

STIEBEL ELTRON

Simply the Best

Feel Warm Instantly. Be Warm Instantly.



SunWarmth™ CIR

INFRARED ELECTRIC RADIANT HEATER



- › Instant Heat as Soon as it's Switched On
- › Heats the Object Not the Surrounding Air
- › Short-Wave Technology Uses Half the Energy of Medium-Wave
- › High Quality Design and Manufacturing
- › Attractive European Design
- › Quiet and Odorless

800.582.8423

www.stiebel-eltron-usa.com

Technical Data



Certified to ANSI/UL Std. 499
Conforms to CAN/CSA E335-1 & E335-2-35

Model	CIR 150-1 I	CIR 150-1 O	CIR 200-2 O	CIR 400-2 O
Item number	234047	234048	234049	234050
Usage	indoor only	indoor/outdoor	indoor/outdoor	indoor/outdoor
Voltage, 60Hz	120 V (supplied with plug & cord)		240 V (hard-wired / supplied with cord)	
Wattage	1.5 kW	1.5 kW	2.0 kW	4.0 kW
Amperage	12.5 A	12.5 A	8.3 A	2 x 8.3 A
Required circuit breaker(s) ¹	20 A	20 A	15 A	2 x 15 A
Required wire size (copper)	14 AWG	14 AWG	14 AWG	14 AWG
Lamp temperature	2420 ±360 °F / 1325 ±200 °C			
Lamp life (normal conditions)	5,000 hours			
Lamp color temperature	1,600, ±200 K			
Estimated square footage heated ²	108-133 sq. ft.	108-133 sq. ft.	133-165 sq. ft.	205-275 sq. ft.
Average heat density ³	13.9-11.3 W/ft ²	13.9-11.3 W/ft ²	15-12.1 W/ft ²	19.5-14.5 W/ft ²
Height	5 11/16" / 145 mm			
Width	15 9/16" / 395 mm	18 9/16" / 471 mm	18 9/16" / 471 mm	38 1/2" / 978 mm
Depth	4 7/16" / 112 mm	4 3/4" / 108 mm	4 3/4" / 108 mm	4 7/16" / 112 mm
Weight	4.85 lb / 2.2 kg	5.5 lb / 2.5 kg	5.5 lb / 2.5 kg	8.8 lb / 4.0 kg

¹ CIR heaters must be installed on a circuit with a timer or timer switch.

² When installed as specified in installation manual.

³ Heat input needed is 2 W/ft² per °F temp. rise for outdoors and .75 W/ft² per °F temp. rise for indoors (discounting wind). (A 10 x 20 ft outdoor patio needing 15°F temp/ rise would be 10x20x15x2 = 6,000 W or 3 CIR 200-2.)

Sun-like warmth for instant heat without pre-heating.

Step from the shade into sunlight and the Sun's infrared light instantly warms you. A SunWarmth™ heater uses that same infrared light for that same comfortable feeling almost anywhere. Standard fan or convection heaters heat the air. The infrared light from a SunWarmth™ CIR heater economically heats the object, not the space, for maximum comfort and minimal energy usage. The short-wave infrared technology in a CIR heater uses less energy than similar heaters using medium-wave infrared. SunWarmth™ CIR Outdoor heaters are perfect for outdoor heating for comfort or to extend the season on decks, patios, and balconies in homes or restaurants. It is an economical heater for a shop bench or production workstation where it can keep a worker comfortable without paying to heat the entire space, or heat or dry materials for production. A SunWarmth™ CIR heater is perfect for heating in any cool area where comfort is needed.

Distributed by:

- › Silently heats the object, not the space, for maximum comfort and minimal energy use
- › CIR short-wave technology uses less energy than medium-wave infrared heaters
- › Casing is durable, long-lasting weatherproof aluminum in white finish with stainless steel grill and screws

Ideal for:

- › Covered patios, balconies, or decks
- › Garages or shops
- › Anywhere instant heat is needed



Complete warranty online.



STIEBEL ELTRON

17 West Street
West Hatfield, MA 01088

TOLL FREE 800.582.8423

PHONE 413.247.3380

FAX 413.247.3369

info@stiebel-eltron-usa.com

www.stiebel-eltron-usa.com