



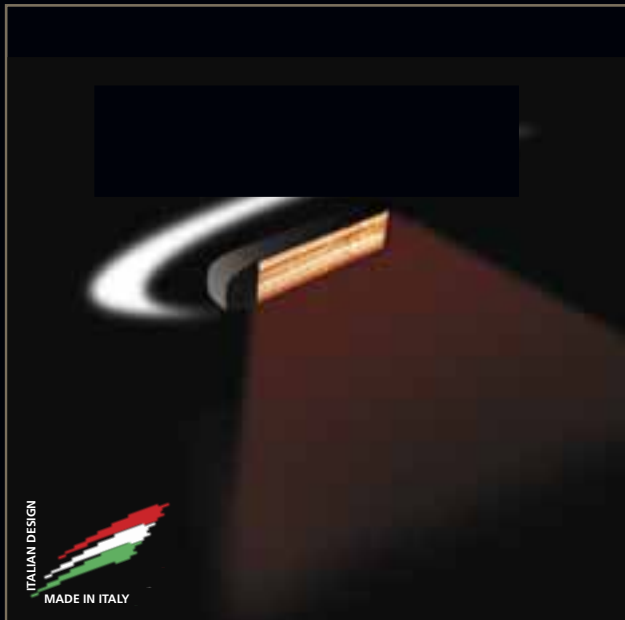
STAR PROGETTI

Tecnologie Applicate Spa

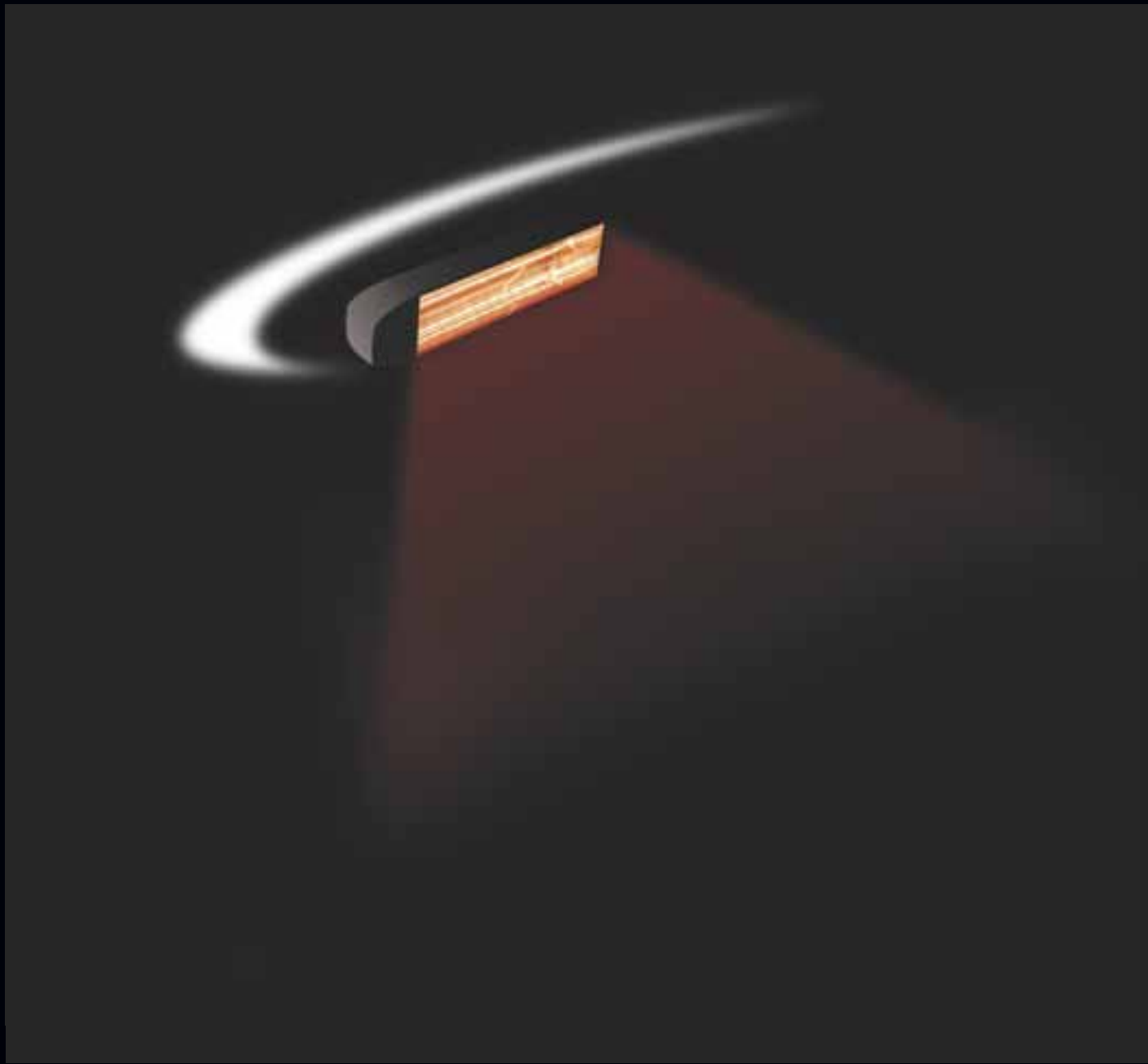
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DESIGN, HIGH TECHNOLOGY HEAT AND ENERGY SAVING MADE IN ITALY



DESIGN, HIGH TECHNOLOGY HEAT AND ENERGY SAVING MADE IN ITALY

HIGH TECHNOLOGY, CONTEMPORARY DESIGN AND WARMTH WITH ENERGY SAVINGS

Star Progetti, a leading international manufacturer of infrared heating equipment since 1993, has created a new line of electric heaters that encompasses the latest research findings in the infrared sector, into a single elegant design. The advanced technological characteristics of this range generate greater heat distribution with reduced energy consumption, and are in line with energy saving requirements.



Star Progetti, a leading international manufacturer of infrared heating equipment since 1993

ITALIAN INDUSTRIAL DESIGN MADE IN ITALY

This exclusive, modern design was created by Design Engineer Mauro Cozzi of Milan. The HELIOSA® HI DESIGN line has a soft, charming, rounded shape, which suits any type of furnishing. The heater's colour, White Carrara (RAL 9016), is very modern and completes the irresistible charm of these models. Each heater has been designed to provide different heat requirements, in order to be suitable for all room types and compliments the most elaborate types of furnishing.



