

SSH HEAT HEATING



SSH PERSONAL HEATING SERIES

MODEL 30-60



Manual updated on 4 January 2016

Thank you for purchasing SS Heat Products.
Our products have the highest certifications worldwide and are
manufactured under the strictest quality standards.

Before installation, please read this guide carefully for
an appropriate installation and later use.

If you have any questions regarding the installation or
use of the product, please contact us through our
website: www.ssheat.co.uk or directly through your
distributor.

Thank you.

CONTENTS

- 1. Safety warnings**
- 2. User's guide and guarantee**
- 3. Information about technology and technical specifications of the device**
- 4. Installation**

1. Safety warnings

Before you connect the device, read this manual carefully.

WARNINGS

- ⊘ Do not spray the product with water or detergents during cleaning.
- Spilling water or detergents on the product may result in colour changes and stains.
- ⊘ Do not cover the surface of the product while it is switched on.
- This may result in reduced performance and malfunction due to overheating.
- ⊘ Install wires appropriately and attach the electrical connection so that it is not exposed to moisture.
- If you do not follow these recommendations, it may result in electric shock due to malfunction of the product.
- ⊘ Do not use sprays or flammable insecticides near the product.
- If you do not follow these recommendations, it may result in fire and explosions.
- ⊘ Do not place flammable substances near the product, such as oils, gas containers, sprays, etc.
- If these recommendations are not followed, it may result in explosions or fire.
- ⊘ Do not strike the product.
- If you do not follow the instructions appropriately, there may be some risks due to malfunction.
- ⊘ The panels are not designed to be used by children or ill people with limited abilities.
- Use of SSH panels must be supervised by a responsible person in order to guarantee that the device can be used safely.
- ⊘ Do not touch the product with your hands or other items while the plate is switched on.
- If you do not follow this recommendation, you run the risk of skin burns.
- ⊘ If the wiring becomes damaged or broken the panel must be replaced.
- Do not disassemble or reassemble the panel. In particular, opening the panel and touching the electrical wires may result in electric shock.
- ⊘ Do not cover the panels with other materials (clothing, adhesive tape, etc.).
- In addition to lowering efficiency, it may cause an accident and damage the system.
- ⊘ Do not use the SSH panel in areas where it may be splashed by water.

Storage

- Do not place heavy items on the heater for storage as they may cause damage or malfunction of the product.
- For storage, do not stack more than 10 plates on top of each other.
- Keep stored plates away from moisture.

2. User's guide and guarantee

Components included in each box

- 1 X SS HEAT direct heat radiation plate with power regulation and lead.
- 4 X trim caps installed on the plate.
- 4 X metal plates for attaching to a table.
- 1 X this instruction manual.

Guarantee

- The guarantee period is of 2 years after receiving the device, subject to it being installed according to the guidelines in the installation manual, the user's guide and considering the normal use of the SSH panel, as described in this manual. Only the substitution or replacement of the SSH panel are included.
- In the event of an incident during the guarantee period, you must contact the installer of the equipment and give a copy of the receipt for servicing. The receipt must show the serial number.
- SS Heat assumes no liability for any problems caused by power surges in the mains.
- Damages caused to the plate caused by any of the following are expressly excluded from the guarantee: Accidents, fire, liquids, chemical products, other substances, flooding, vibrations, electrical overloads, excessive or incorrect voltage, radiation, electrostatic discharges including rays, other external forces and impact.

3. Information about technology and technical specifications of the device

SS Heat Technology

This is an innovative heating system based on pioneering research on heat transfer.

