

# HELIOSA® HI DESIGN - HELIOSA 44

Stylish and efficient infrared heating from Italy

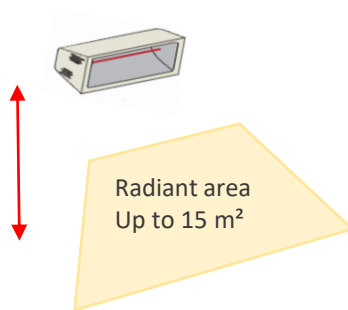
**Heliosa 44: 44MOB**  
**2000 watt heater**  
**White Part No: # 690062**  
**Grey Part No: # 690068**



Effective - Short wavelength light warms the person, not the room  
 Efficient – Ideal for open spaces where conventional heating is wasted on heating air that rises to the ceiling  
 Comfortable - amber light illuminates with a firelight glow  
 Stylish - curved lamp housing is adaptable to any modern décor  
 Versatile - for indoor or outdoor use  
 Long life - lamps run up to 7,000 hours

## Heliosa 44 Specification:

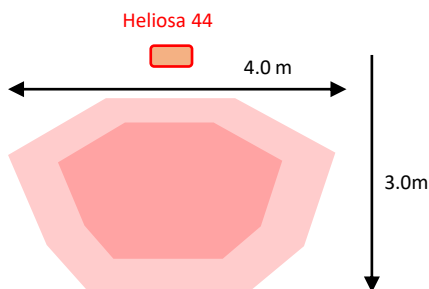
Working height  
 2.2 – 2.5 m



2000 watt amber heater IPX5  
 Housing: 46 x 14 x 16 cm, 1.6 kg, IPX5  
 Working height: 2.32- 2.5 m  
 For warming area: up to 15 m<sup>2</sup>  
 Includes SS grid, 5 m cable  
 Short bracket for wall mount

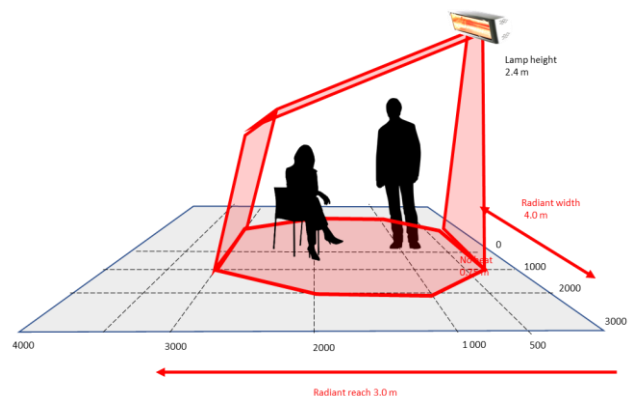
## Heliosa 44 Radiant Range:

Typical radiant area for an outdoor area with a roof and closed in on at least 3 sides.



For an open outdoor area with no roof, radiant output is reduced to 66%

Heliosa radiant output is like a flood light.



Radiant output has a strong centre that tapers off at the edges. There is no heat directly below the heater.

## Heater Mounting Options:

### Wall mount 30-45 °



Heater bracket installed between upper and lower tabs.

### Ceiling mount 30-45 °



Heater bracket installed outside upper tab.

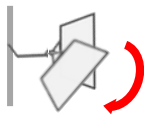
### Ceiling mount overhead



Heater can be mounted horizontal but undercover if outdoors.

## Adjusting tilt and swivel angles:

### Tilt range 0 - 45°



Tighten heater bolt to lock heater at desired angle.

### Swivel range - 30° to + 30°



Tighten bracket bolt to fix swivel angle.

### Standard Mounting brackets:

Heliosa 44 is usually installed with the short wall bracket:



Short wall bracket is included in the box .



Optional long bracket can be mounted in the upper position with two screws (not supplied).



For sites requiring more clearance from the roof then bracket can be installed in the lower position.



Long bracket:  
White # 690401  
Grey # 690402

### Installing the heater bracket:

The heater bracket is installed with the supplied long M8 bolt (Use 13 mm spanners).



Heater bracket is bolted to the mounting bracket with the supplied short M8 bolt (use 13 mm spanners).



### Heliosa 44 on the Scala Stand

Heliosa 44 can be installed on the Scala stand:  
White # 690302  
Grey # 690303

When outdoors and subject to wind gusts, use sand bags for stabilising base.