Arch. Mauro Cozzi

BENEFITS OF THE HELIOSA® HI DESIGN HEATER RANGE

Choose the heater which most suits your heating requirements and style.

- Instant Heat
- Uniform, localised, zonal heating - only where it's necessary!
- No warming up required
- Fully directional
- Clean - no combustion or odours
- Unaffected by wind
- Does not cause dust
- Energy savings of up to 60% against other heating methods
- Very good value
- All the appliances are tested one by one and certified
- HELIOSA® HI DESIGN short wave infrared waves display benefits for the human body and therefore have no contraindications. Equipments with similar characteristics are also used in the electro-medical sector

HELIOSA® HI DESIGN – INNOVATIVE TECHNOLOGY FOR INFRARED HEATERS

HELIOSA® HI DESIGN heaters produce heat via short wave infrared rays, which is radiated at maximum power a second after being switched on. In order to achieve the exceptional performance (+ 30% if compared with the previous models) of these heaters, Star Progetti has created heaters with exclusive, patented, parabolic reflectors which provide class leading heat performance whilst using less electricity. These appliances provide a very powerful heat source, with uniformity and directionality. These characteristics make the HELIOSA® HI DESIGN range one of the best performing and elegant heater ranges available.

HELIOSA® HI DESIGN, A DIFFERENT HEATER FOR EACH SITUATION

HELIOSA® HI DESIGN is a registered trademark of STAR PROGETTI's heaters

HELIOSA® HI DESIGN HEATS WITH MORE POWER... ELEGANCE AND...

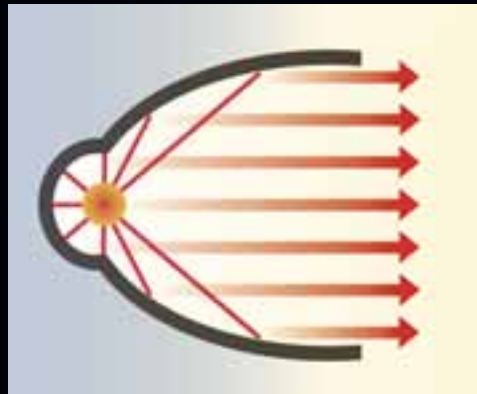
HELIOSA® HI DESIGN heaters optimise short wave infrared energy by means of computer designed parabolic reflectors. These are fundamental to the high performance of our heaters. In our heaters more than 60% of the heat is generated by the reflector and 40% by the tube. This is because heat radiation obeys the laws of optics both in terms of reflection and refraction. Star Progetti has designed and produced a full range of special reflectors that optimise infrared performance using different reflectors tailored to the heaters application. Star Progetti reflector technology is the result of detailed theoretical research and experimentation. This wealth of experience in the study of refraction has led to the development of our high performance symmetrical reflectors, providing measurable energy savings.

...GREAT SAVINGS

One of the most significant benefits of the HELIOSA® HI DESIGN line is the ability to divide the system over several areas, even small areas, with different operating temperatures, a function which is impossible with traditional systems. With HELIOSA® HI DESIGN heaters it is possible to heat an individual workplace or area with exclusive, immediate efficiency.



Low consumption, high ambient temperature guarantee. Designed by the Star Progetti group. Models registered.



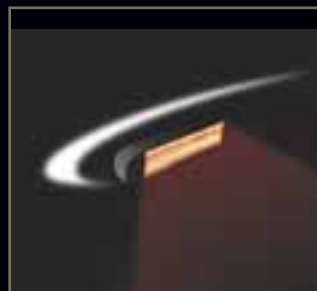
HELIOSA® HI DESIGN is a registered trademark of STAR PROGETTI's heaters

HELIOSA® HI DESIGN HEATERS ARE IDEAL FOR ZONAL HEATING, HEAT ALL YOUR FAVORITE PLACES, FOR AS LONG AS YOU LIKE, AT THE FLICK OF A SWITCH

- Houses, basements, patios
- Inside/outside work areas
- Changing rooms, sports and fitness areas
- Terraces, open outdoor areas
- Winter gardens, verandas
- Under umbrellas, outdoor bar areas and gazebos
- Restaurants, hotels and pubs
- Historical buildings, castles, ancient villas, farmhouses
- Health spas, swimming pools
- Churches, vestries, meeting rooms, offices
- Showrooms, exhibition halls, boutiques, shops, markets
- Huts, chalets and to complement inadequate heating
- First-aid areas, hospitals, garages
- Golf courses, campsites
- Ski resorts

HELIOSA® HI DESIGN RANGE GIVES YOU:

- + HEAT
- + ENERGY SAVING
- + ECOLOGY
- ENERGY CONSUMPTIONS



HELIOSA®
HI DESIGN 11



HELIOSA®
HI DESIGN 22



HELIOSA®
HI DESIGN 33



HELIOSA®
HI DESIGN 44



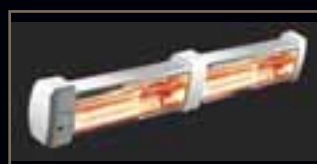
HELIOSA®
HI DESIGN 55



HELIOSA®
HI DESIGN 66



HELIOSA®
HI DESIGN 77



HELIOSA®
HI DESIGN 88



HELIOSA 11 - 2000 WATT IP 20 (cod. 11B20 / 11FM20)

- Revolving model for wall or mobile stand installation (optional see page 31)
- For inside areas or weather protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - 5 m electric cable with switch
 - schuko plug
 - stainless steel grid
 - wall bracket and mobile stand
- Max installation height 1.90-2.20 m
- Colours White Carrara RAL 9016 (cod. 11B20) or Cast Iron (cod. 11FM20)
- Heated area approximately 12-15 m² (*see page 33)

HELIOSA 11 - 1500 WATT IPX5 WATERPROOF (cod. 11BX5)

- Revolving model with support for attachment under umbrellas, canopies and to walls
- Suitable for installations under parasols by means of a special bracket
- Power 1500 Watts
- IPX5 protection rating - Totally protected against rain and water sprays (European Patent Pending)
- Accessories provided:
 - 1.5 m electrical cable
 - stainless steel grid
 - support for attachment under umbrellas and for wall mounting
 - support for attachment under canopies (optional see page 30)
- Max installation height 2.00-2.30 m
- Colour White Carrara RAL 9016
- Heated area roughly 12-15 m² (*see page 33)



