



INSTALLATION AND OPERATING INSTRUCTIONS



Installation and operating instructions for electric quartz-halogen radiant heaters

Models with IP20 protection class

TERM2000®

TERM2000 VELVET VITAE

TERM2000 ALU VITAE

TERM2000 IRGLASS SPA

WARNING: Please read these instructions before installing the heater and follow all recommendations. This manual is an integral part of the device and should be kept in an accessible place; in the event of a change of ownership, it should be handed over to the new owner.



*Manufacturer: TEO TERM, ul. Wiejska 2d, 05-805 Otrębusy
tel.+48 22 822-37-82, 668-95-08, fax +48 22 824-23-27*

Customer Service 801 00 96 95

www.teo-term.com.pl

INSTALLATION AND OPERATING INSTRUCTIONS

The electric infrared heater for relaxation and wellness applications, used in SAUNA / Infrared cabin environments, TERM2000® VELVET / ALU / IRGLASS, is intended exclusively for use in the above-mentioned rooms.

Do not touch the emitter with bare hands. If the emitter surface is accidentally touched, proceed in accordance with the maintenance instructions. Greasy fingerprints left on the emitter surface may cause premature damage to the emitter and loss of warranty.

All electrical connections must be made in accordance with applicable electrical safety regulations. In case of doubt, consult qualified electrical personnel.

WARNING: Infrared heaters must be properly grounded.

Installation of TERM2000® Infrared Heaters

Selection of Installation Location

The heaters may be installed in either a vertical or horizontal position. Typically, heaters are mounted on walls or in the corners of the cabin; ceiling installation inside the cabin is also possible. The installation location depends on the cabin design and the planned routing of the power supply. The heaters should ensure maximum possible exposure of the body to infrared radiation and uniform heat distribution, achieved by maintaining an appropriate distance from the body.

Recommended Distance from the Human Body depends on model, power, and **individual user preference**; the following are minimum recommended distances:

for 350 W: TERM2000 ALU VITAE – 30 cm; TERM2000 VELVET – 20 cm; TERM2000 IRGLASS SPA – 20 cm

for 500 W: TERM2000 ALU VITAE – 40 cm; TERM2000 VELVET – 30 cm; TERM2000 IRGLASS SPA – 30 cm

for 750 W: TERM2000 ALU VITAE – 50 cm; TERM2000 VELVET – 40 cm; TERM2000 IRGLASS SPA – 40 cm



WARNING: Do not install heaters in a way that allows them to irradiate flammable materials (e.g., fabrics, PVC plastics, etc.). Do not install devices directly below wall-mounted power sockets. Do not cover the devices and do not leave them operating unattended.

Electrical Connection

TERM2000® VELVET / ALU / IRGLASS heaters are designed for single-phase power supply. All components are rated for 230V operation. The fixed installation must be equipped with a disconnecting device ensuring disconnection from the power supply on all poles (except for grounding), with a minimum contact separation of 3 mm. The installation must also be protected by a residual-current device (RCD).

Connections to the terminal block depend on the device type. Power supply cables with increased temperature resistance (silicone cables, type H05SS-F, available as a paid option) must be used. The socket and plug must be installed in an easily accessible location, allowing immediate disconnection of the device. When powering multiple heaters, use a power splitter and socket rated for the total installed power. For installations with multiple heaters connected directly to the distribution board, the services of a qualified electrician are required. Cable cross-sections must be selected by a licensed electrician, based on heater power and distance from the distribution panel. At the end of the heater's life, disposal must comply with applicable regulations..

For vertical installation, the heater must be mounted so that the terminal block is located at the bottom of the device. The power cable must be routed from below to prevent heating during operation.

Mounting the Infrared Heater

TERM2000 ALU VITAE heater is mounted to the wall using metal brackets supplied by the manufacturer. Brackets (with two mounting holes) are fixed using wood screws (M3) on wooden surfaces or wall plugs for concrete surfaces. Note: Screws and wall plugs are not included. Installation is performed in two stages to ensure the bracket remains hidden behind the heater for aesthetic reasons. Loosen the bracket fixing screw using a TORX T10 wrench, slide the bracket beyond the housing outline, secure it to the wall, then return it to its original position. Begin with the bracket on the side opposite the power terminal. Repeat the procedure for the second bracket. **IMPORTANT:** Ensure that the emitter wires are not pinched when tightening the bracket fixing screw. For corner installation, use the special brackets included in the set. Secure the brackets to the corner using two wood screws or wall plugs, then attach the heater using M4 screws (included). To keep brackets hidden, follow the same procedure as described above.

TERM2000 VELVET and IRGLASS models are installed in pre-prepared wall openings (according to the supplied drawing) or in cabin corners using TERM2000 VELVET-C / IRGLASS-C. Use wood screws with a maximum diameter of 3.5 mm (VELVET) or 5 mm (IRGLASS).



