

**STIEBEL ELTRON**

**Simply the Best**

Elegant, stylish warmth



## Electric Space Heaters

FAN | CONVECTION | INFRARED

- › Quiet & attractive space heating
- › Easy, surface-mount installation
- › Safe, efficient, clean heat
- › Supplemental or primary heating options



**ISO 9001**  
CERTIFIED

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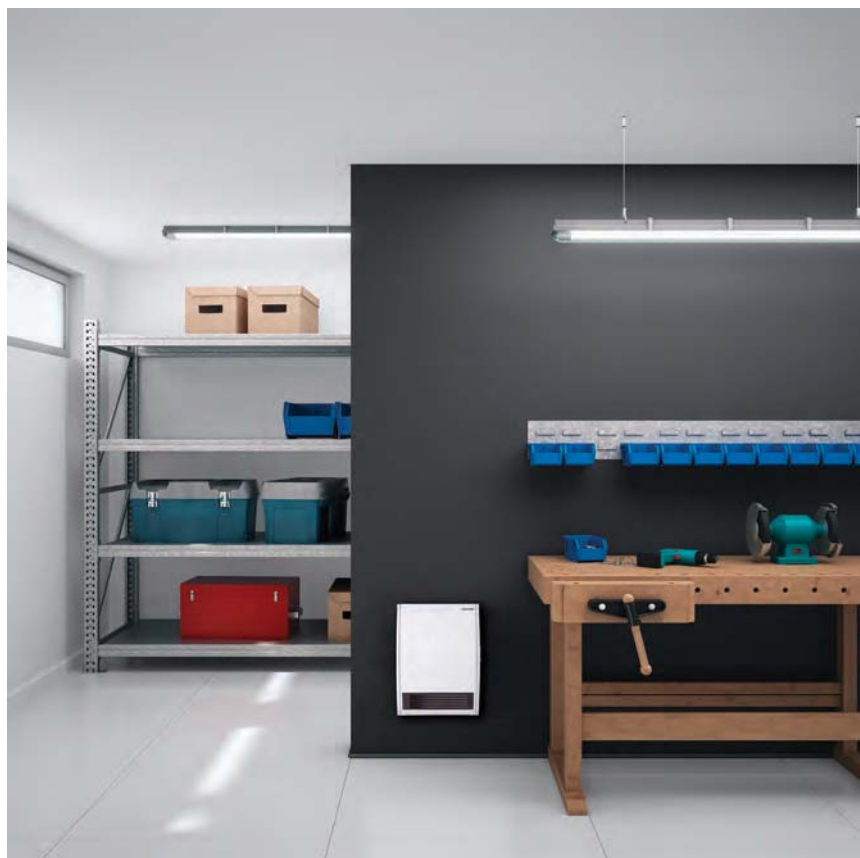
[www.stiebel-eltron-usa.com](http://www.stiebel-eltron-usa.com)

## Ways to heat

Stiebel Eltron CK and CKT wall-mounted fan heaters use a small, quiet fan to pull in room air and send out heated air. These heaters are perfect for spaces like bathrooms that already have a primary heat source, but may need a little extra heat added quickly. They can also be used as the primary heat source in a small room or space, such as a hallway or small bedroom.

Our CNS-E wall-mounted convection heaters have no fan.

Using the natural process of convection, air heated inside a CNS-E heater naturally rises out the top as cooler air is pulled into the bottom to be heated. A single CNS-E heater can provide heat for smaller spaces like bathrooms, bedrooms, and hallways. Multiple CNS-E heaters can easily be used to heat a larger space. CNS-E heaters have an integral thermostat but can be linked to a central thermostat. They make an excellent replacement for baseboard heating.



Sunwarmth™ CIR heaters heat objects directly, not the air around them by using the same infrared heat energy as the sun. They provide instant heat, and are ideal for outdoor heating on balconies, patios and decks. Indoors they can be used to heat a worker at a workstation, provide comfort in a health or spa treatment room, or provide heat for barn animals.

## Where are you looking to warm up?

We have several options for whatever space you need to make cozy. Warming up just a bathroom, hallway, or bedroom or do you need a primary heat source for a large living room? Tired of looking at electric baseboard heaters and want a stylish, energy efficient replacement? Do you need to spot heat a workshop or work station, or an outdoor eating or seating area? The tables below will help you choose the best heater for your needs.

CK Series | Quiet Fan Heaters

The CK, CKT, and CK Trend are designed and made in Germany. These elegant, surface-mount fan heaters are extremely quiet.

They are a simple solution to quickly add heat to a room that may not get enough heat from a central source, as sometimes happens with a mini-split retrofit, or they can add heat to a space that never had it before, like a porch retrofit.

