

# Ionizer Controller

## MODEL 5024

The Simco-Ion Ionizer Controller Model 5024 provides power and control to our 5509e Ceiling Emitters. It can adjust the output timing of ionizers up to 10 seconds for sequenced bipolar operation.

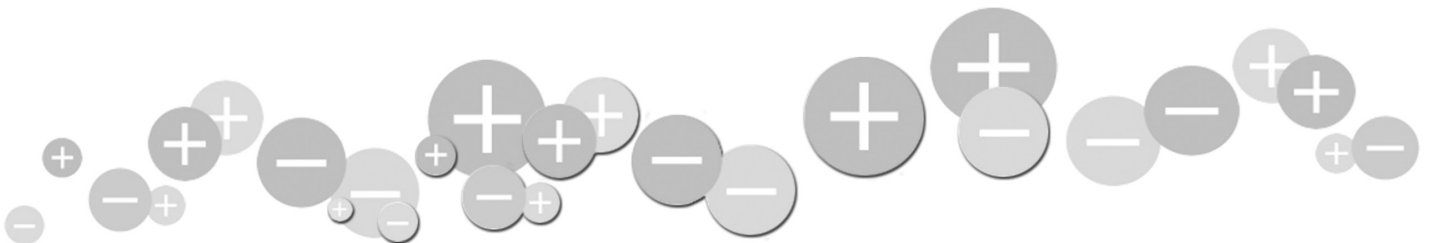
Model 5024 is available in a standard model that supports up to 4 ionizers. The enhanced version, Model 5024e, can power up to 20 units and includes an alarm that alerts the user of any ionizer failure.




### Features

- Powers either 4 or 20 ionizers
- Single timing setting synchronizes ion emission for all ionizers attached to a controller
- Alarm LED and audible alarm option on Model 5024e

### Benefits

- Models available for any installation size
- Reduced recombination effects at adjacent ionizers for optimal ion delivery
- Immediate notification of alarm conditions



Model 5024/5024e	
<b>Power</b>	8W + 1W per ionizer
<b>Input Voltage</b>	100/115/230 VAC ±10%; 50/60 Hz voltage selectable and fuse-protected
<b>Output Voltage</b>	24 VAC and ±10 VDC control signal
<b>Output Signal</b>	-10 to +10 VDC, controls output level for each polarity
<b>Capacity</b>	Model 5024: 4 ionizers (Model 5509e); Model 5024e: 20 ionizers (Model 5509e)
<b>Timing Control</b>	Ionization on for each polarity (0.2-10 seconds)
<b>LED Indicator</b>	Positive and negative ion output
<b>Alarm</b>	Alarm LED indicates emitter failure; optional audible alarm available (Model 5024e only)
<b>Status Output</b>	Optional Model 5090 FMS interface attachment (Model 5024e only)
<b>Dimension</b>	12"L x 2.25"D x 2.5"H (30.5L x 5.7D x 6.4H cm)
<b>Weight</b>	3.25 lb (1.5 kg)
<b>Warranty</b>	Two year limited warranty
<b>Certification</b>	  

### Ordering Information

<b>91-5024-CER</b>	5024 Controller, supports up to 4 ionizers (Models 5509e), IEC power cord required, contact Sales Services for detail
<b>91-5024E-CER</b>	5024 Controller with Alarm, supports up to 20 ionizers (Models 5509e), IEC power cord required, contact Sales Services for detail
<b>91-5024E-CE-ALMR</b>	5024 Controller with Audible Alarm, supports up to 20 ionizers (Models 5509e), IEC power cord required, contact Sales Services for detail



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