Ionization Solutions

Ionizer Controller

MODEL 5024

The Simco-Ion Ionizer Controller Model 5024 provides power and control to our 5509e Ceiling Emitters and Model 5285 AeroBars®.

The Model 5024 is available in a standard model that supports up to four ionizers. An enhanced version of the Model 5024 can power up to 20 units and includes an alarm that alerts the user of any ionizer failure.
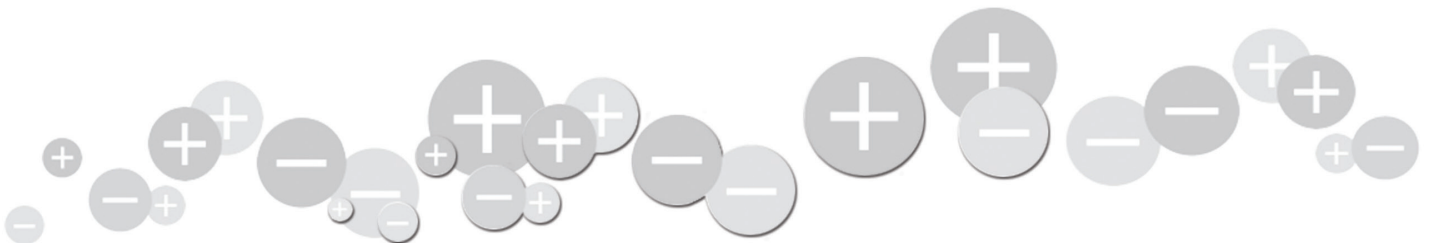
Model 5024 controller can adjust the output timing of ionizers up to 10 seconds for sequenced bipolar operation.

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 5024

Benefits

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

Controller Model 5024

Power	8W + 1W per ionizer
Input	100/115/230 VAC ±10%; 50/60 Hz voltage selectable and fuse-protected
Output	24 VAC and ±10 VDC control signal
Output Signal	-10 to +10 VDC, controls output level for each polarity
Capacity	4 ionizers (Model 5509e, 5285)
Timing Control	Ionization on for each polarity (0.2-10 seconds)
Indicators	Positive and negative ion output LEDs
Dimensions	12"L x 2.25"D x 2.5"H (30.5L x 5.7D x 6.4H cm)
Weight	3.25 lb (1.5 kg)
Warranty	Two year limited warranty
Certifications	CE cULus RoHS2

Controller Model 5024E

	All other specifications are the same as Controller Model 5024 above
Capacity	20 ionizers (Model 5509e, 5285)
Alarm	LED indicates emitter failure; optional audible alarm available
Status Output	Optional Model 5090 FMS interface attachment

Ordering Information

91-5024-CER	5024 Controller, supports up to 4 ionizers (Models 5509e, 5285), power cord included
91-5024E-CER	5024 Controller with Alarm, supports up to 20 ionizers (Models 5509e, 5285), power cord included,
91-5024E-CE-ALMR	5024 Controller with Audible Alarm, supports up to 20 ionizers (Models 5509e, 5285), power cord included

SIMCO ION™

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