# LAWN PUMP QUICK REFERENCE GUIDE

#### SEE INSTRUCTION MANUAL FOR COMPLETE DETAILS

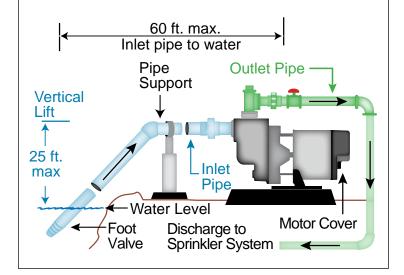


For installation videos, scan with your smart phone.

## **1** TYPICAL INSTALLATION

**NOTE:** This pump is equipped with a 2 in. inlet for maximum water spray.

- 2 in. inlet (suction) opening can be reduced with some loss in performance. If reducing below 1-1/2 in., call factory.
- 1-1/2 in. outlet (discharge) pipe can be reduced with some loss in performance. If reducing below 1-1/4 in., call factory.

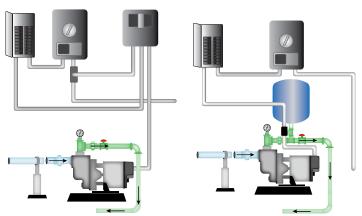




Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 1-800-742-5044, 7:30 a.m. - 5 p.m., EST, Monday - Friday.

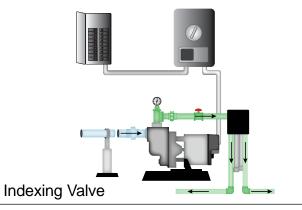
# 2 WHAT CONTROLS WILL YOU USE WITH THIS PUMP?

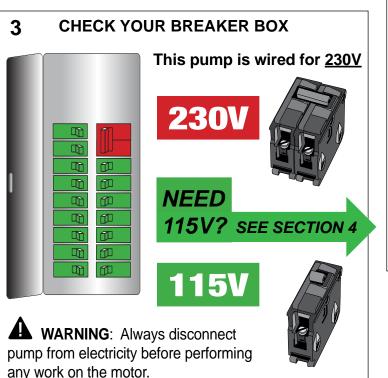
**NOTE:** This pump can be used with a variety of controls. See control manufacturer's instructions for details.



Pump Start Relay

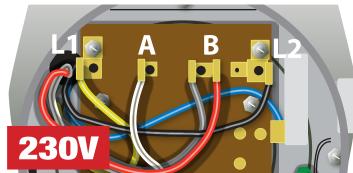
Pressure Switch with Tank



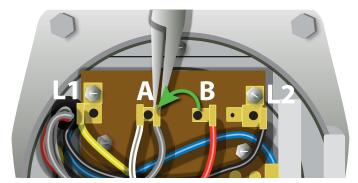


HERE'S HOW TO CHANGE THIS PUMP FROM 230V TO 115V

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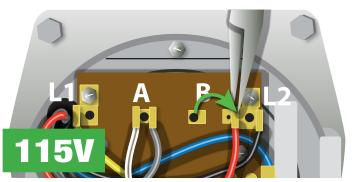


The motor of this pump is dual voltage and can run on either 115V or 230V. This pump is pre-set in the factory to run at 230V.



For 115V service, remove the motor cover and change the following wires on the terminal board:

a. Using a pair of needle nose pliers, pull the gray wire with the female flag connector from the "B" terminal spade post. Place it to the left on the "A" terminal space post.



 b. Pull the red wire with the female flag connector from the "B" terminal. Place it to the right on the L2 terminal space post.



NOTE: Pump may show water stains as a result of factory water testing.

### HOW TO PRIME YOUR PUMP

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**CAUTION:** All pumps must be primed (filling the cavity with water) before they are first operated. This may take several gallons of water, as the inlet line will be filled in addition to the pump cavity. The longer the inlet line, the more water is required to prime.

1. Disconnect the outlet union and Priming plug with separate the pipe. pressure gauge Air relief plua 2. Remove priming plug with • 🕖 pressure gauge and the air relief plug on top of pump. 3. Slowly fill pump cavity until water comes out of the air relief hole. 4. Replace air relief plug and continue adding water to pump cavity until water comes out the open outlet pipe at the open union. 5. Wait 10 minutes to see if water level drops below the pipe tee. If level drops, check foot valve. If level stays constant, re-install the priming plug. 6. Reconnect union on outlet pipe. Open the ball valve (turn handle to line up with pipe), and then turn on breaker to start pump.