

HYPOTHERMSAVE®

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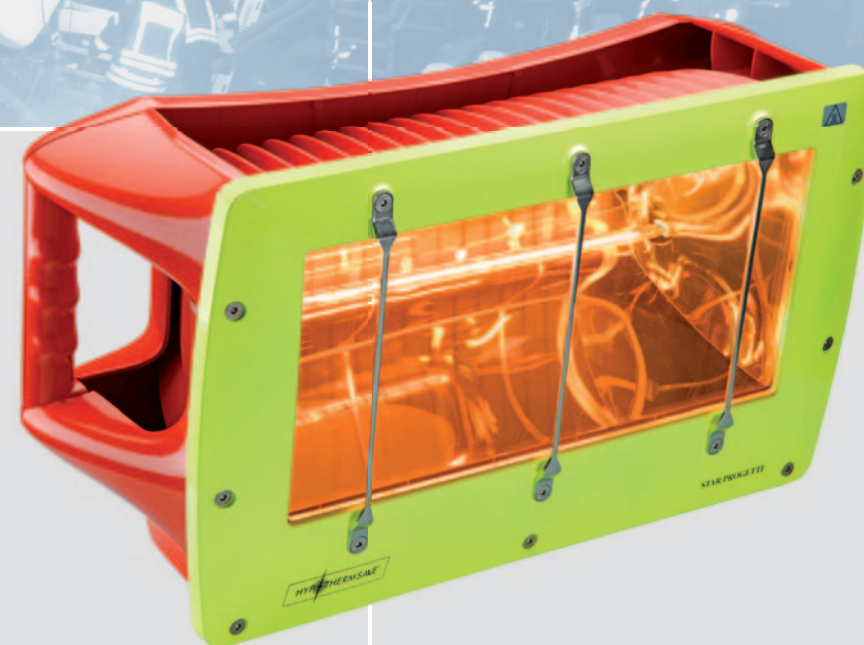
HEAD OFFICE AND PLANT
IN TRIBIANO (MILAN)



PLANT IN MOMBRETTO
DI MEDIGLIA (MILAN)



HEAD OFFICE STAR PROGETTI
FRANCE IN CUISERY (FRANCE)



HYPOTHERMSAVE®
The appliance that
**resolves cases of
hypothermia**
in first aid
situations

STAR PROGETTI

Star Progetti Tecnologie Applicate Spa is an international market leader in the sector. Since 1993, the company has been producing infrared IRK heating appliances under the following brand names:

- HELIOS RADIANT®
- HELIOSA® HI DESIGN
- VARMA TEC®
- INFRACALOR®

for a variety of sectors: hospitality, industry, industrial processing, zootechnics, agriculture, emergencies and first aid. Star Progetti's certified appliances can be found in all of the most important nations in the world.

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STAR PROGETTI
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PATENTED MODEL
DESIGN REGISTERED



HYPOTHERMSAVE® The appliance that **resolves cases of hypothermia** in first aid situations