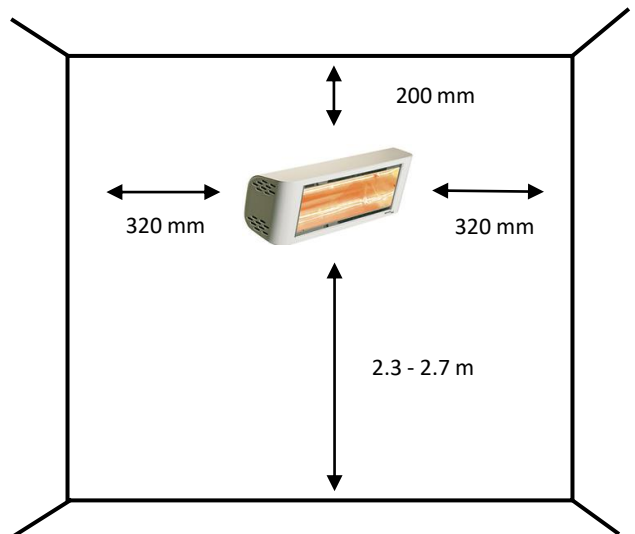


### Replacement Lamp

Heliosa 44 Infracalor  
2000 watt lamp:  
Amber # 690257



### Heliosa 44 Clearances



## Unpacking carton

Open box and lay sideways so thick foam section is on the bottom.



Grasp heater and gently pull out the heater and packaging.

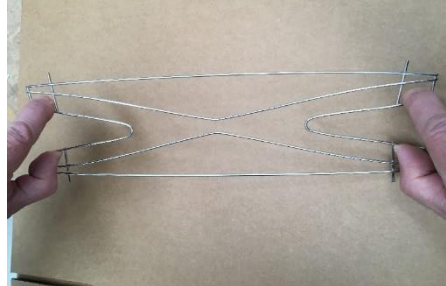


## Installing the grill:

Check grill prongs align with holes along reflector edges.



Grasp grill and squeeze to bend grill prongs inwards.



Insert lower prongs into lower edge then – squeezing grill – insert upper prongs into upper edge.



Centre the grill in reflector.



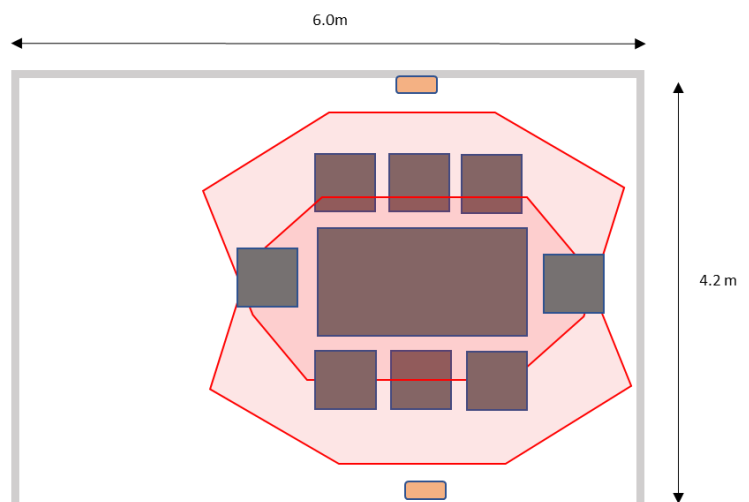
## Locating the heaters for optimum effect:

Draw floor plan to scale including the targeted “zones” of dining table and / or lounge suite.

Overlay floor plan with heater radiant range to ensure the target zone will be serviced.

Typical radiant range shown (3.0 m reach and 4.0 m width) is for an outdoor area with a roof and closed in on 3 sides.

For an outdoor area with no roof and open on all sides, radiant range is reduced by 33%.



## Electrical Requirements:

### Power Supply:

Each Heliosa 2000 watt heater has a running current of 8.4 amps.  
All halogen heaters have an inrush current on start up, so allow 20% capacity on circuit breaker.  
For a single heater, supply power from a 16 amp circuit.  
For two heaters, use individual circuits or a minimum 20 amp circuit.

### Power Connection:

We recommend heater cable be plugged into a socket to allow easy removal for cleaning or maintenance.

Regulations require the power outlet to be offset 200 mm away from the heater.



Power outlet to be offset from heater.

Heater cable can be cut to length as bundling is not permitted.



Do not bundle heater cables.

## Electrical Accessories:

Infresco soft start electronic timer:  
# 6902501



Power controllers (recommended when heaters are used indoors or enclosed areas.)

Infresco Power Controller IP65 (2 kW)  
Wall mount with control buttons  
# 690504



Infresco Power Controller IP65 (4 kW)  
Wall mount with control buttons  
# 690505



Star Progetti Star 6 Power Controller IP65 (6 kW)  
Wall mount with toggle button and remote  
# 690351A



Star Progetti Star 7 Power Controller with Bluetooth IP65 (4.4 kW) Wall mount with phone control  
# 690356



**SBH SOLUTIONS**

Supplied by SBH Solutions, 3 Ballantyne Street, Magill, SA 5072 / PHONE: (08) 7122 1114  
EMAIL: [info@sbhsolutions.com.au](mailto:info@sbhsolutions.com.au) / [www.sbhsolutions.com.au](http://www.sbhsolutions.com.au)