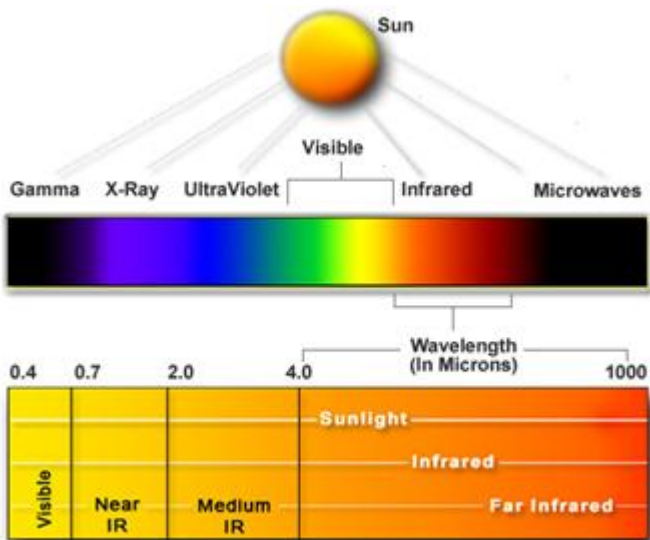
The main innovation is that it achieves significant savings by using 95% of the energy, mainly due to the fact that, instead of using air as a means to transfer heat, it directly heats the surfaces of bodies, the ground, walls, objects, people, etc., which, in turn, heat the environment in a healthy and natural way.

SS Heat technology offers savings of 35% to 50% compared to other heating systems.

Smart Sun Heat emits heat in the low portion of the long-range infrared spectrum, between 4 and 14µm, using the invisible wavelength used by the sun to heat items, offering, in addition to significant energy savings, some of the health benefits of the sun without any of the risks. This is due to the emission of this special type of low-frequency, long-distance infrared waves, which are similar to some of those emitted by the sun.

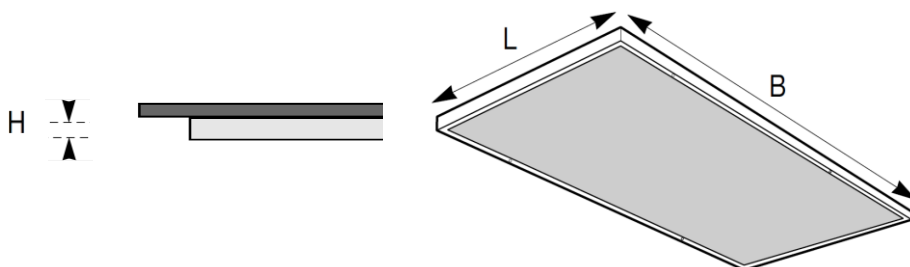
SS Heat Technology Advantages

- Green technology that reduces energy consumption, not consuming oxygen or emitting any type of polluting gas.
- Maximum safety as it does not require any flammable fuel or reach high temperatures.
- Low investment and fast amortisation due to its low energy consumption.
- It imitates the process used by the sun to heat the Earth, emitting heat in the low range of the infrared spectrum, between 4 and 14 nanometers.
- Energy savings.
- It increases available space as it does not require boilers, radiators, split units, compressors or gas bottles.
- Maximum energy efficiency
- Completely silent heating that generates no noise or vibrations.
- It requires no maintenance, reviews or inspections as it features no moving parts.
- It requires no construction work or pre-installation, it just needs to be connected to the mains.
- It heats bodies without generating draughts. Therefore, it does not move dust around, making it particularly beneficial for people with breathing problems or allergies.
- Reduced size and low weight.
- It improves aesthetics as it does not require the installation of radiators or split units.



Technical specifications

SSH PANEL MODEL	SSH SERIES INDOOR	POWER Wh	INTENSITY Amps	SIZE B X L X H Cm	WEIGHT kg
30-60 SR/2	PERSONAL HEATING	0-160	0.7	54 x 32 x 3	2.9



4. Installation

SS Heat puts its technical department at your disposal to advise you about the optimal size and location for your installation.