DIMENSIONS	45,5x13x9	cm
PACKAGING	50,5x21x14,5	cm
NET WEIGHT	1,00	kg
GROSS WEIGHT	1,90	kg
PALLETT	96 pcs.	
BAR CODE	8025947102800	(cod. 11B20 White Carrara)
	8025947102824	(cod. 11FM20 Cast Iron)
	8025947102817	(cod. 11BX5 White Carrara)





SA design®



HELIOSA 22 - 1500 WATT IP 20 (cod. 22B15)

- Revolving model for wall fixing
- For inside areas or protected outside areas
- Power 1500 Watts
- IP 20 protection rating
- Accessories provided:
 - stainless steel grid
 - wall bracket
- Max installation height 2.20-2.30 m
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

HELIOSA 22 - 2000 WATT IP 20 (cod. 22B20)

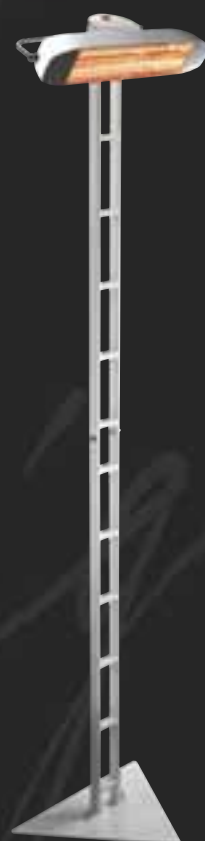
- Revolving model for wall fixing
- For inside areas or protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - stainless steel grid
 - wall bracket
- Max installation height 2.20-2.30 m
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

HELIOSA 22 - 2000 WATT IP 20 (cod. 22BMOB)

- Model for mobile stand (optional see page 31)
- For inside areas or protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - 5 m electric cable with switch
 - schuko plug
 - stainless steel grid
 - mobile stand bracket
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

DIMENSIONS	49x19x9	cm
PACKAGING	50,7x24x21,5	cm
NET WEIGHT	1,47	kg
GROSS WEIGHT	2,37	kg
PALLET	49 pcs.	
BAR CODE	8025947102831 (cod. 22B15 White Carrara)	
	8025947102848 (cod. 22B20 White Carrara)	
	8025947102855 (cod. 22BMOB White Carrara)	





HELIOSA *Hi Design*

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33

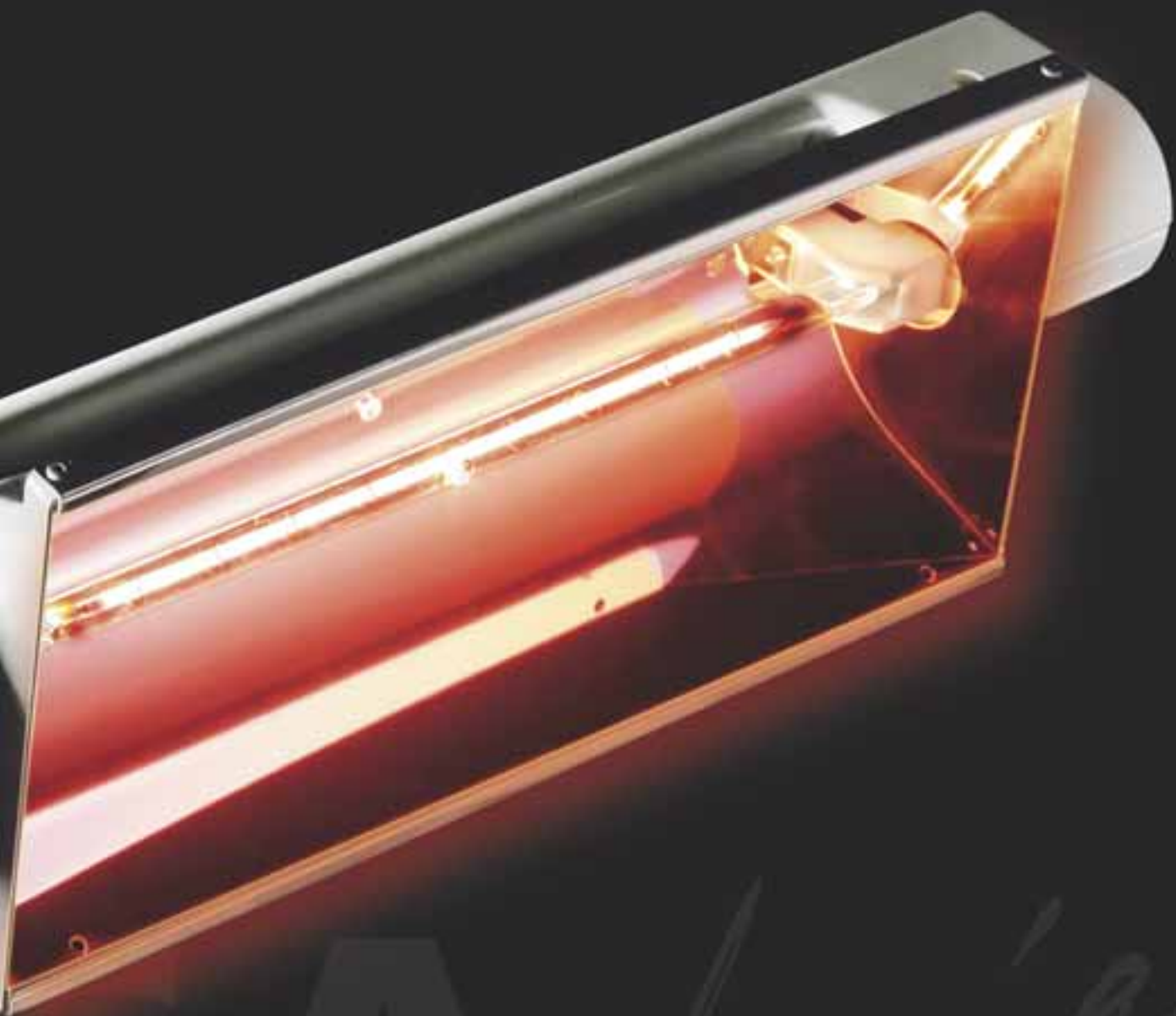


HELIOSA 33 - 1300 WATT IP 20 (cod. 33B13)

