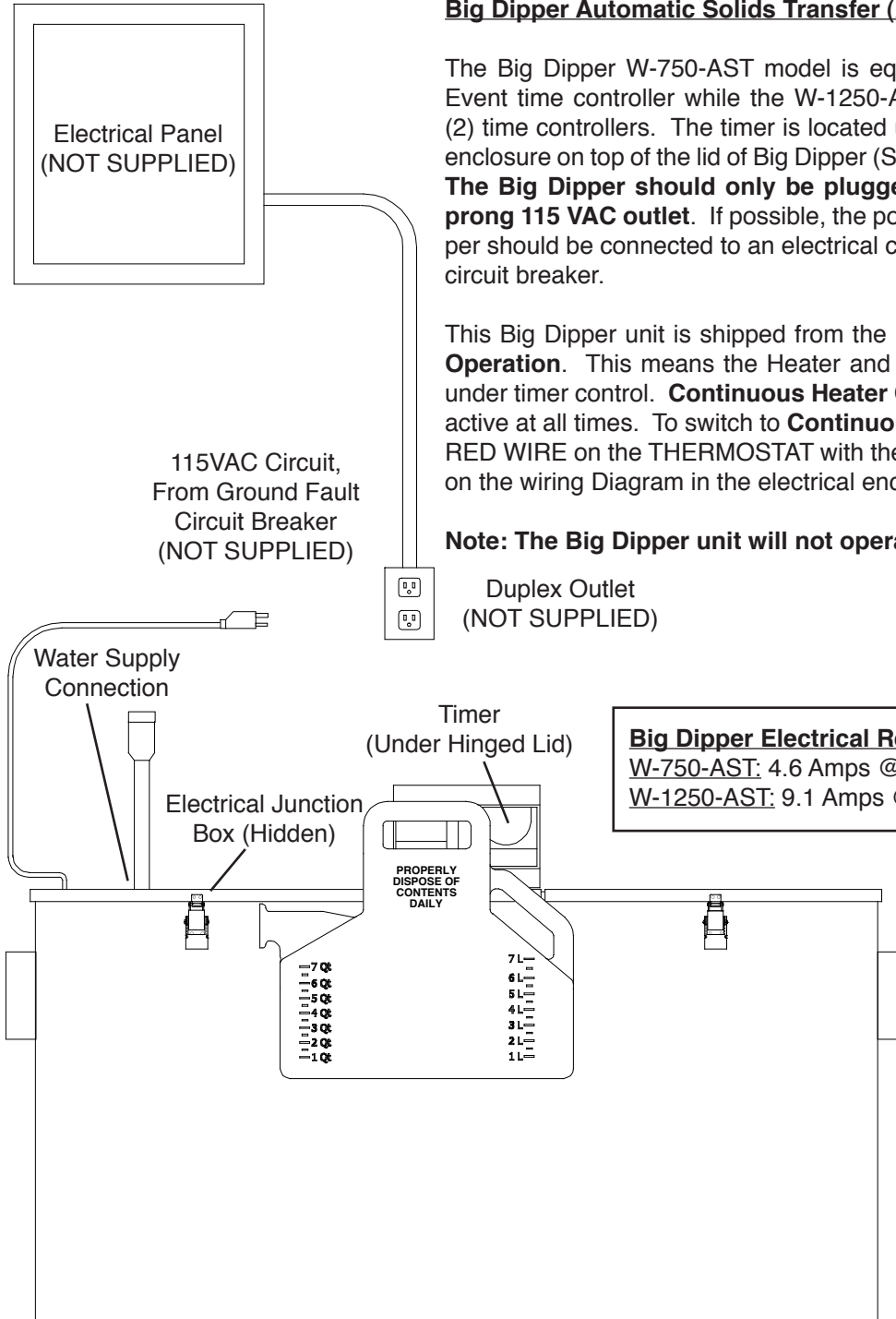
## Big Dipper® AST System Electrical Installation

### Big Dipper Automatic Solids Transfer (AST) Models

The Big Dipper W-750-AST model is equipped with one (1) 24 Hour/96 Event time controller while the W-1250-AST model is equipped with two (2) time controllers. 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 lid is removed.**



### Big Dipper Electrical Requirements

W-750-AST: 4.6 Amps @ 115VAC 60Hz (535 Watts)

W-1250-AST: 9.1 Amps @ 115VAC 60Hz (1055 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.