



INSTALLATION AND OPERATING INSTRUCTIONS

Installation and operating instructions for electric quartz-halogen radiant heaters

Models with IP20 protection class

TERM2000® GLV

types RCA020GLV, RCJ040GLV

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.



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Intended use

TERM 2000 GLV series infrared heaters are devices that emit infrared thermal radiation. They are designed to heat surfaces to the desired temperature. The radiation source in the device consists of shortwave emitters.

The heater consists of:

- a housing with a handle and protective guard bars,
- a shortwave emitter,
- a switch (model RCA) or switches (model RCJ),
- a power supply cable.

Safety instructions for operating the heater

When using the heater, strictly follow the instructions below:

1. After switching on the heater, hold the device only by the handle provided for this purpose. Do not touch the housing with your hands.
2. All installations and electrical connections at the place of use must comply with regulations governing electrically powered devices. Such work must be carried out by qualified personnel.
3. During breaks in heating a given material, temporarily disconnect the heater from the power supply or switch it off using the switch.
4. No easily flammable or combustible materials emitting vapors may be present in the heater's operating area. Directing or intentionally heating flammable or combustible materials that emit intense vapors when exposed to heat is strictly prohibited.
5. Infrared heaters must not be used in rooms where vapor mixtures forming an explosive atmosphere may occur.
6. Excessively long heating of one spot or too short distance from the heated material may cause damage. Heating time depends on distance, absorption, and the color of the material.
7. The heaters are not equipped with timers and may only operate under continuous supervision by an operator.
8. Do not touch the emitter with your fingers. Residual grease may damage the emitter. If the emitter is accidentally touched, wipe the area with a cloth moistened with ethyl alcohol. Do not use denatured alcohol or salicylic spirit.
9. Avoid directing radiation toward the face. Do not stare at the glowing emitter filament while it is operating.
10. During operation, the power cables must not touch the heater housing, as this may cause insulation damage and short-circuiting, potentially leading to device failure or fire.
11. For safety reasons, during prolonged operation, it is recommended to use protective eyewear against infrared radiation, e.g., OKULARY 00-40_879, 3M™ Maxim™ 13324-00000M, or 3M™ Eagle™ 27-3024-03M.

Rules for handling and maintenance of the device

1. The TERM 2000 heater is sensitive to shocks. Avoid striking the device against other objects.
2. Avoid excessive vibrations when transporting the heater.
3. Do not leave the heater switched on with the emitter directed downward or toward any flammable obstacle at a distance of less than 1 m without supervision.
4. Clean the emitter only according to the procedure described in point 8 above.
5. If it is necessary to remove dust from the device, do so using compressed air.
6. Avoid contact of the device with water or other electrically conductive liquids.
7. Strictly avoid contaminating the reflectors with any liquids. If the reflectors become contaminated, remove stains with a soft cloth moistened with ethyl alcohol.
8. All cleaning, inspection, and maintenance work must be carried out after disconnecting the device from the power supply and after the emitter has cooled down.

Technical parameters of the heater:

Infrared heater TERM2000 RCA020GLV

Power: 2000 W

Supply voltage: 235 V ~ 50 Hz

Weight: 1.2 kg (without cable)

Shortwave emitter: Dr. Fischer Gold Helen model 15021Z

Power cable: 3 × 1.5 mm² with UNI SCHUKO plug

Infrared heater TERM2000 RCJ040GLV

Power: 4000 W

Supply voltage: 3N 400 V

Weight: 2.5 kg (without cable)

Shortwave emitters: Dr. Fischer Gold Helen model 15021Z, 2 pcs.

Power cable: 5 × 1.5 mm² with 5P 16A plug

Warranty conditions: Warranty terms are specified in the warranty card supplied with the device.

Manufacturer

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