- Revolving model for wall or mobile stand installation (optional see page 31)
- For inside areas or protected outside areas
- Power 1300 Watts - **BULB WITH R7S CAPS**
- Wide reflector
- IP 20 protection rating
- Accessories provided:
 - 5 m electrical cable, switch on unit
 - schuko plug
 - grid
 - wall attachment and mobile stand bracket
- Max installation height 1.90-2.20 m
- Colour Cream RAL 1013
- Heated area roughly 15 m² (*see page 33)

DIMENSIONS	43,5x12x13,5	cm
PACKAGING	44x20x20	cm
NET WEIGHT	1,10	kg
GROSS WEIGHT	2,00	kg
PALLET	64 pcs.	
BAR CODE	8025947102862	





SARADesign®



HELIOSA 44 - 1500 WATT IP 20 (cod. 44B15)

- Revolving model for wall installation
- For inside areas or protected outside areas
- Power 1500 Watts
- IP 20 protection rating
- Accessories provided:
 - 1.5 m electrical cable
 - stainless steel grid
 - wall bracket
- Max installation height 2.30-2.50 m
- Colour White Carrara RAL 9016
- Heated area roughly 20 m² (*see page 33)

HELIOSA 44 - 2000 WATT IP 20 (cod. 44B20)

- Revolving model for wall installation
- For inside areas or protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - 1.5 m electrical cable
 - stainless steel grid
 - wall bracket
- Max installation height 2.30-2.50 m
- Colour White Carrara RAL 9016
- Heated area roughly 20-25 m² (*see page 33)

HELIOSA 44 - 2000 WATT IP 20 (cod. 44BMOB / 44FMOB)

- Model for mobile stand (optional see page 31)
- For inside areas or protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - 5 m electric cable with switch
 - schuko plug
 - stainless steel grid
 - mobile stand bracket
- Colour White Carrara RAL 9016 (cod. 44BMOB)
or Cast Iron (cod. 44FMOB)
- Heated area roughly 20-25 m² (*see page 33)

DIMENSIONS	45,5x14x15,7	cm
PACKAGING	49,5x26,5x21	cm
NET WEIGHT	1,60	kg
GROSS WEIGHT	2,50	kg
PALLETT	42 pcs.	
	8025947102879 (cod. 44B15 White Carrara)	
BAR	8025947102886 (cod. 44B20 White Carrara)	
CODE	8025947102893 (cod. 44BMOB White Carrara)	
	8025947102909 (cod. 44FMOB Cast Iron)	





STRA design®



HELIOSA *Hi design*

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55

HELIOSA 55 - 1500 WATT IP 20 (cod. 55B15)

- Revolving model for wall installation
- For inside areas or protected outside areas
- Power 1500 Watts
- IP 20 protection rating
- Accessories provided:
 - 1.5 m electrical cable, stainless steel grid
 - wall bracket
- Max installation height 2.50-2.80 m
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

HELIOSA 55 - 2000 WATT IP 20 (cod. 55B20)

- Revolving model for wall installation
- For inside areas or protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - 1.5 m electrical cable, stainless steel grid
 - wall bracket
- Max installation height 2.50-2.80 m
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

HELIOSA 55 - 1500 WATT IPX5 WATERPROOF (cod. 55BX5 / 55FMX5)

- Revolving model with wall bracket and mobile stand (optional see page 31)
- For outdoor areas
- Power 1500 Watts
- IPX5 protection rating - Totally protected against rain and water sprays (European Patent Pending)
- Accessories provided:
 - 5 m electrical cable, schuko plug
 - stainless steel grid, wall and mobile stand bracket
- Max installation height 2.50-2.80 m
- Colour White Carrara RAL 9016 (cod. 55BX5) or Cast Iron (cod. 55FMX5)
- Heated area roughly 15-20 m² (*see page 33)



HELIOSA 55 - 2000 WATT IP20 (cod. 55BMOB / 55FMOB)

- Model for mobile stand (optional see page 31)
- For inside areas or protected outside areas
- Power 2000 Watts
- IP20 protection rating
- Accessories provided:
 - 5 m electrical cable with switch, schuko plug
 - stainless steel grid, support for attachment to mobile stand
- Colour White Carrara RAL 9016 (cod. 55BMOB) or Cast Iron (cod. 55FMOB)
- Heated area roughly 15-20 m² (*see page 33)

DIMENSIONS	46,5x14x22	cm
PACKAGING	51,7x32,3x21,5	cm
NET WEIGHT	1,90	kg
GROSS WEIGHT	2,80	kg
PALLET	35 pcs.	
BAR CODE	8025947102916 (cod. 55B15 White Carrara)	
	8025947102923 (cod. 55B20 White Carrara)	
	8025947102930 (cod. 55BX5 White Carrara)	
	8025947102961 (cod. 55FMX5 Cast Iron)	
	8025947102947 (cod. 55BMOB White Carrara)	
	8025947102954 (cod. 55FMOB Cast Iron)	





STADLER®



HELIOSA *Hi Design*

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66

HELIOSA 66 - 1500 WATT IP20 (cod. 66B15)

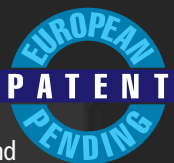
- Revolving model with attachment support
- For inside areas or protected outside areas
- Power 1500 Watts
- IP20 protection rating
- Accessories provided:
 - 1.5 m electrical cable, stainless steel grid
 - wall bracket
- Max wall installation height 2.50-2.80 m
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

HELIOSA 66 - 2000 WATT IP20 (cod. 66B20)

- Revolving model with wall bracket
- For inside areas or protected outside areas
- Power 2000 Watts
- IP20 protection rating
- Accessories provided:
 - 1.5 m electrical cable, stainless steel grid
 - wall bracket
- Max wall installation height 2.70-3.00 m
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

HELIOSA 66 - 1500 WATT IPX5 WATERPROOF (cod. 66BX5 / 66FMX5)

- Revolving model with wall bracket and mobile stand (optional see page 31)
- For outdoor areas
- Power 1500 Watts
- IPX5 protection rating - Totally protected against rain and water sprays (European Patent Pending)
- Accessories provided:
 - 5 m electrical cable, schuko plug, stainless steel grid
 - wall bracket and support for attachment to mobile stand
- Max wall installation height 2.50-2.80 m
- Colour White Carrara RAL 9016 (cod. 66BX5) or Cast Iron (cod. 66FMX5)
- Heated area roughly 15-20 m² (*see page 33)



