



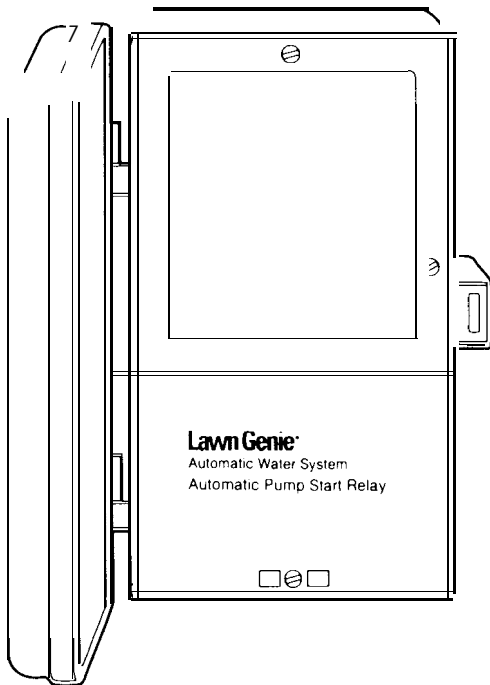
Lawn Genie[®]

Automatic Pump Starter

Installation and Operation Guide

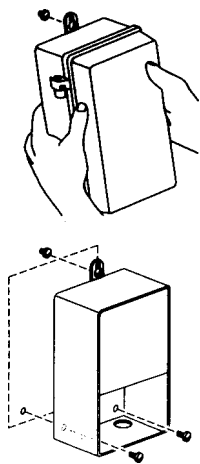
► *For Model L30000W*

► *Please read instructions completely before attempting to install or operate Pump Starter*



Installing the Pump Starter

Mount the Pump Starter



A. Assemble the hanger to the back of the case using screw provided.

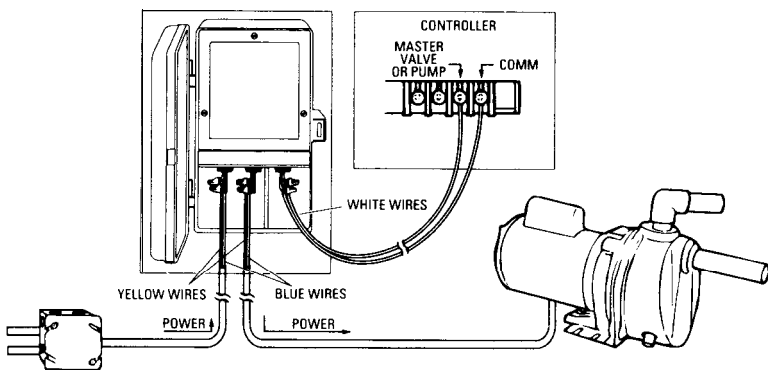
EI Remove the wiring cover and remove the screw from the voltage plate marked Caution: High Voltage.

C. Mount Pump Starter on a wall or solid surface using hanger. Secure by installing screws through two holes located in the lower wiring compartment.

A CAUTION: WHEN USING ELECTRONIC CONTROLLERS, (1) the relay should be mounted with a 5 foot (min.) space between itself and the controller; (2) The controller should be 12 feet (min.) from the pump; (3) The controller should be on a separate power source than that of the pump (it is a high power user). IF THESE STEPS ARE NOT TAKEN, MALFUNCTIONS MAY OCCUR.

Connect Pump Starter to power source and pump motor:

IMPORTANT: To prevent danger of electrical shock, turn OFF main circuit breaker switch before making any electrical connections.



Connecting the Pump Starter

A. Assemble conduit piping and connect wiring from the electrical junction box (power source) to one set of the Pump Starter's power wires, (one set of yellow/blue wires). Attach wires by using wire nuts as shown in the illustration.

EI Assemble conduit piping, and connect wiring from the pump motor to the other set of the Pump Starter's power wires, (other set of yellow/blue wires).

C. Carefully set all wires into the wiring cavity making sure that there are no exposed or loose connections. Replace the Caution: High Voltage plate.

A CAUTION: The Pump Starter is meant to control up to a 2 HP(at 250 VAC) motor only (Note., 2 HPat 120 VAC will exceed the maximum AMP rating.) Do not attach to larger commercial units, or exceed the contact ratings as shown below.

Connect Pump Starter to the sprinkler controller/timer:

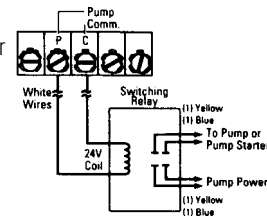
The two white wires in the lower wiring compartment are to be attached to your sprinkler controller/timer. Use a controller/timer that has a maximum of 30 volts to the valves. Do not use with any timing device that exceeds the maximum operating requirement to the white wires. It is not necessary to run conduit piping from the white relay wires to your controller/timer, since the same low voltage that controls the sprinkler valves will also control the relay.

NOTE: Use 18-gauge wire for runs up to 800 feet. For longer distances (2000 feet maximum), use 14 gauge wire.

A. Run a single wire from your controller/timer's "common" terminal to either one of the white wires in the Pump Starter's wiring compartment.

B. Run a single wire from your controller/timer "pump" or "master" valve terminal to the other white wire.

When the sprinkler controller/timer activates a control valve, it will simultaneously send voltage to the Pump Starter's coil/switch, and turn on the pump motor.



RATINGS:

Contacts rated:
1HP at 120VAC 1 Phase
ZHP at 250VAC 1 Phase
20A at 250VAC

Coil rating:
24 VAC, 3VA

Operating Req:
Min. 19VAC
Ma.: 30VAC

2-Year Limited Warranty

LIMITED WARRANTY

Lawn Genie warrants to the purchaser of its products for a period of two (2) years from the date of original purchase that any defective product proved to be caused by faulty workmanship or faulty materials, when installed per instructions and used in a normal manner, will be repaired or replaced at Lawn Genie's option at no charge, providing the product is received at the Lawn Genie factory or authorized factory service center, with all transportation charges prepaid within two years of the date of original purchase. This warranty does not apply to damages or malfunctions resulting from accidents, misuse or neglect. Lawn Genie will not pay labor or other costs of removal or installations of any so-called defective products.

NO IMPLIED WARRANTIES (INCLUDING BUT NOT LIMITED TO) FITNESS FOR A PARTICULAR PURPOSE WHERE APPLICABLE AND MERCHANTABILITY SHALL EXTEND BEYOND THE PERIOD OF THE EXPRESS WARRANTY DESCRIBED ABOVE. IN NO EVENT SHALL LAWN GENIE BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES TO PROPERTY WHICH MAY ARISE FROM OR RELATE TO THE PURCHASE OF ANY LAWN GENIE PRODUCT.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so one or both of the above limitations may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To exercise your warranty, send unit with photocopy of dated receipt, postage prepaid to:



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