IMPORTANT In all cases, the power cable must be routed so that it does not touch the housing or reflector during operation. The heater must not come into contact with flammable materials. A clearance around the reflector is required and depends on the materials used in the sauna construction. For example, for mineral wool insulation, a clearance of approximately 10 mm around internal components is recommended. Wooden elements must not touch the reflector, emitter, or emitter mounting. Installation recesses must be lined with non-flammable, high-temperature-resistant materials, such as basalt mineral wool.

Maintenance

NOTES: Before cleaning the heater:

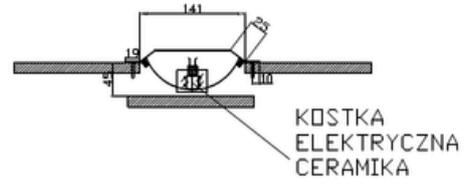
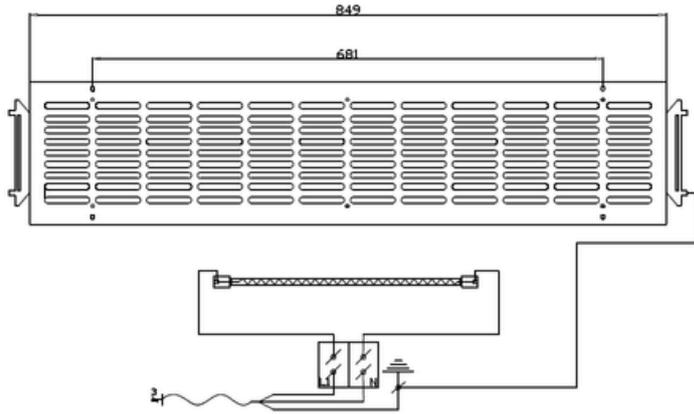
- ensure the device is disconnected from the power supply,
- allow the heater to cool down,
- do not touch the filament with bare fingers; fingerprints cause premature filament failure,

Clean the filament with a soft cloth moistened with ethyl alcohol (pure ethanol—do not use denatured alcohol or salicylic alcohol). Other components should be cleaned by blowing off accumulated dust. Do not use abrasive or corrosive cleaning agents.

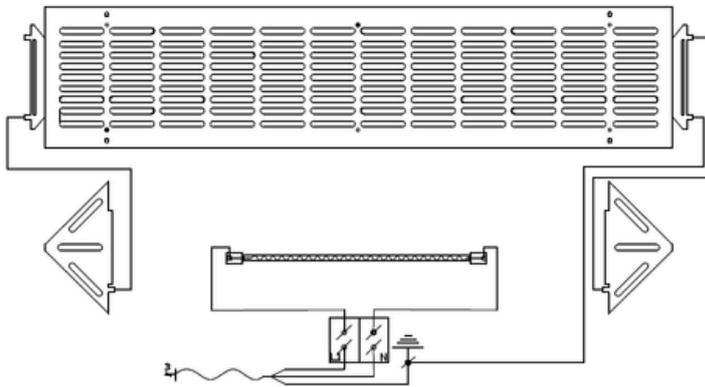
WARNING: Never immerse the device in water. Life hazard!

WARNING If the power cable is damaged, immediately disconnect the device from the power supply. The damaged cable must not be replaced with a different type of cable. For repair, contact the manufacturer.

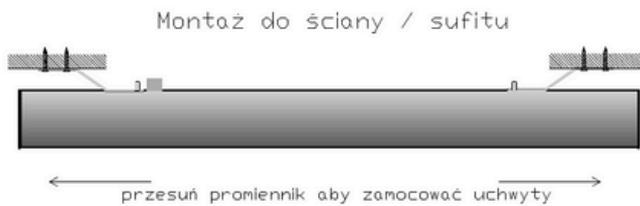
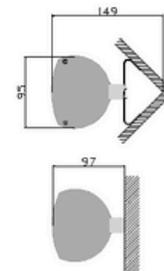
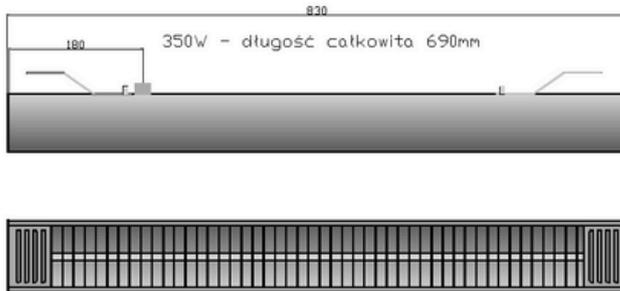
TERM2000 RCAVIT VELVET