HELIOSA 66 - 2000 WATT IP20 (cod. 66BMOB / 66FMOB)

- Model for installation on mobile stand (optional see page 31)
- For inside areas or protected outside areas
- Power 2000 Watts
- IP20 protection rating
- Accessories provided:
 - 5 m electrical cable with switch, schuko plug, stainless steel grid
 - support for attachment to mobile stand
- Colour White Carrara RAL 9016 (cod. 66BMOB) or Cast Iron (cod. 66FMOB)
- Heated area roughly 18-25 m² (*see page 33)

DIMENSIONS	51x16x21,5	cm
PACKAGING	56x32x21,5	cm
NET WEIGHT	2,10	kg
GROSS WEIGHT	3,00	kg
PALLET	35 pcs.	
	8025947102985 (cod. 66B15 White Carrara)	
	8025947102992 (cod. 66B20 White Carrara)	
BAR	8025947102978 (cod.66BX5 White Carrara)	
CODE	8025947103005 (cod. 66FMX5 Cast Iron)	
	8025947103012 (cod. 66BMOB White Carrara)	
	8025947103029 (cod. 66FMOB Cast Iron)	





SAA *design*®





HELIOSA 77 - 1500 WATT IP20 (cod. 77B15T)

- Revolving model for wall installation or for installation on SCALA mobile stand in steel
- For inside areas or protected outside areas
- Power 1500 Watts - **BULB WITH R7S CAPS**
- IP20 protection rating
- Accessories provided:
 - 5 m electrical cable and schuko plug
 - remote control with power on 50% - 100% - STOP, reduction on energy consumptions, soft start
 - stainless steel grid
 - wall bracket
- Max wall installation height 2.30-2.50 m
- Colour White Carrara RAL 9016
- Heated area roughly 15-20 m² (*see page 33)

DIMENSIONS	47,5x14x15,5	cm
PACKAGING	52,5x21,5x21,5	cm
NET WEIGHT	1,70	kg
GROSS WEIGHT	2,60	kg
PALLET	49 pcs.	
BAR CODE	8025947103036	





Remote
Controller





HELIOSA 88 - 3000 WATT IP20 (cod. 88B30)

- Revolving model with wall bracket
- For inside areas or protected outside areas
- Power 3000 Watts (2x1500 Watts) - **BULB WITH R7S CAPS**
- IP20 protection rating
- Accessories provided:
 - remote control with power on 50% - 100% -STOP, reduction on energy consumptions, soft start
 - stainless steel grid
 - wall bracket
- Max wall installation height 3.00 m
- Colour White Carrara RAL 9016
- Heated area roughly 20-25 m² (*see page 33)

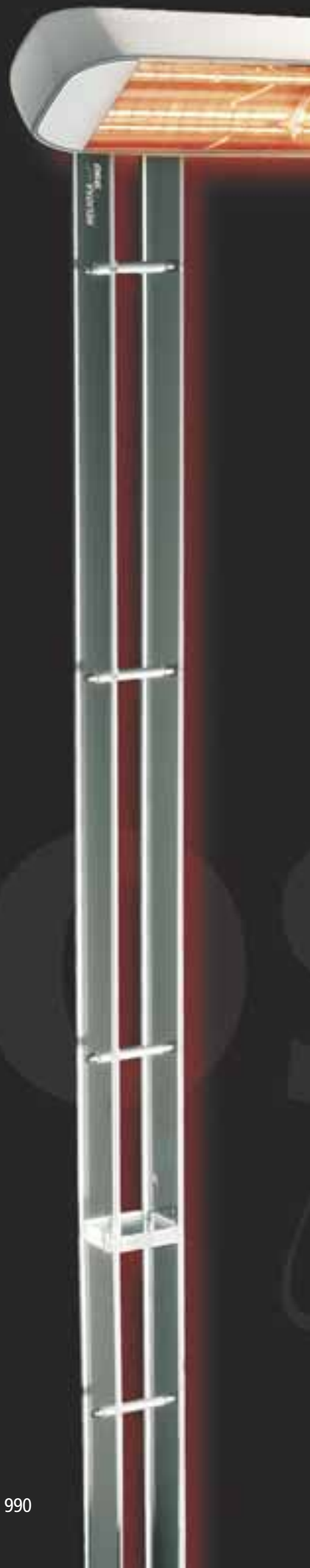
DIMENSIONS	89x15x15,5	cm
PACKAGING	95,5x21,3x21	cm
NET WEIGHT	3,00	kg
GROSS WEIGHT	3,90	kg
PALLET	24 pcs.	
BAR CODE	8025947103043	





Remote
Controller





HELIOSA 990 - 2000 WATT IP 20 (cod. 990)

- Model on mobile stand complete with HELIOSA® 11 heater, Scala support in transparent polycarbonate and basis in steel colour white.
- For inside areas or protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - 5 m electric cable with switch
 - schuko plug
 - stainless steel grid
 - support for attachment to mobile Scala support
- Unit colour White Carrara RAL 9016
- Support in transparent polycarbonate
- Heated area roughly 12-15 m² (*see page 33)

HELIOSA 991 - 2000 WATT IP 20 (cod. 991) White Carrara

HELIOSA 992 - 2000 WATT IP 20 (cod. 992) Cast Iron

- Model on mobile stand complete with HELIOSA® 11 heater and Scala support in steel
- For inside areas or protected outside areas
- Power 2000 Watts
- IP 20 protection rating
- Accessories provided:
 - 5 m electric cable with switch
 - schuko plug
 - stainless steel grid
 - support for attachment to mobile stand
- Heater and Scala support colour White Carrara RAL 9016 (cod. 990)
- Heater and Scala support colour Cast Iron (cod. 991)
- Heated area roughly 12-15 m² (*see page 33)

UNIT DIMENSIONS	45,5x13x9	cm
BASIS OVERALL DIMENSIONS	50x38	cm
SCALA SUPPORT WIDTH	9	cm
HEIGHT	213	cm
THE "SCALA" SUPPORT CONSISTS OF N. 3 PIECES.		
PACKAGING	107x44x10	cm (support)
	50,5x21x14,5	cm (heater)
NET WEIGHT	9,60 kg	(cod. 990)
GROSS WEIGHT	10,50 kg	(cod. 990)
NET WEIGHT	12,40 kg	(cod. 991-992)
GROSS WEIGHT	13,30 kg	(cod. 991-992)
PALLETT	21 pcs.	
BAR CODE	8025947103050 (cod. 990)	
	8025947103067 (cod. 991)	
	8025947103074 (cod. 992)	