CK, CKT, and CK Trend heaters have an integral thermostat, but the CK can be linked to a central thermostat if it is installed in a room larger than 215 sq. ft.

Need to occasionally warm a room more than the thermostat is set for? The CKT, the boost timer version of the CK, is designed to add additional heat to a space when desired. Set the timer on the CKT for up to 60 minutes and the CKT outputs heat at its maximum setting. When the timer goes off, the CKT reverts to its thermostat setting, maintaining comfort at the original setting.

All CK Series models are designed with a frost protection setting. The lowest thermostat setting will maintain above freezing temperatures in an appropriately sized space.

- › Extremely quiet operation
- › Built-in thermostat
- › Convenient 60-minute boost timer on CKT
- › Downdraft design for even heat



CK Series



Certified to ANSI/UL Std. 2021  
Conforms to CAN/CSA Std. 22.2 No. 46

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Complete  
warranty  
online.



| Model                                         | CK 15 E                                                  | CKT 15 E | CK 20 E        |        | CKT 20 E       |        | CK 150-1 Trend                                        | CK 200-2 Trend |        |
|-----------------------------------------------|----------------------------------------------------------|----------|----------------|--------|----------------|--------|-------------------------------------------------------|----------------|--------|
| Item number                                   | 074058                                                   | 230345   | 074057         |        | 230346         |        | 236304                                                | 236305         |        |
| Voltage                                       | 120 v                                                    | 120 v    | 240 v or 208 v |        | 240 v or 208 v |        | 120 v                                                 | 240 v or 208 v |        |
| Wattage                                       | 1500 w                                                   | 1500 w   | 2000 w         | 1500 w | 2000 w         | 1500 w | 1500 w                                                | 2000 w         | 1800 w |
| Amperage                                      | 12.5 A                                                   | 12.5 A   | 8.3 A          | 7.2 A  | 8.3 A          | 7.2 A  | 12.5 A                                                | 8.3 A          | 8.7 A  |
| Rated output Btu/hr                           | 5118                                                     | 5118     | 6824           | 5118   | 6824           | 5118   | 5118                                                  | 6824           | 6142   |
| Recommended circuit breaker size <sup>1</sup> | 15 A                                                     | 15 A     | 15 A           |        | 15 A           |        | 15 A                                                  | 15 A           |        |
| Minimum wire size (copper)                    | 14 AWG                                                   | 14 AWG   | 14 AWG         |        | 14 AWG         |        | 14 AWG                                                | 14 AWG         |        |
| Timer                                         | no                                                       | yes      | no             |        | yes            |        | N/A                                                   | N/A            |        |
| Heating element                               | nichrome wire                                            |          |                |        |                |        | ceramic positive temperature coefficient (PTC)        |                |        |
| Thermostat & high limit                       | bimetal type                                             |          |                |        |                |        | bimetal type                                          |                |        |
| Motor                                         | 18 w shaded pole                                         |          |                |        |                |        | 20 w shaded pole                                      |                |        |
| Blower                                        | galvanized steel, squirrel cage type                     |          |                |        |                |        | glass-reinforced polycarbonate, radial type           |                |        |
| Dimensions                                    | 18 1⁄8"/460 mm H x 13 3⁄16"/335 mm W x 4 13⁄16"/123 mm D |          |                |        |                |        | 15 3⁄4"/400 mm H x 10 7⁄8"/275 mm W x 5 1⁄8"/131 mm D |                |        |
| Weight                                        | 8.0 lb / 4.4 kg                                          |          |                |        |                |        | 5.5 lb / 2.5 kg                                       |                |        |
| Temperature range                             | 41°F – 86°F / 5°C – 30°C                                 |          |                |        |                |        | 45 – 95 °F / 7 – 35 °C                                |                |        |
| Frost protection setting                      | 45°F / 7°C                                               |          |                |        |                |        | 45°F / 7°C                                            |                |        |
| Operating noise                               | 49.7 dB(a)                                               |          |                |        |                |        | 49.0 dB(a)                                            |                |        |

<sup>1</sup> This is our recommendation as the manufacturer. Check local codes for compliance if necessary.

- › Attractive slimline european design
- › Thermostat built into unit
- › Baseboard heater alternative
- › Draft-free, silent operation

## CNS Series | Silent Convection Heaters

The CNS-E is a modern surface-mounted convection heater with a sleek European slimline design. CNS-E units are an effective, efficient replacement for traditional baseboard heaters, using significantly less room to accomplish the same heating task.

CNS-E heaters work through natural convection, ensuring draft-free operation. Cool room air flows in the bottom of the unit, is warmed by the heating element, and rises silently out the top to heat the room. The CNS-E is designed with a frost protection setting. The lowest thermostat setting will maintain an appropriately-sized room above freezing temperatures.

