



# User Instructions

## Instruction Notes for PowrTwin 104A PL1202

### General Description

The PowrTwin is a manually adjusted, dual output, solid-state power controller. It is designed to provide precise and variable control to resistive loads up to 14 amps total: 7 amps per circuit. Operation is stable in ambient temperature from 30 to 130 degrees F.

### Control Features

- 1.) Lighted On/Off switch per output.
- 2.) 7-amp relay output per circuit.
- 3.) Dial is for reference only
- 4.) Individual circuit protectors.
- 5.) Low profile modular housing.





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## How to Setup and Operate

First connect the heater load (7 amps or less) to the load receptacle on the rear panel. Next plug the control line cord into the appropriate 3-wire grounded power receptacle (5-15R).

Toggle the lighted power switch to the "ON" position to apply power to the controller. Turn the control knob to the desired setting. As the knob setting is increased, voltage to the load increases. Full line voltage is applied at a dial setting of 100 percent. Settings below 100 percent are not linear. Verify voltage prior to operation.

Manual power controls require experimentation to achieve the desired control setting for a particular application. The PowrTwin offers precise repeatability once the desired setting has been determined for that application.

## Specifications

### Operator Interface

- Individual Control knob (5-100% line voltage)
- Individual Lighted On/Off switch
- Individual 3-wire load receptacle

### Output

- 14 amp, 120V: 7 amp per output, Individually Circuit protected
- Output range: adjustable from 5 to 100% of rated voltage.

**NOTE:** Output can be verified only under load with voltage meter.

### Input Voltage

- 50/60 Hz

### Operating Environment

- 30 to 130 degrees F/ 0 to 55 degrees C;  
0 to 90% RH, non-condensing

### Accessories

- Lab lattice mounting clamp  
Part No. 100F R96 448  
Consult factory for ordering accessories



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## **Maintenance:**

Simple preventative maintenance steps include keeping the controller clean. Protect it from overload, excessive dirt, oil and corrosion.

## **Limited Warranty**

See the current Glas-Col warranty policy located under the General Sales Policy on the Glas-Col website at [www.glascol.com](http://www.glascol.com)

Glas-Col products are intended only for legal and legitimate purposes in commercial laboratory and industrial settings.

## **Returns:**

For returns, please refer to our Sales Policy on [www.glascol.com](http://www.glascol.com)