HELIOSA *by design*
by S&P PROGETTI
991

HELIOSA *by design*
by S&P PROGETTI
992



Cod. 991

Cod. 992





THE FLEXIBLE ARMS ENABLE
 TO DIRECT THE HEATERS
 TOWARDS THE DESIRED ZONES

HELIOSA 993 - 3000 WATT IP X5
 WATERPROOF (cod. 993)

- Completely revolving model, with adjustable height and flexible arms: you can direct the infrared rays to the exact areas where and when required
- For outdoor areas
- Power 3000 Watts (2x 1500 Watts)
- IPX5 protection rating - Totally protected against rain and water sprays (European Patent Pending)
- Accessories provided:
 - 4 m electrical cable
 - schuko plug
 - single power-on button on pole
- Anti-tilt device – cuts power if knocked over
- Heaters and structure in steel colour Cast Iron
- Heated area roughly 22-24 m² (*see page 33)



UNIT DIMENSIONS	45.5x13x9	cm
HEIGHT	210	cm
PACKAGING	29x49x105	cm
NET WEIGHT	18,00	kg
GROSS WEIGHT	22,20	kg
PALLET	7 pcs.	
BAR CODE	8025947103081	





HELIOSA 994 - 2000 WATT IP 20 (cod. 994)

- Model on mobile stand complete with HELIOSA® 66 heater
- For inside areas or protected outside areas
- Power 2000 Watts
- IP20 protection rating
- Accessories provided:
 - 5 m electrical cable with switch
 - schuko plug
- Giraffa Support colour Cast Iron
- Heated area roughly 18-25 m² (*see page 33)

UNIT DIMENSIONS	51x16x21,5	cm
BASIS OVERALL DIMENSIONS	50x50	cm
HEIGHT	236	cm
PACKAGING	110x30x14	cm (support)
	56x32x21,5	cm (heater)
NET WEIGHT	15,00	kg
GROSS WEIGHT	17,00	kg
PALLETT	16 pcs.	
BAR CODE	8025947103098	

HELIOSA 995 - 2000 WATT IP 20 (cod. 995)

- Model on mobile stand complete with HELIOSA® 55 heater
- For inside areas or protected outside areas
- Power 2000 Watts
- IP20 protection rating
- Accessories provided:
 - 5 m electrical cable with switch
 - schuko plug
- Giraffa Support colour Cast Iron
- Heated area roughly 15/20 m² (*see page 33)

UNIT DIMENSIONS	46,5x14x22	cm
BASIS OVERALL DIMENSIONS	50x50	cm
HEIGHT	234	cm
PACKAGING	110x30x14	cm (support)
	51,7x32,3x21,5	cm (heater)
NET WEIGHT	14,90	kg
GROSS WEIGHT	16,80	kg
PALLETT	16 pcs.	
BAR CODE	8025947103104	



Cod. 994



HELIOSA *by design*
995



Cod. 995



Cod. 996

HELIOSA 996 - 3000 WATT IP 20 (cod. 996) White Carrara
HELIOSA 997 - 3000 WATT IP 20 (cod. 997) Cast Iron

- Model complete with 2 HELIOSA® 11 heaters and revolving, flexible arms
- For inside areas or protected outside areas
- Power 3000 Watts (2x 1500 Watts)
- IP20 protection rating
- Accessories provided:
 - wall bracket, 2 ON/OFF switches
- Structure in steel colour White Carrara RAL 9016 (cod. 996) or Cast Iron (cod. 997)
- Heated area roughly 22-24 m² (*see page 33)

HEATER DIMENSIONS	45,5x13x9	cm
ARM OPENING	100	cm
PROJECTING FROM WALL	43	cm
PACKAGING	47x47x24	cm
NET WEIGHT	3,80	kg
GROSS WEIGHT	4,80	kg
PALLETT	21 pcs.	
BAR CODE	8025947103111 (cod. 996 White Carrara) 8025947103128 (cod. 997 Cast Iron)	

HELIOSA 998 - 1500 WATT IP 20 (cod. 998) White Carrara
HELIOSA 999 - 1500 WATT IP 20 (cod. 999) Cast Iron

- Model complete with HELIOSA® 11 heater and revolving, flexible arm
- For inside areas or protected outside areas
- Power 1500 Watts
- IP20 protection rating
- Accessories provided:
 - wall bracket, ON/OFF switch
- Structure in steel colour White Carrara RAL 9016 (cod. 998) or Cast Iron (cod. 999)
- Heated area roughly 15-20 m² (*see page 33)

HEATER DIMENSIONS	45,5x13x9	cm
PROJECTING FROM WALL	40	cm
PACKAGING	47x47x12	cm
NET WEIGHT	2,20	kg
GROSS WEIGHT	3,20	kg
PALLETT	16 pcs.	
BAR CODE	8025947103135 (cod. 998 White Carrara) 8025947103142 (cod. 999 Cast Iron)	

Cod. 999



HELIOSA *by design*
BY STAR PROGETTI **997**

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THE FLEXIBLE ARMS ENABLE
TO DIRECT THE HEATERS TOWARDS
THE DESIRED ZONES



HELIOSA® HI DESIGN ACCESSORIES

SUPPORT FOR ATTACHING UNDER UMBRELLA, UNDER CANOPY AND STRUCTURES



BRACKET FOR INSTALLATION ON A ROUND POLE OR SQUARE POLE OF A PARASOL

Colour White Carrara RAL 9016
 Opening up to mm 66 (cod. 101B)
 Opening up to mm 100 (cod. 102B)



JOINT FOR FIXING THE APPLIANCE UNDER CANOPIES, PARASOLS AND STRUCTURES

Dimensions 15x5x4,7 cm
 Connection for the parasol rib up to mm 41
 Colour White Carrara RAL 9016 (cod. 103B)



JOINT FOR FIXING THE APPLIANCE UNDER CANOPIES, PARASOLS AND STRUCTURES

Dimensions 30x5x4,7 cm
 Connection for the parasol rib up to mm 41
 Colour White Carrara RAL 9016 (cod. 104B)



"TRIS" BRACKET FOR FIXING N. 3 APPLIANCES TO THE POLE OF THE PARASOL, CAN BE OPENED BY HINGE

Round pole from cm 4 to cm 13
 Square pole from cm 4x4 to cm 8x8
 White Carrara RAL 9016 (cod. 105B)



