

GENERAL DESCRIPTION

For 12087-10

VOLTAGE CONTROLLER

Voltage Controller delivers up to 120 volts AC at a maximum of 10 Amps. Variable control from zero output to full-on line voltage.

FEATURES:

- Ideal for controlling heater type loads rated for 120 volts, especially when less size and weight of controller is important. Since this is a solid state transformerless line voltage controller, it is NOT recommended for heaters rated for less than 120 volts.
- A voltage limit rear mounted center-off switch used to select a 40 volt or 120 volt maximum output with the control knob full on.
- 0-100% control of available line voltage with easy handling control knob and "click-off".
- 0-10 Amp meter
- Main line polarity correcting switch for Normal or Adjust of "neutral" (white) and "hot" (black) wires.
- Warning glow light mounted next to correcting switch which lights when dangerous reversed wiring condition exists. Flip switch to extinguish light and correct condition.
- Easy access 10 amp fuse Type 3 AG (rear mounted).
- Standard 3 prong grounded outlet.
- Line voltage pilot light.
- 6' heavy duty neoprene 3 wire power cord (grounded to case).
- Rear mounted ring stand clamp.
- Built-in dummy load resistor which drops the output voltage to near zero when a no load condition exists with the control potentiometer turned down but not "click-off". (This is a normal inherent disadvantage with most series controlled solid state controllers)
- Dimensions: 7" x 4" x 3 $\frac{1}{2}$ ". Weight: 2 lbs. Case: Blue & white chemically resistant aluminum.



Type of loads that can be controlled:

All nichrome type heaters, e.g, mantles, ovens, hot plates, immersion heaters, etc.

Incandescent lights and Instatherm type heaters rated for 120 volts.

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