

## Installation and Operating Instructions

### Frost Guard FW 501



### Types:

- Frost Guard FW 501

Please read attentively and keep in a safe place!

Subject to alterations!

Id\_no. 911 361 491

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**GB**

## 1. Safety- and Warning Regulations

The appliance must only be used as described in the instructions for use. Read these instructions carefully, in conjunction with the illustrations before using the appliance. Use for any other purpose is inadmissible! Any damage attributed to incorrect operation, improper use or non-observance of the safety information will invalidate all liability and the warranty!

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance, cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

• **CAUTION — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.**

- Before connecting the appliance check that the voltage indicated on the type plate corresponds to the mains voltage in your home.
- Do not use the frost protector when the unit, power cord or plug is defective. Repairs are only to be carried out by a specialist!
- The frost protector should not be installed in areas which are a fire risk, such as garages, stables, or wooden shed. This is applicable also for rooms in which highly inflammable gasses or dust can develop. Danger to fire!
- The room which is to be heated should not contain any easily inflammable materials (e.g. petrol, solvent, spray canisters etc.) or other easily combustible materials (e.g. wood or paper). Keep such materials away from equipment. Danger of fire!
- **WARNING: In order to avoid overheating, do not cover the heater! Risk of fire or danger of overheating.**
- Do not cover with clothing, towels or similar to be dried. **Overheating and Fire hazard!**
- The heater must be not located immediate below a socket-outlet.
- Never touch live parts! Danger to life!
- Keep the minimum distance specified when mounting (refer to figures).
- If the frost protector is to be installed in a shower or bathroom, the appropriate national regulations of the country regarding of electrical equipment in such areas must be adhered to. To make sure, call a competent specialist. The frost protector

must be so installed that any persons using the shower or bath do not come into contact with it.

- The device may not be fixed on walls of plastic, synthetic material or other easily flammable materials as for example wood, panels, paper or similar. By disregard it can come to the fire risk!

- **Important!** Do not insert any foreign objects into the appliance openings or do not insert any objects into the heater! **Risk of injury** (electric shock) and damage to the appliance! Never place any objects between appliance and wall.

- If the heater is to be connected with a plug, the plug must be easily accessible to enable the mains plug to be disconnected as quickly as possible!

- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. • The power cable must not come into contact with the unit during heating operation. Do not put the cable on or around the hot appliance and do not pull it over sharp edges or bend it.

- Do not use the heater outdoors.

- The product is for household use only and not for commercial use.

- The appliance is not suitable for animal breeding purposes!

- Do not operate the heater with an extension-cord.

- Do not use this heater with a programmer, timer, separate remote-control system or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.

- **Attention! Even on the lowest setting level the unit is always ready for use. In order to switch off the frost protector, pull out the power supply plug or turn off the permanently installed disconnecting switch (e.g. automatic cut-out, installation switch etc.).**

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## 2. Indication for Montage

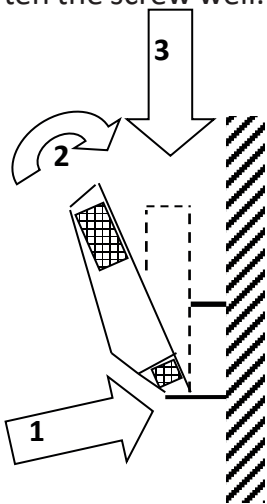
The frost protector is an electrical convector heater. It is fitted with a thermostat for the correct temperature and a safeguard against overheating. A control lamp lights up when the frost protector starts to heat up. The thermostat controls the room temperature and switches the heater on or off as necessary. The built-in fixture for guarding against overheating switches the unit off if too hot and switches itself on again after the unit has cooled down

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To avoid a fire hazard, keep the following safety distances when mounting the heater:

