

TF1000

# TF1000

## Thermofan Bathroom Fan Heater

### Installation Guide

**YOUR STEP-BY-STEP GUIDE TO  
THE PERFECT INSTALLATION**

**thermofan**  
BATHROOM FAN HEATERS

## Introduction

Please ensure you have thoroughly read and understood these instructions and the safety notes before commencing installation.

Retain this leaflet for future reference.

Before operating, remove the packaging and check product integrity. In the case of defects or damages contact your dealer.

The TF1000 is a Bathroom Fan Heater with a 60minute boost timer which is designed to heat your room quickly and efficiently.

The safety and installation instructions must be followed accurately. Failure to do so will void the product warranty.

## ! IMPORTANT SAFETY REGULATIONS !

### DO

Ensure that the unit is installed correctly and complies with local electrical regulations

Ensure the that the unit is connected to 240V power supply

Switch the unit off and unplug if it is not to be used for a long period of time

When the unit is operating ensure that it is not in contact with plastic or synthetic surfaces

Ensure that there is nothing in front of the vent when the unit is operating

Before cleaning the unit ensure that the unit has cooled down

Ensure that a qualified electrician connects the unit to mains powers and repairs the unit if necessary

Remove and clean the filter at least every 6 months

### DO NOT

Use the unit in a commercial/industrial environment

Leave the unit operating when you leave your home

Leave children to touch or play with the unit

Cover the heater or hang anything over the heater while it is operating

Use in rooms with explosive gas or whilst using flammable solvents or glues

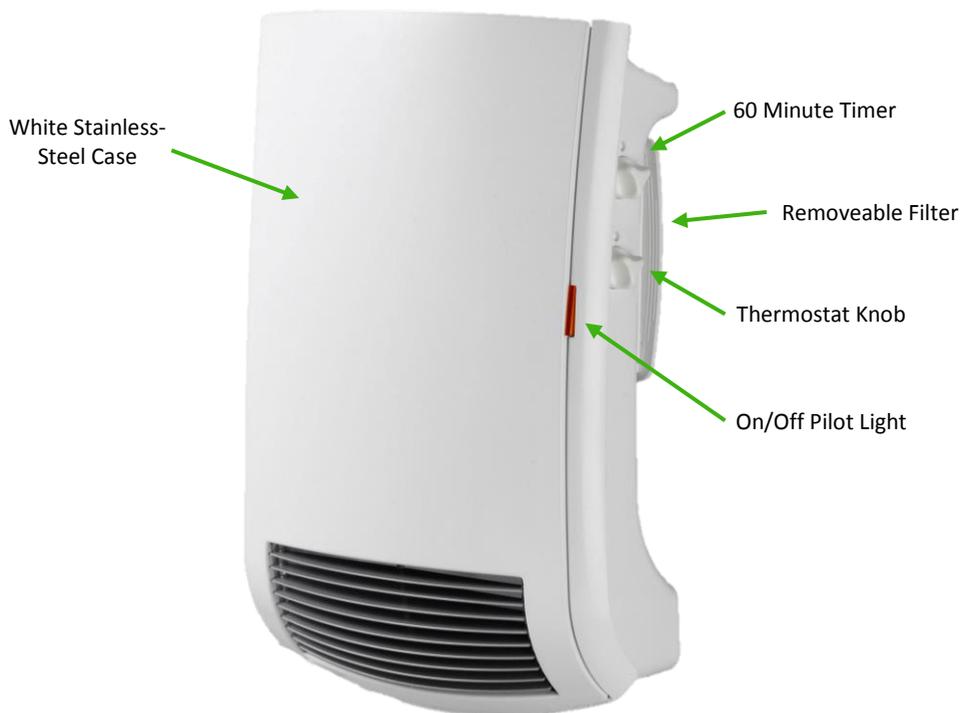
Clean the product with water when connected to power

Immerse the unit in water

Wind the cable around the unit while operating

Leave the heater operating in small rooms if the room is unoccupied or the occupant is unable to leave the room or turn the unit off

## Features



### Filter:

The TF1000 is fitted with a filter to protect the heating elements from dust and dirt. The filter is removeable for easy cleaning and maintenance and can be accessed from either side of the unit. To keep the unit in perfect condition we recommend that the filter is cleaned at least every six months.

### Towel Rail:

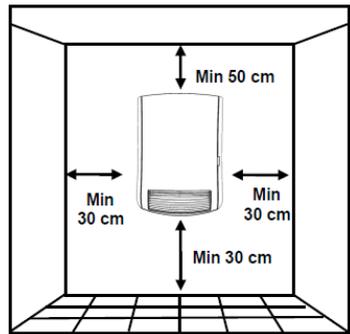
The TF100 can be fitted with an optional towel rail which can hold two towels. The towels must be hung over the rails and not folded up, to prevent the unit from overheating.

## Positioning

The TF1000 Bathroom Fan Heater is designed to be mounted on the wall in the vertical position. The Heater has a double insulation electrical circuit (class II) and therefore does not require an earth connection.

The TF1000 has an IP rating of IPX4 which means it can be used in bathrooms and areas subject to humidity as long as it is not installed within the perimeter of baths and showers. The heater can be installed in Zones 2 and 3.

