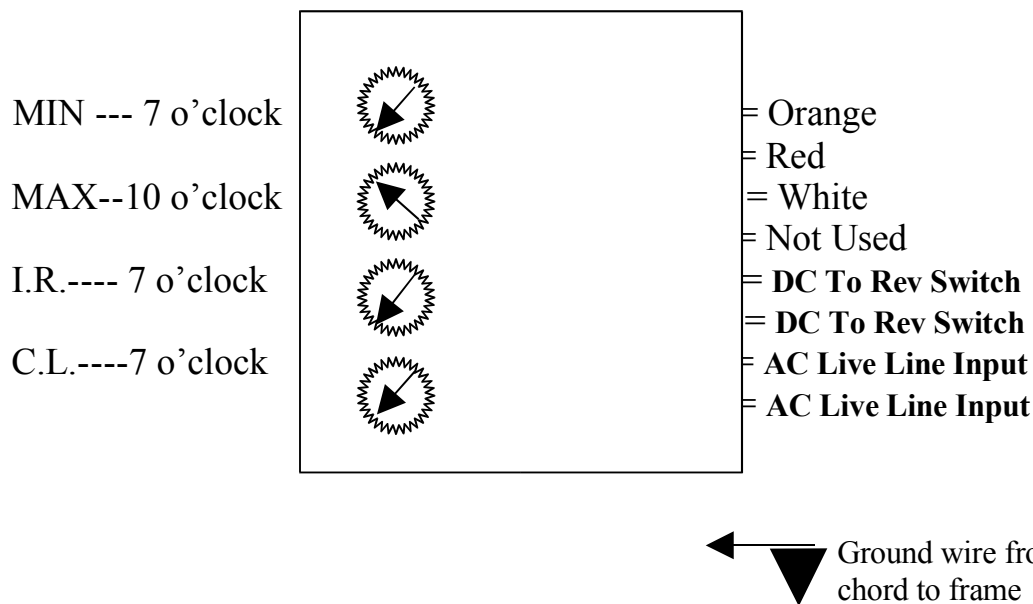


CONVERSION OF THE GN 1300 SERIES TO 220 VOLT SYSTEM

To run the GN1300 on 220 volts you will need to change the motor, change the switch, change the plug, and reset the control module. The same control module is good for 110 or 220.

1. The 90 volt DC motor must be replaced with a 180 volt motor.
2. The current switch has a 110 volt relay installed. The entire switch can be changed or you can change just the relay portion of the switch.
3. The 110 volt plug should be removed and install a 15 amp or a 20 amp 220 volt plug. Use the white and black leads of the chord for the two hot leads and the green chord for the neutral.
4. The adjustment wheels on the controller should be reset so the arrows match the diagram below and perform the fine adjustments as shown.

With the power switch turned off and the unit unplugged, make the following initial adjustments



1. Turn the speed control dial to the slowest setting (full counter clockwise).

NOTE: The following is to be done with the unit plugged in and running so please use extreme caution. Use a non-metallic tool such as a Popsicle stick or a plastic knife to make adjustments.

2. Plug the unit in and turn on the key switch.
3. Turn the MIN control clockwise until a slight rotation of the motor is obtained.

Settings are now complete and the unit is ready for use. When the power is turned on, the motor will start to run in about 6 seconds. This time lag is normal and varies with the speed selector dial position at startup.