BRACKET FOR WALL MOUNTING AND UNDER CANOPIES

Dimensions 15x9x3 cm
 Colour White Carrara RAL 9016 (cod. 106B)



SUPPORT FOR INSTALLATION OF THE APPLIANCE ON OASIdehor® SYSTEM

The support is inserted into the screen profile.
 Dimensions 50x4x4 cm
 Colour White Carrara RAL 9016 (cod. 107B)
 Colour Cast Iron (cod. 107FM)

POWER REGULATOR

POWER REGULATOR

Specific to instantly adjust the heat output of HELIOSA® HI DESIGN appliances

TECHNICAL FEATURES

- Easy to install: directly in the wall socket or in the electrical board
- Temperature maximization
- Device for reduction of power consumption
- Built-in antiparassite filter EMC electromagnetic compatibility EMC (compulsory according to CE regulations)
- Protection against power intermittance
- Possibility of connection to a timer
- Possibility of connection to a thermostat for temperature control
- Possibility of connection to a presence detector

STAR 1

- Power regulator: from 0 to 2000 Watts
- For wall socket
- Weight: 0,410 kg
- Dimensions: 6x13,5x6 cm
- cod. STAR1EX



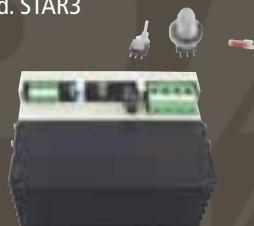
STAR 2

- Power regulator: from 0 to 4000 Watts
- For switchboard
- Weight: 0,870 kg
- Dimensions: 9x10,5x12 cm
- cod. STAR2



STAR 3

- Power regulator: from 0 to 8000 Watts
- For switchboard
- Weight: 1,340 kg
- Dimensions: 9x16x12 cm
- cod. STAR3



STAR 4

- Power regulator: up to 3000 Watts
- For wall socket and for switchboard
- Weight: 0,410 kg
- Dimensions: 21x7,5x8,5 cm
- cod. STAR4NEW



STAR 5

- Power regulator: from 0 to 9000 Watts
- For switchboard
- Weight: 1,230 kg
- Dimensions 9x16x12 cm
- cod. STAR5



Presence detector for the automatic start of the heater

- Power detected (max): 3.0 kW
- Colour: black
- Detection radius: 220 degrees
- 220-240 V
- Dimensions 15x15x8 (cm)
- cod. ST13



MOBILE SUPPORTS

The SCALA and GIRAFFA supports, which are very refined and slender, have been designed to enhance the characteristics of the HELIOSA® HI DESIGN heaters, perfectly complementing any type of furnishing. These supports are for both indoor and outdoor use of the appliance. Thanks to their design, they perfectly suit every kind of environment and every kind of furnishing. The mobile supports are suitable for any HELIOSA® model, except for model n.88

SCALA SUPPORT

- Support and base in polyester powder coated steel in White Carrara RAL 9016 colour (code 201B)
- Support and base in polyester powder coated steel in micaceous iron colour (code 201FM)
- Support in transparent polycarbonate and base in polyester powder coated steel in White Carrara RAL 9016 colour (code 201PL)
- Triangular base 50x38 cm
- Structure width 8 cm
- Support height 213 cm

GIRAFFA SUPPORT

- Support and base in polyester powder coated steel in micaceous iron colour
- Base dimensions 50x50 cm
- Support height 2,20 m
- code GIRAFFA



INFRARED IRK BULBS



- 1300 Watt IP20 R7S CAPS
- 1500 Watt IP20 R7S CAPS
- 1500 Watt IPX5
- 1500 Watt IP20 SK15 CAPS
- 2000 Watt IP20 SK15 CAPS



ADVICE ON CORRECT INSTALLATION TO OBTAIN MAXIMUM COMFORT

All HELIOSA® HI DESIGN heaters have been manufactured in robust die-cast aluminium, painted with thermoplastic paint for outdoor use. Some models are specifically for use in areas exposed to wet conditions, in the rain and under sprays of water * (IP X5).

To obtain the maximum comfort from HELIOSA® HI DESIGN range, choosing the correct heater for the application and correct installation, are very important. Every heater has a description of its heat capacity (power), area covered, and recommended installation height.

These details can be useful for choosing the most suitable model for your requirements. The simplest setup is like a lighting installation, as the heaters must be connected to the wall and focussed onto the area where heat is required. The lighting installation involves several distributed sources to create uniform illumination without shadows, rather than one large light source. The same technique is recommended for the installation of HELIOSA® HI DESIGN heaters. The orientation of the heaters is very important for obtaining the desired results. In the hospitality sector it should be remembered that the longer the clients' stay, the greater the quantity of heat radiated should be.

Moreover, the quantity of heat radiation will be greater where there are high rates of humidity. From the designs it is possible to verify the differences between a traditional hot air system and the HELIOSA® HI-DESIGN heaters, and ascertain that the heat produced has the characteristics and

quality of solar heating - it is ecological heating. The diagrams show how the HELIOSA® HI DESIGN heaters should be installed in order to obtain the best results. The importance of covering the area to be heated as uniformly as possible is evident. Furthermore, vertical ceiling heating is not recommended as only the upper part of the body would be heated, causing discomfort.

Therefore ceiling heating should be installed in a diagonal fashion, in order to obtain the best results (see ceiling design).

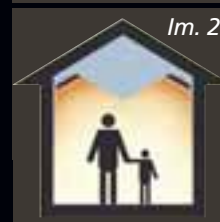


*IPX5 protection level = Protected against water jets



TRADITIONAL HOT AIR SYSTEM

Hot air rises, is arranged into layers and is lost through openings, and people remain in the cold air, with resulting high costs.



HELIOSA® HI DESIGN

Heat is directed and maintained in desired areas, without losses, as with light.

It is thus possible to obtain solar quality heating, a comfortable environment, no noise and dust and just as long as you wish, with considerable energy saving.

* HEATED AREAS

The heated areas indicated can vary according to the installation height, the environmental conditions and the synergy produced when several heaters installed. In the latter case results can be significantly higher.

WALL MOUNTING

This is the most frequent type of installation, enabling to place the appliance in a non-invasive way in its surroundings. All models are supplied with a directional bracket for this kind of installation.

