

Model 5420



FAST. CONTROLLED.

Precision Control For:

SpotIR®

LineIR®

StripIR®

Model 5420 ControlIR®

The Model 5420 ControlIR is a 15 amp power controller designed to control the voltage supplied to many of the Research, Inc. heaters. It is available in 120, 240, and 480 volt versions and may be ordered with a manually set potentiometer, a potentiometer and timer, or receptacle to accept a 4 to 20mA external control signal.



For Controlled Concentrated Heating.

FAST. CONTROLLED.

Features and Benefits Controller Model 5420

- Phase angle fired SCR provides precise voltage to heaters.
- Plug and 8 foot long power cord plugs into power receptacle.
- 120, 240, and 480 volt models (at 15 Amps) match all listed Research, Inc. heaters.
- Potentiometer, timer, and external run signal options allow user to select the method for controlling the voltage.
- Compact size keeps space required for the controls to a minimum.

Product Description Controller Model 5420

All Model 5420 ControlIRs have a power cable and plug to connect to a wall receptacle and a terminal block to terminate the wires coming from the heater. They all use a phase angle fired SCR to control voltage.

CONTROLLERS

Model 5420 Power Controller

The Model 5420 Power Controller has an off/on switch and a manual potentiometer that will vary the output voltage from 0% to 97% of the line voltage.

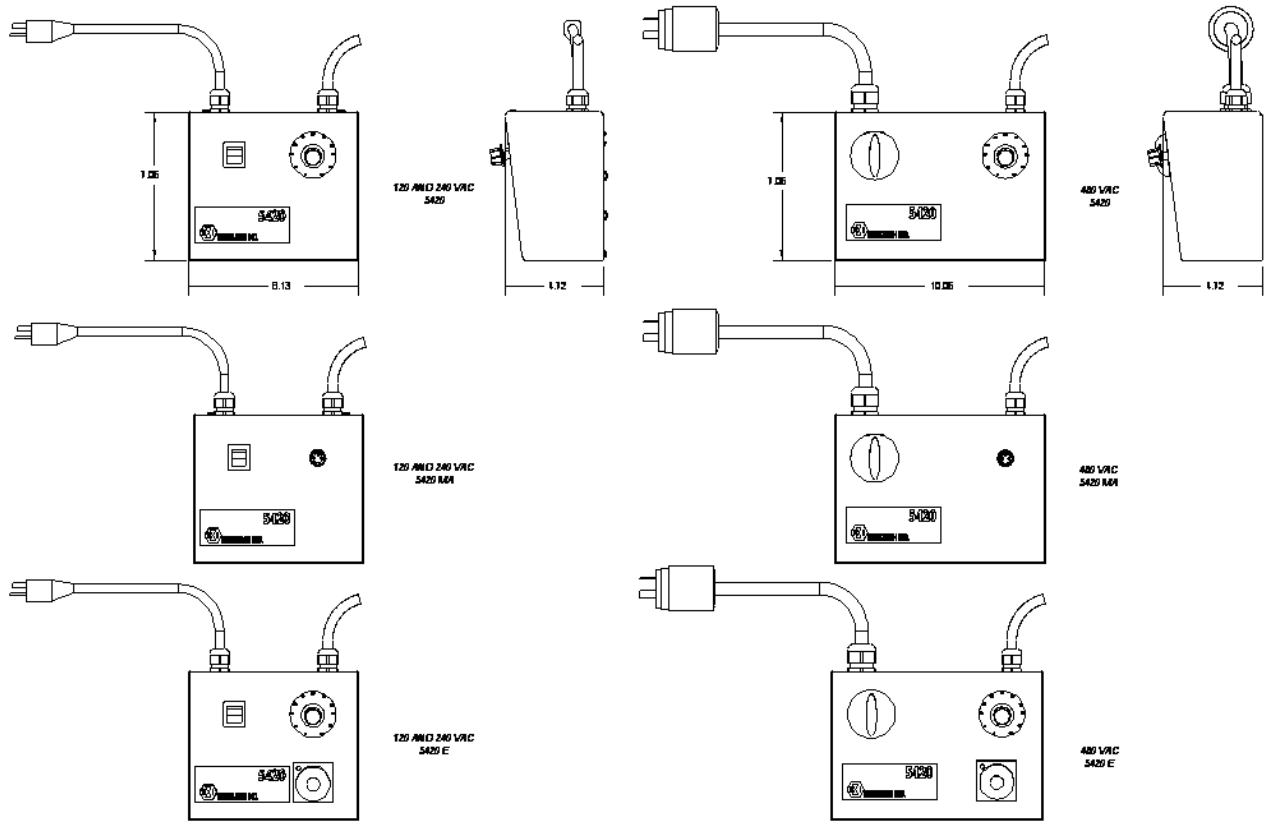
Model 5420E Power Controller

The Model 5420E Power Controller has an off/on switch, a manual potentiometer that will vary the output voltage from 0% to 97% of the line voltage and a timer. The timer has a 50 increment dial and may be set to adjust the voltage and a timer. The timer has a 50 increment dial and may be set to adjust the voltage from 0 to 5.0 seconds, 0 to 50 seconds, 0 to 5.0 minutes, 0 to 50 minutes, 0 to 5 hours, or 0 to 50 hours.

Model 5420mA Power Controller

The Model 5420mA Power Controller has an off/on switch and a receptacle/plug to accept a 4 to 20mA control signal from an external source to regulate the output voltage from 0% to 97% of the line voltage..

Product Drawings – Controller 5420





For Controlled Concentrated Heating.

How to Order - Controller 5420

PRODUCT SPECIFICATIONS			
Description	120 volt, 15 Amp	240 volt, 15 Amp	480 volt, 15 Amp
Manual Potentiometer	Model 5420-120	Model 5420-240	Model 5420-480
Manual Potentiometer and Timer	Model 5420E-120	Model 5420E-240	Model 5420E-480
4 to 20mA external control	Model 5420mA-120	Model 5420mA-240	Model 5420mA-480