

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.

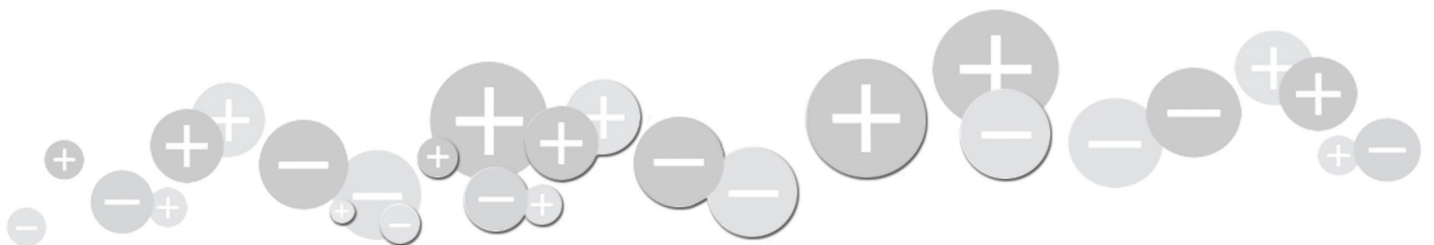
Model 5024 controller can adjust the output timing of ionizers up to 10 seconds for sequenced bipolar operation.




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



| Specifications | |
|--|---|
| 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 |    |
| 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 |



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