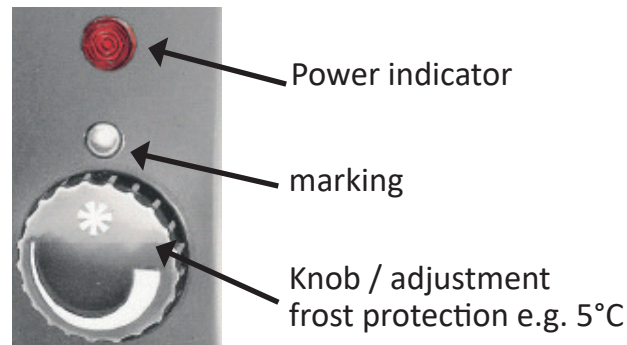
From the each side wall of the heater to any masonry:	30 cm
From the each side wall of the heater to flammable materials:	60 cm
Distance from the heater to the floor:	20 cm
Distance from the upper edge of the heater to the building component or covers above it(e.g. window sill):	flammable 50 cm non-flammable 30 cm

Mount the mounting bracket to the wall. Two dowels and matching screws are included. Drill the holes according to the distance given above. Use the holder as a template for the two upper holes. Use the enclosed screws to attach the wall mount, which you will find on the back of the frost guard. Now hang up the frost guard and fasten the device with the right side screw. Tighten the screw well. After inserting the mains plug into the socket, your frost monitor is ready for operation. The connection cable of the frost protection device can also be connected to the mains at a suitable junction box. **For this purpose, a specially prepared line version must be used. This may only be done by a specialist! Protective conductor connection required! Permanently connected devices must be able to be disconnected from the mains by means of an all-pole disconnecter with at least 3 mm contact opening (eg circuit breaker, installation switch, contactor, etc.).**



### 3. Operating instructions

The rotary knob and the marking on the casing show the setting of the thermostat.

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To set the required room temperature: turn the knob to the right as far as it will go and wait until the required temperature has been reached. Turn the knob then slowly back again until the control lamp has been extinguished. The position of the knob now corresponds to the required temperature.

### 4. Cleaning instructions

Before each cleaning, maintenance or repair disconnect the heater from the power supply. Unplug the power cord from socket outlet or turn off the permanently installed disconnecting switch (e.g. automatic cut-out, installation switch etc.) and let the heater cool down. Clean the casing occasionally with a damp cloth and then wipe it dry. Do not use any strong abrasive cleaning materials and do not let water get into the inside. Do not immerse the heater, power cord or plug in water or other liquids. Danger of life!

## 5. Technical data

<b>Type:</b>	<b>Frost guard FW 501</b>
Voltage	230 V ~
Power	500 W
Safety system	IP 21 dripping water
Safety class	I
Power cable	H03V2V2-F3G0,75 mm <sup>2</sup>
Dimensions H x W x D (in cm.)	24 x 24 x 10,5
Weight	approx. 1kg
Thermostat	approx 5°C bis ca. 16°C

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## 6. Troubleshooting

<b>Fault</b>	<b>Possible cause</b>	<b>Measures</b>
<ul style="list-style-type: none"> <li>Does not heat up (control lamp does not light up)</li> </ul>	<ul style="list-style-type: none"> <li>Fuse blown</li> <li>Plug disconnected</li> <li>Room temperature higher than the setting</li> <li>Overheating device has reacted</li> </ul>	<ul style="list-style-type: none"> <li>Check fuse box</li> <li>Reconnect plug</li> <li>If possible, set a higher temperature</li> <li>Do not cover frost protector with any objects. Keep to min. specified distances!</li> </ul>

## 6. Guarantee

- If problems occur with the device never try to open or repair by yourself. Every intervention in the unit for the change of original condition leads inevitably to the loss of the guarantee claim. Contact the retailer where you have purchased the appliance. The guarantee for this device is based on the guarantee instructions.
- Damages which occur to transport, overloading, natural erosion, non observance of the mounting-/ operating instructions or improper treatment will be excluded from the guarantee. The manufacturer is not liable for any indirect consequential or financial damages.
- Technical changes concerning the advancement are reserve.



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local authority, your household waste disposal service or the shop where you purchased the product. This symbol is only valid in the European Union.

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TECHNOTHERM After-sales service:  
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Technical alternations, errors, omissions and errata reserved. Dimensions are stated without warranty! Updated: April 18

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