We recommend that the TF1000 Bathroom Heater is installed a minimum of 50cm from the roof and 30cm from the floor and walls.



## Installation

If you are installing the towel rail with your fan heater this must be fitted before mounting the TF1000 to the wall. Fit the towel rail into the holes underneath the heater. Insert and tighten the four short screws supplied with the Heater to secure the rail to the unit.

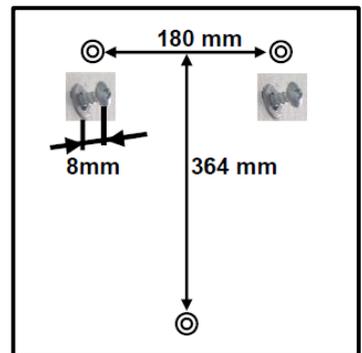
Drill two 6mm diameter holes in the wall 180mm apart where you want the top of the unit to be positioned. Drill one 6mm diameter hole 364mm below in the centre of the two top holes. Insert the three wall plugs supplied with the unit.

Insert the two upper screws, ensuring that you leave a distance of 8mm sticking out from the wall which will allow the unit to hang on.

Line up the holes on the back of the unit with the two screws and hang the unit up. **CAUTION** before letting go of the unit ensure that it is secure on the two screws.

Finally, secure base of the unit to the wall with the long screw provided.

Plug your fan heater into a power point.



## Understanding Your TF1000 Fan Heater

The TF1000 Bathroom fan heater has a thermostat and 60minute timer which are controlled by the knobs on the unit.

There are two different operating modes:

### 1. Maintaining your comfort temperature

Starting from the anti-freeze position “✱”, turn the thermostat knob clockwise until you hear a “click”: the fan heater starts working at 1000W and the indicator LED lights up.

The thermostat maintains the required ambient temperature by automatically turning the heater on and off. As the knob is turned clockwise the ambient temperature the unit to heat to will increase. The maximum temperature is approximately 35°C, and the anti-freeze temperature is 5°C.

The TF1000 Fan Heater will not turn on if the room temperature is more than 35°C and in reverse the heater will continue to heat if the room temperature is below 5°C.

To optimise use of the thermostat, turn the thermostat knob to maximum and wait until a comfortable temperature is reached; then turn the thermostat knob anti-clockwise until you hear a “click” and the heater turns off; turn the thermostat knob clockwise just a little; in this position, the thermostat will maintain the selected ambient temperature.

### 2. Rapid Heat-up

Adjust the ambient thermostat to the required temperature and then turn the timer knob to select the required operating time. The product rapidly heats the room using a 1800W boost for the set time and then reduces power to 1000W to maintain the ambient temperature selected with the thermostat.

When the heater is working under timer control at 1800W the thermostat doesn't control the room temperature. In this condition, do not use the heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided by a person responsible for their safety.

## Troubleshooting

The TF1000 Fan Heater is fitted with a safety device that will automatically disable the heating element and motor in the event of the unit overheating. If this occurs the unit will stop working immediately although the indicator LED light stays on.

In the case of the unit overheating:

- Turn off the fan heater and allow it to cool down for about 15/20 minutes.
- Make sure the dust filter is not totally obstructed and clean if necessary. Remember to put it back again afterwards.
- Eliminate any other possible reasons for overheating (e.g.: obstructions in front of the air inlet/outlet grilles, build-ups of dirt).
- Turn on the fan heater again and check it works correctly.
- If the product needs servicing, call in a qualified specialised technician.

**i** If you notice irregular operation, damage to the heating element or to the structure of the appliance, disconnect the product from the mains power supply and contact technical support on 1300 368 631.

## Technical Data

Supply Voltage	230V
Wattage	1000-1800W
Warranty	2 Years
IP Rating	IP24
Width	285mm
Height	410mm
Depth	115mm
Heating Capacity	10-15 m <sup>2</sup>

## Warranty

Thermogroup covers all its products with a satisfaction guarantee. In addition, Thermogroup will supply a replacement product where a fault is shown to be caused by manufacture, materials or workmanship providing the goods have been installed correctly and according to installation instructions. This guarantee does not include removal, freight or installation costs. Thermogroup's products come with guarantees that cannot be excluded under Australian Consumer Law and you are entitled to a replacement or refund for a major failure & compensation for any other reasonable foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The TF1000 Fan Heater has a 2 year warranty. To use the warranty, repair or service the customer must provide purchase invoice/receipt, and any other relevant details.

If the product develops a fault within the warranty period due to normal wear and tear, Thermogroup at its discretion will recognise whether it's a faulty product or not. If it is impossible or not economical for the manufacturer to repair the product, the manufacturer will replace the faulty product with a new unit of the same model or if there is no stock available of the same model as the product, the manufacturer will replace the product with a new unit of a similar size. No responsibility can be taken for altered dimensions and lining up of existing holes.

The repair service offered within the warranty period only covers the faults and problem as developed from the manufacturer's errors. Any damage caused by improper use or carelessness or incorrect wiring is not covered.

Thermogroup is not responsible for any monetary loss or injuries caused by improper use of this product.

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