INSTALLATION ON MOBILE STANDS

The HELIOSA® HI DESIGN line includes mobile models with floor stands. The various models enable mobile heating placed near a wall without having to install specific electrical systems. Furthermore, they can easily be used in different areas according to requirements. (pag.31).

INSTALLATION UNDER UMBRELLAS AND CANOPIES

There are specific models for these installations and suitable coupling accessories outlined for each model (pag.30).

ACCESSORIES

The HELIOSA® HI DESIGN line is complete with specific accessories such as power regulators with various characteristics and presence detectors for automatic start (pag.30).

DURATION OF InfraCalor® BULBS

All units are equipped with special InfraCalor® bulbs, designed for specific requirements. Bulbs for external use in areas exposed to weather conditions are a Star Progetti patent. InfraCalor® bulbs have a very long lifetime of roughly 5000 hours and over, depending on the characteristics of use.



INSTALLATION DIAGRAMS OF HELIOSA® HI DESIGN HEATERS (Im. 3)

In the angles



Wall Mounting



Alternating wall Mounting



Ideal Positioning hanging from the ceiling

STAINLESS STEEL PROTECTION GRIDS

All units are provided with protection grids which may be necessary if the unit is installed at a height lower than 2 m.

HELIOSA® HI DESIGN: TECHNICAL FEATURES

MODELS	CODE	POWER (Watt)	PROTECTION RATING	COLOUR	SPECIFIC FOR MOBILE SUPPORT	DIMENSIONS (cm)	NET WEIGHT (kg)	BAR CODE	
	HELIOSA HI DESIGN 11	11B20	2000	IP20	White Carrara RAL 9016	X	45,5X13X9	1,00	8025947102800
		11FM20	2000	IP20	Cast Iron	X	45,5X13X9	1,00	8025947102824
		11BX5	1500	IPX5	White Carrara RAL 9016		45,5X13X9	1,00	8025947102817
	HELIOSA HI DESIGN 22	22B15	1500	IP20	White Carrara RAL 9016		49X19X9	1,47	8025947102831
		22B20	2000	IP20	White Carrara RAL 9016		49X19X9	1,47	8025947102848
		22B20MOB	2000	IP20	White Carrara RAL 9016	X	49X19X9	1,47	8025947102855
	HELIOSA HI DESIGN 33	33B13	1300 R7S caps	IP20	Cream RAL 1013		43,5X13,5X12	1,10	8025947102862
	HELIOSA HI DESIGN 44	44B15	1500	IP20	White Carrara RAL 9016		45,5X15,7X14	1,60	8025947102879
		44B20	2000	IP20	White Carrara RAL 9016		45,5X15,7X14	1,60	8025947102886
		44BMOB	2000	IP20	White Carrara RAL 9016	X	45,5X15,7X14	1,60	8025947102893
		44FMOB	2000	IP20	Cast Iron	X	45,5X15,7X14	1,60	8025947102909
	HELIOSA HI DESIGN 55	55B15	1500	IP20	White Carrara RAL 9016		46,5X14X22	1,90	8025947102916
		55B20	2000	IP20	White Carrara RAL 9016		46,5X14X22	1,90	8025947102923
		55BX5	1500	IPX5	White Carrara RAL 9016		46,5X14X22	1,90	8025947102930
		55FMX5	1500	IPX5	Cast Iron		46,5X14X22	1,90	8025947102961
		55BMOB	2000	IP20	White Carrara RAL 9016	X	46,5X14X22	1,90	8025947102947
		55FMOB	2000	IP20	Cast Iron	X	46,5X14X22	1,90	8025947102954
	HELIOSA HI DESIGN 66	66B15	1500	IP20	White Carrara RAL 9016		51X16X21,5	2,10	8025947102985
		66B20	2000	IP20	White Carrara RAL 9016		51X16X21,5	2,10	8025947102992
		66BX5	1500	IPX5	White Carrara RAL 9016	X	51X16X21,5	2,10	8025947102978
		66FMX5	1500	IPX5	Cast Iron	X	51X16X21,5	2,10	8025947103005
		66BMOB	2000	IP20	White Carrara RAL 9016	X	51X16X21,5	2,10	8025947103012
		66FMOB	2000	IP20	Cast Iron	X	51X16X21,5	2,10	8025947103029
	HELIOSA HI DESIGN 77 with remote controller	77B15T	1500 R7S caps	IP20	White Carrara RAL 9016	X	47,5X14X15,5	1,70	8025947103036
	HELIOSA HI DESIGN 88 with remote controller	88B30	3000 R7S caps	IP20	White Carrara RAL 9016		89X15X15,5	3,00	8025947103043

HELIOSA® HI DESIGN is a registered trademark of STAR PROGETTI's heaters



MODELS	CODE	POWER (Watt)	PROTECTION RATING	COLOUR	SPECIFIC FOR MOBILE SUPPORT	DIMENSIONS (cm)	NET WEIGHT (kg)	BAR CODE	
	HELIOSA HI DESIGN 990	990	2000	IP20	White Carrara RAL 9016	Scala support in transparent polycarbonate included	Height: 226	9,60	8025947103050
	HELIOSA HI DESIGN 991	991	2000	IP20	White Carrara RAL 9016	Scala support in steel included	Height: 213	12,40	8025947103067
	HELIOSA HI DESIGN 992	992	2000	IP20	Cast Iron	Scala support in steel included	Height: 213	12,40	8025947103074
	HELIOSA HI DESIGN 993	993	3000	IPX5	Cast Iron	Tubular support included	Height: 210	18,50	8025947103081
	HELIOSA HI DESIGN 994	994	2000	IP20	Cast Iron	Giraffa support included	Height: 236	15,10	8025947103098
	HELIOSA HI DESIGN 995	995	2000	IP20	Cast Iron	Giraffa support included	Height: 234	14,90	8025947103104
	HELIOSA HI DESIGN 996	996	3000	IP20	White Carrara RAL 9016	Wall applique support	Arm opening: 100 Projecting from wall: 43	3,80	8025947103111
	HELIOSA HI DESIGN 997	997	3000	IP20	Cast Iron	Wall applique support	Arm opening: 100 Projecting from wall: 43	3,80	8025947103128
	HELIOSA HI DESIGN 998	998	1500	IP20	White Carrara RAL 9016	Wall applique support	Projecting from wall: 40	2,20	8025947103135
	HELIOSA HI DESIGN 999	999	1500	IP20	Cast Iron	Wall applique support	Projecting from wall: 40	2,20	8025947103142