With its built-in thermostat, a single CNS-E is perfect as a stand-alone heating system in bathrooms or small rooms. Multiple CNS-E units can be placed strategically in larger spaces and their temperature settings adjusted individually for maximum comfort control. If used to replace an existing heater with a separate wall-mounted thermostat control, CNS-E heaters may be wired to use that control. Overheat protection is built into the unit.

## CNS Series



Certified to ANSI/UL Std. 2021  
Conforms to CAN/CSA Std. 22.2 No. 46

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| Model                                      | CNS 50-2 E                   |       | CNS 75-2 E      |       | CNS 100-2 E     |       | CNS 150-2 E      |        | CNS 200-2 E      |        | CNS 240-2 E      |        | CNS 100-1 E     | CNS 150-1 E      |
|--------------------------------------------|------------------------------|-------|-----------------|-------|-----------------|-------|------------------|--------|------------------|--------|------------------|--------|-----------------|------------------|
| Item number                                | 231542                       |       | 232068          |       | 231543          |       | 231544           |        | 231545           |        | 231546           |        | 233586          | 233587           |
| Voltage                                    | 240 v or 208 v               |       | 240 v or 208 v  |       | 240 v or 208 v  |       | 240 v or 208 v   |        | 240 v or 208 v   |        | 240 v or 208 v   |        | 120 v           | 120 v            |
| Wattage                                    | 500 w                        | 375 w | 750 w           | 563 w | 1000 w          | 750 w | 1500 w           | 1125 w | 2000 w           | 1500 w | 2400 w           | 1800 w | 1000 w          | 1500 w           |
| Amperage                                   | 2.1 A                        | 1.8 A | 3.1 A           | 2.7 A | 4.2 A           | 3.6 A | 6.3 A            | 5.4 A  | 8.3 A            | 7.2 A  | 10.0 A           | 8.7 A  | 8.3 A           | 12.5 A           |
| Btu/hr                                     | 1706                         | 1280  | 2559            | 1921  | 3412            | 2559  | 5118             | 3839   | 6824             | 5118   | 8189             | 6142   | 3412            | 5118             |
| Required circuit breaker size <sup>1</sup> | 15 A                         |       | 15 A            |       | 15 A            |       | 15 A             |        | 15 A             |        | 15 A             |        | 15 A            | 15 A             |
| Required wire size (copper)                | 14 AWG                       |       | 14 AWG          |       | 14 AWG          |       | 14 AWG           |        | 14 AWG           |        | 14 AWG           |        | 14 AWG          | 14 AWG           |
| Temperature range                          | 45 °F – 86 °F / 7 °C – 30 °C |       |                 |       |                 |       |                  |        |                  |        |                  |        |                 |                  |
| Frost protection setting                   | 45 °F / 7 °C                 |       |                 |       |                 |       |                  |        |                  |        |                  |        |                 |                  |
| Height                                     | 17 ¾" / 45.0 cm              |       |                 |       |                 |       |                  |        |                  |        |                  |        |                 |                  |
| Width                                      | 14 ⅞" / 37.0 cm              |       | 17 ½" / 44.5 cm |       | 17 ½" / 44.5 cm |       | 23 ¼" / 59.0 cm  |        | 29 ⅛" / 74.0 cm  |        | 35 ⅙" / 89.0 cm  |        | 17 ½" / 44.5 cm | 23 ¼" / 59.0 cm  |
| Depth                                      | 3 ⅙" / 10.0 cm               |       |                 |       |                 |       |                  |        |                  |        |                  |        |                 |                  |
| Weight                                     | 8.4 lb / 3.8 kg              |       | 9.7 lb / 4.4 kg |       | 9.7 lb / 4.4 kg |       | 12.6 lb / 5.7 kg |        | 15.0 lb / 6.8 kg |        | 17.9 lb / 8.1 kg |        | 9.7 lb / 4.4 kg | 12.6 lb / 5.7 kg |
| Equivalent Baseboard <sup>2</sup>          | 2'                           |       | 3'              |       | 4'              |       | 6'               |        | 8'               |        | 9.6'             |        | 4'              | 6'               |

<sup>1</sup> This is our recommendation as the manufacturer. Check local codes for compliance if necessary.

<sup>2</sup> For comparison purposes only. Exact equivalent will depend on your climate.

## CIR Series | Infrared Heaters

**SunWarmth™** CIR heaters supply sun-like instant heat to warm objects without heating the space. Just as the sun's infrared light instantly warms you when you step from the shade into sunlight, a SunWarmth™ infrared heater gives you that same comfortable feeling. Unlike fan and convection heaters, a SunWarmth™ CIR heater heats the object, not the space. This provides maximum comfort and minimal energy usage in an outdoor situation, or anyplace where it is not necessary to heat an entire space.