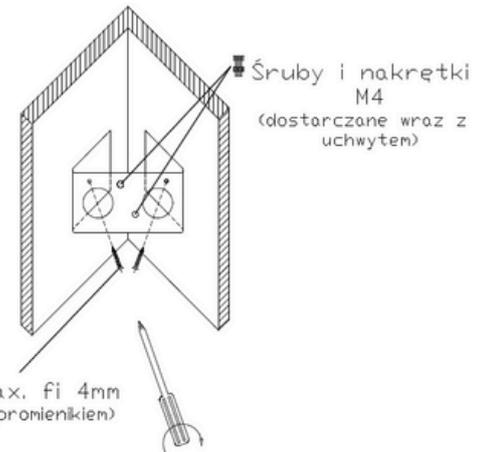
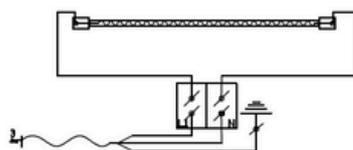
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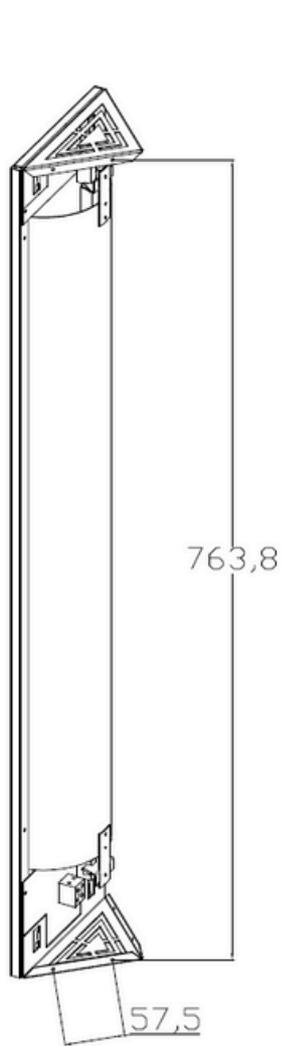


TERM2000 ALU RCAVIT

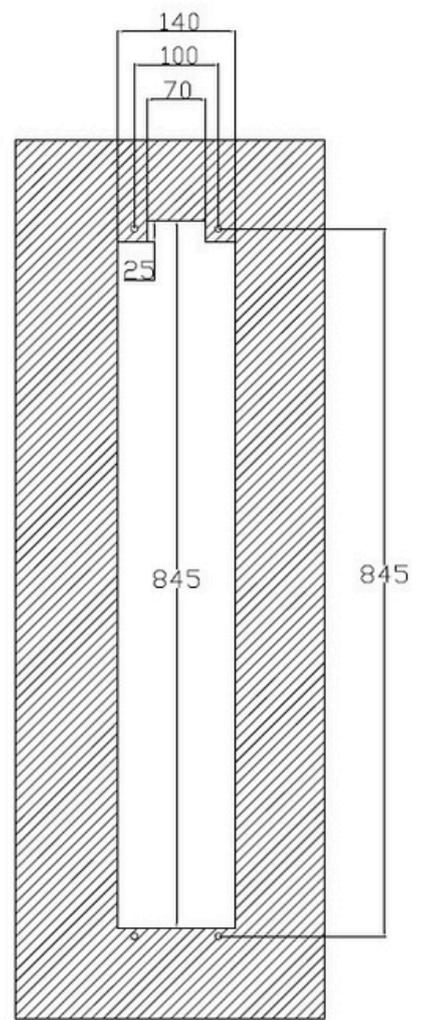
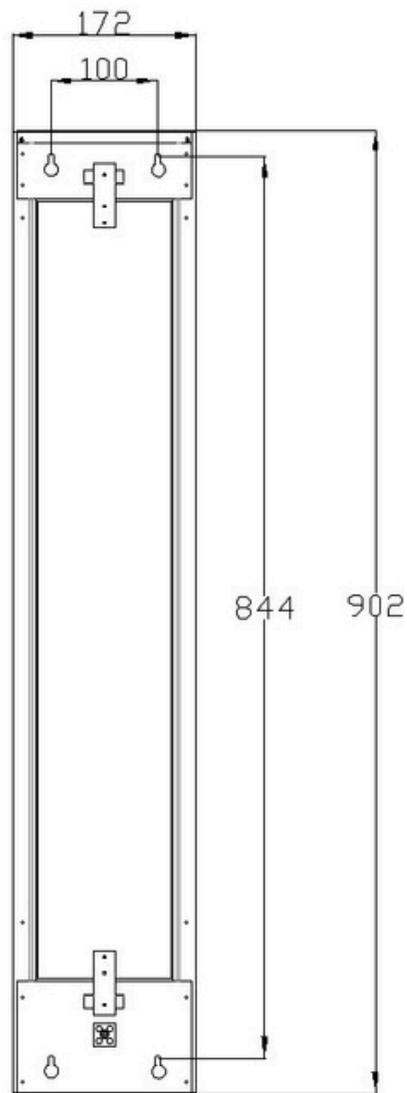


Montaż w narożu przy użyciu specjalnych uchwytów





IRGLASS SPA
Rozstaw otworów montaż narożny



Wymiary otworu
montażowego
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