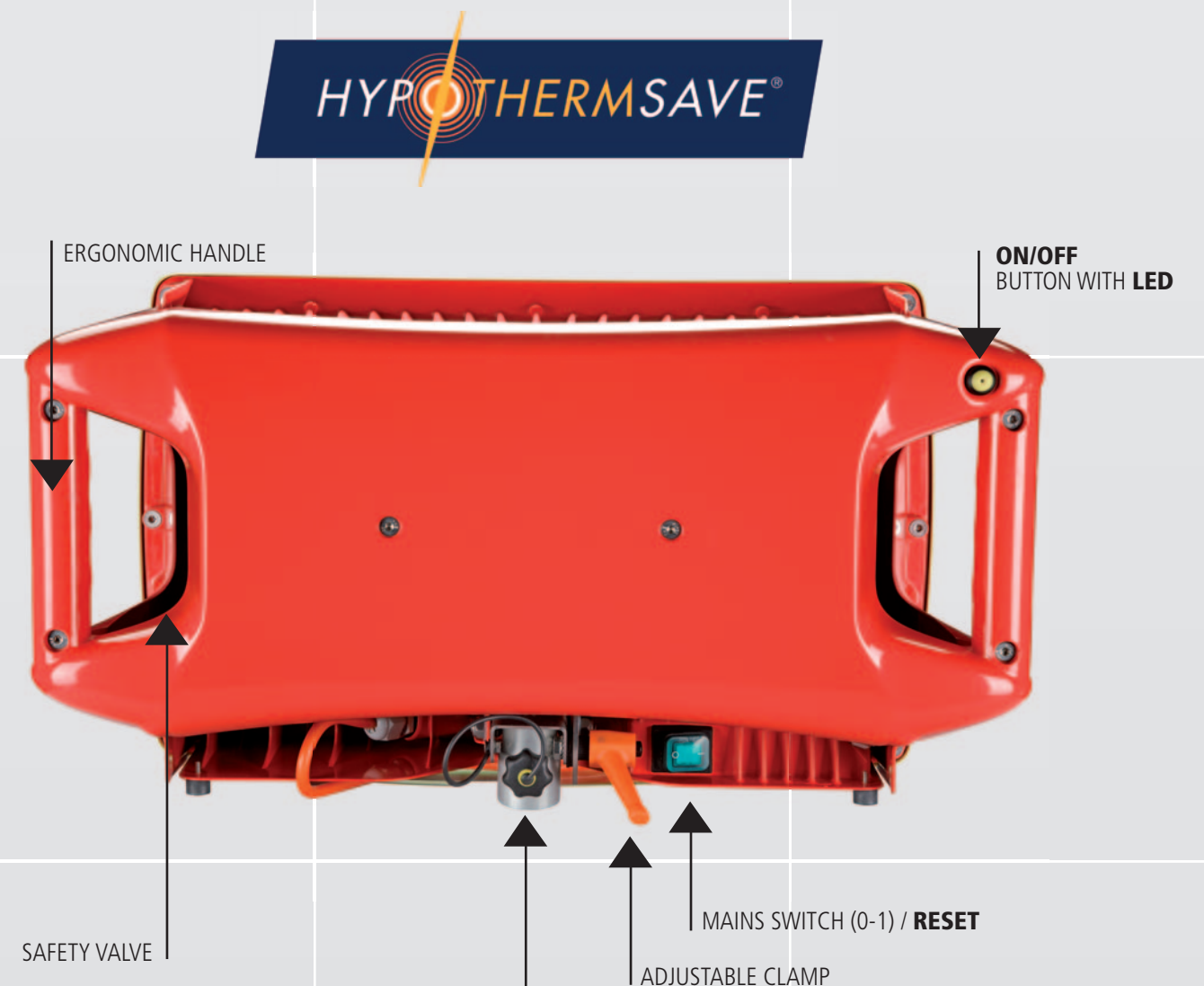
Preventing the threat of hypothermia at the pre-clinical stage when rescuing people who are trapped is of fundamental importance, and is often difficult to achieve within a limited timeframe.

According to studies conducted by experts, up to 66% of multiple trauma patients are suffering from hypothermia upon admittance to hospital, with a very high risk of worsening their condition.

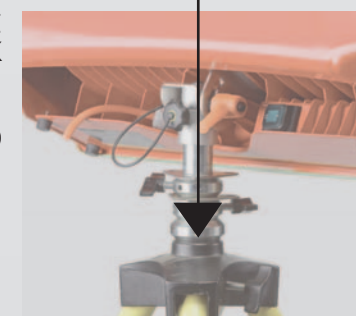
This is the situation rescue services such as the fire brigade, the Civil Defence organisation and the Red Cross find themselves up against, often without adequate means to immediately raise the temperature of the individuals they need to rescue. These are often complex, varied situations, where more immediate, flexible, manageable and effective solutions are often required. In accidents and disasters, preventing hypothermia is of fundamental importance, and must be done quickly, in order to reduce rescue times and/or to keep them within a maximum of 20-60 minutes (**golden hour**).

The HYPOTHERMSAVE® appliance - which allows for rapid, simple, effective intervention, without interfering with other activities going on at the same time - helps to provide the same immediate warmth and wellbeing as the sun. In addition, the ergonomic characteristics of the appliance make it easy for rescuers to use manually, and also allow for use on telescopic supports on the ground.

At the request of experts and researchers, Star Progetti Tecnologie Applicate Spa has invested its technology and experience in infrared appliances to come up with a product able to prevent hypothermia in the various situations in which it can arise. This appliance has been specifically studied to prevent hypothermia at the pre-clinical stages of rescue operations; it is ergonomic, easy to use, transmits heat immediately, and is above all safe and manageable for the operator.



HIDDEN TELESCOPIC
HOOK AT THE BACK
FOR USE WITH
SUPPORT ON
THE GROUND



SPECIAL 5 M
POWER CABLE
ORANGE,
FOR OUTDOOR,
WITHSTANDING
-40° C MIN., +90° C
MAX. TEMPERATURES
WITH IP68 INDUSTRIAL
SCHUKO PLUG AND
BAYONET FITTING
PLUG COVER



HOW HYPOTHERMSAVE® CAN BE USED

Positioned directly on the ground thanks to the appropriate angle

Manually, with handles or belt

Resting on a mobile tubular structure

The appliance must be used to raise the temperature of patients who are conscious and hemodynamically stable



TECHNICAL CHARACTERISTICS

HYPOTHERMSAVE® MODEL 1500/2000 WATTS IP66 (code FM2016)



