

Installation Instructions

MT500B

220/240 Vac Power Upgrade Instruction



1. Ensure that your unit is unplugged and then remove the top cover.
2. In your kit you should have received the jumper harness (Figure 1) and the 220/240 Vac solenoid valve (Figure 2, Left).



Figure 1 - Jumper Harness



Figure 2 - Solenoid Valves; 220/240 Vac On Left, 120 Vac On Right

3. Remove the existing solenoid valve by removing the screws on the rear of the chassis. Install the 220/240 Vac solenoid in place of the existing solenoid valve. If the RC filter (blue rectangular piece in Figure 3) becomes damaged, insert the included RC filter jumper in between the existing wiring and the solenoid valve electrical (DIN) connector.



Figure 3 - Solenoid Valve With Rc Filter Wire Harness

4. Unplug the two power connectors on the control board shown in Figure 4.



Figure 4 - Power Connectors

5. Attach the 220/240 Vac jumper harness as shown in Figure 5. The connectors will only connect one way.



Figure 5 - Jumper Harness Connection

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6. Plug the other end of the 220/240 Vac jumper harness into the control board as shown in Figure 6. The connectors will only connect one way, so if they go together it is the correct connection.



Figure 6 - Final Connection

7. Place the included label near the existing product label on the outside of the unit to ensure that anyone who inspects or services the unit will know that it has been modified.
8. Button up the unit and return to service.



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