The short-wave infrared technology in a SunWarmth™ CIR heater uses half the energy of heaters that rely on medium-wave infrared. SunWarmth™ CIR outdoor models are perfect for comfort or to extend the season on decks, patios, and balconies in homes or restaurants. SunWarmth™ CIR indoor heaters economically provide heat at a shop bench, production workstation, or patient treatment room – anyplace where comfort is needed without heating the entire space. They can even heat or dry materials used in production.



- › Instant heat as soon as it's switched on
- › Heats the object, not the surrounding air
- › Energy-efficient short-wave technology
- › Quiet and odorless

## CIR Series



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



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| 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) <sup>1</sup>     | 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 <sup>2</sup> | 108-133 sq. ft.                   | 108-133 sq. ft.             | 133-165 sq. ft.                         | 205-275 sq. ft.             |
| Average heat density <sup>3</sup>            | 13.9-11.3 W/ft <sup>2</sup>       | 13.9-11.3 W/ft <sup>2</sup> | 15-12.1 W/ft <sup>2</sup>               | 19.5-14.5 W/ft <sup>2</sup> |
| 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 1/4" / 108 mm             | 4 1/4" / 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             |

<sup>1</sup> CIR heaters must be installed on a circuit with a timer or timer switch.

<sup>2</sup> When installed as specified in installation manual.

<sup>3</sup> Heat input needed is 2 W/ft<sup>2</sup> per °F temp. rise for outdoors and .75 W/ft<sup>2</sup> 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.)

## What do you need to do?

|                                                                            | CK<br>Fan Heater | CKT<br>Fan Heater | CK Trend<br>Fan Heater | CNS-E<br>Convection Heater | CIR-I<br>Infrared Heater | CIR-O<br>Infrared Heater |
|----------------------------------------------------------------------------|------------------|-------------------|------------------------|----------------------------|--------------------------|--------------------------|
| Provide primary heat to a space                                            | ✓                | ✓                 | ✓                      | ✓                          |                          |                          |
| Provide supplemental heat to a room that already has heat?                 | ✓                | ✓                 | ✓                      | ✓                          | ✓                        | ✓                        |
| Find a replacement for baseboard heating?                                  |                  |                   |                        | ✓                          |                          |                          |
| Find the quickest way to heat a space?                                     | ✓                | ✓                 | ✓                      |                            | ✓                        | ✓                        |
| Draft-free heating?                                                        |                  |                   |                        | ✓                          | ✓                        | ✓                        |
| Boost heat temporarily though a timer (like in a bathroom in the morning)? |                  | ✓                 |                        |                            |                          | ✓                        |
| Heat people or objects in an area without heating the whole space?         |                  |                   |                        |                            | ✓                        | ✓                        |
| Heat a patio or deck?                                                      |                  |                   |                        |                            |                          | ✓                        |

## Features

|                                         | CK<br>Fan Heater | CKT<br>Fan Heater | CK Trend<br>Fan Heater | CNS-E<br>Convection Heater | CIR-I<br>Infrared Heater            | CIR-O<br>Infrared Heater            |
|-----------------------------------------|------------------|-------------------|------------------------|----------------------------|-------------------------------------|-------------------------------------|
| Timer boost function                    |                  | ✓                 |                        |                            | Must be installed with timer switch | Must be installed with timer switch |
| Frost protection setting (45°F / 7°C)   | ✓                | ✓                 | ✓                      | ✓                          |                                     |                                     |
| Can be controlled by central thermostat | ✓                |                   |                        | ✓                          |                                     |                                     |
| Operating noise                         | 49.7 dB(a)       | 49.7 dB(a)        | 49 dB(a)               | Silent                     | Silent                              | Silent                              |
| Thermostat temperature range            | 41-86°F (5-30°C) | 41-86°F (5-30°C)  | 45-95°F (7-35°C)       | 41-86°F (5-30°C)           | On/off only                         | On/off only                         |
| Can be installed outdoors               |                  |                   |                        |                            |                                     | ✓                                   |

## Stiebel Eltron Energy-Saving Water Heating Products



Efficient tankless electric water heaters

### Tankless Water Heating



Point-of-use Tankless



Whole House Tankless



Stiebel Eltron's plant in Holzminden, Germany.

Stiebel Eltron has been a world leader in the development of advanced water heating technology for more than 90 years. Our pursuit of engineering excellence and high-quality manufacturing results in products fulfilling the highest expectations of performance and reliability. They are...**Simply the Best.**

### Renewables



Solar hot water



Heat Pump Water Heaters



Low carbon, renewable energy domestic hot water systems

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