Ergonomic model in die-cast aluminium, with handles for ease of use

Heat-resistant safety glass and front impact shields in stainless steel

Stainless steel screws

IP66 protection rating against rain, jets of water, dust and humidity

1500/2000 Watts InFraCaLoR® bulb

Belt with neck brace to secure the heater to the user's neck

Hidden telescopic hook at the back for use with support on the ground

Special 5m power cable, orange, cut-proof, withstanding T°90, with IP68 industrial Schuko plug

Equipped with:

- circuit board that manages the data of the appliance at the various angles and switches off if the appliance is positioned face down and/or falls
- reset switch
- power switch (optional)
- 1 spare InFraCaLoR® bulb

1 special travel bag for the carriage with instructions attached, size 56x36x23 cm

Colour: RAL 3000 red and yellow

Can heat an area of about 12/15 square metres

Size: 59x33x22 cm

Net weight: 11,2 kg



HYPOTHERMSAVE® comes in a special travel bag with instructions attached, size 56x36x23 cm



The perfect appliance for pre-clinical assistance in the following cases:

- road accidents
- major disasters
- earthquakes
- raising the temperature of people buried
- people trapped
- people that have been in cold water
- providing heat to the homeless, rescue teams, etc.
- easy-assembly tent (45 mins) for organising rescue operations, patient recovery

THE ADVANTAGES OF HYPOTHERMSAVE®

Manageable and easy to use

The weight and size guarantee flexibility; it can be moved quickly and adapts easily to the people rescued

Ready for use in seconds

Releases heat rapidly, using simple commands, and can be adjusted to guarantee optimum levels of heat for individuals rescued

Ergonomically designed, with a structure that does not heat up, allowing rescuing teams to operate effectively and safely

Can also be fitted to a telescopic support on the ground

Does not shift air or dust

IP66 designed, to withstand rain, water jets, dust and moisture

Does not interfere with other rescue activities taking place at the same time

Able to heat a fairly large operating area as required



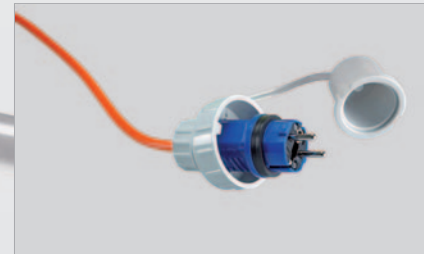
PATENTED MODEL
DESIGN REGISTERED



HELIOS[®] RADIANT

SAFETY GLASS-TENT HEATER

For rapid,
efficient
heating
inside tents



Special 3 m power cable, orange,
for outdoor, withstanding -40°C
min., +90°C temperatures, with IP68
industrial Schuko plug and bayonet
fitting plug cover



Easy handle to move
the heater



On occasions such as accidents or natural
disasters, it is sometimes necessary to rapidly
set up field tents to house first aid surgical
equipment and to host patients for several
days. The Helios Radiant[®] Safety Glass Tent
Heater, an IRK infrared electrical appliance, is
the perfect solution for immediately heating
up cold, damp areas inside tents or in
protected environments.

The heat and wellbeing provided for people
in the tents are immediate, and the
appliance also solves the problem of
dampness, the most negative aspect of such
situations.

Helios Radiant[®] Safety Glass Tent Heater
may be combined with the tent frame by
the supplied fittings.

Helios Radiant[®] Safety Glass Tent Heater
has been designed and made by Star
Progetti has been used for many years
throughout the world, for its safety
and efficacy.

The Safety Glass Tent Heater model has
been designed to meet the specific needs
of the "rescue" sector and for the problems
specific to tent cities.



THE ADVANTAGES OF HELIOS RADIANT[®] SAFETY GLASS - TENT HEATER

- extremely quick and easy to use
- heats in seconds
- more evenly and widely spread
heat, thanks to the special
wide-angle reflector
- heats an area of about
12/14 square metres

- IP23 rain protection rating
- compared with other systems,
Helios Radiant[®] Safety Glass Tent
Heater provides people with
immediate heat, just like the sun
- does not shift air or dust
- may be coupled with the tent
frame by the supplied fittings
- does not interfere with aid and
organisation activities taking
place at the same time



TECHNICAL CHARACTERISTICS

Directable wall-mounted model with
heat-resistant safety glass

Wide-angle dish

Stainless steel framework
in micaceous iron grey colour

220/240V 50/60Hz

2000 Watts InFraCaLoR[®] bulb

Heats an area of about 12/14
square metres

IP23 - rain protection rating

Comes with the following accessories:
2 brackets complete with belts, easy
handle to move the heater, special 3m
power cable, orange, cut-proof,
withstanding T°90, with IP68
industrial Schuko plug

Recommended installation height
2.50/3.00 metres

Best positioned at an angle of 45°
for optimal heating results

Size 48x24x20 cm

Net weight 5 kg

Gross weight 6,5 kg

Packaging size 56x28,5x22,5 cm