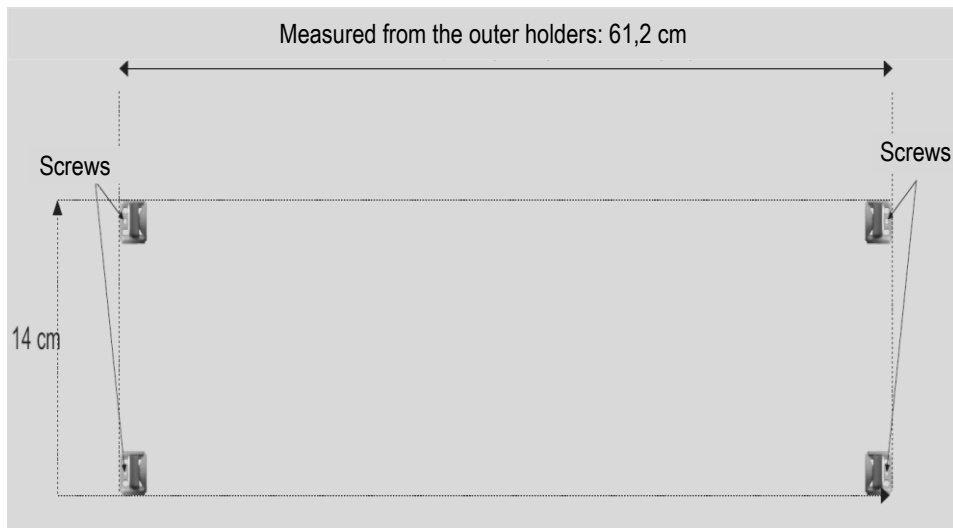
Electrical requirements

- SS Heat plates must be plugged into a socket with sufficient capacity to power the plate.

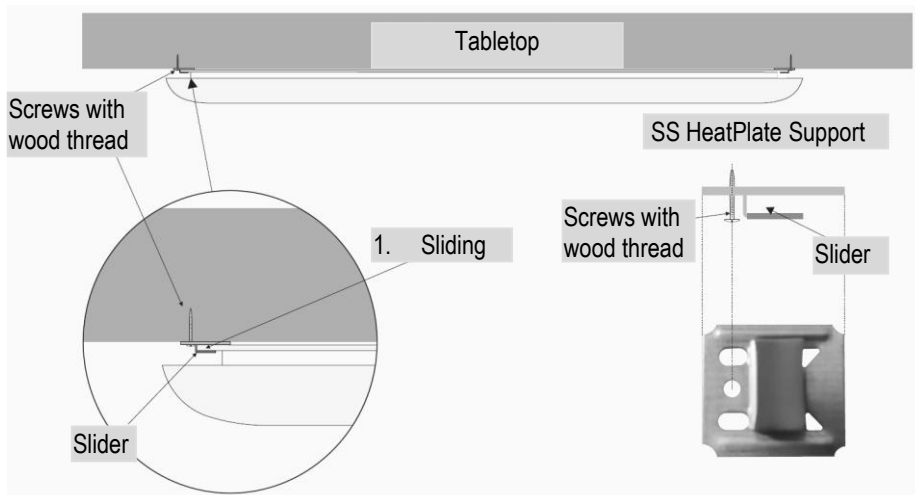
Assembly instructions

1. While the plate is unplugged from the mains, remove the frame by pressing on the edges of the plate with your hands.
2. Place the plate at the location where it will be installed. We recommend that you install it horizontally in the lower part of the table back from the knees or above the knees. It may also be installed vertically on the back of the table, centred in the available space.
3. If the table is made of wood, drill the holes on the table always with a thickness lower than that of the table, according to the graph. In case the table is made of metal or a material that cannot be drilled, complete this step using an adhesive approved for the materials to be glued and for temperatures of up to 80 °C.
4. Place the bracket screws in the table.

5. See graph for the location of brackets:



6. Introduce the plate in the slot of the brackets.
7. Install the side trim frames.



8. Connect the lead to a socket that supports a consumption of 180 W.
9. Adjust the desired power using the regulator included in the cable, turning the built-in wheel. By increasing power turning the control wheel, the intensity of the indicator standby light is reduced. At maximum power, the standby light will remain off.



SS HEAT, THE LEADING BRAND IN ENERGY-EFFICIENT HEATING SYSTEMS

WE INVITE YOU TO VISIT OUR WEBSITE
www.ssheat.co.uk

WHERE YOU CAN ACCESS THE LATEST NEWS
ABOUT ENERGY-EFFICIENT HEATING SYSTEMS
FOR INSTALLATION
INDOORS AND OUTDOORS

This document contains information property of Smart Sun Heat. The supply of service and the performance described herein will depend on the specific conditions of each project. The use or reproduction of this document, in whole or in part, is strictly prohibited for any other purpose. To obtain authorisation for the use of this information or any additional clarification, contact:

SMART SUN HEAT
Unit 4, Townley park
industrial estate,
Middleton, Manchester,
M24 2UF
Info@ssheat.co.uk
0161 6436981
www.ssheat.co.uk