

### Convector Heater

ML2T, ML2TS, ML2TSF, ML2TSTi, ML2TSFTi  
ML3T, ML3TS, ML3TSF, ML3TSTi, ML3TSFTi

Designed to provide gentle background heating, to take the chill off a room. Ideally to be used with a principal source of heating.

As with all portable heating appliances: This product is suitable only for well insulated spaces or occasional use.



These products comply with all the required European and UK Product Safety, Electromagnetic Compatibility and Environmental Standards. They are fully compliant with the LVD, EMC, RoHS and Eco Design Directives and Regulations.

# Installation and Operating Instructions

IMPORTANT: THESE INSTRUCTIONS SHOULD BE READ CAREFULLY BEFORE USE AND RETAINED FOR FUTURE REFERENCE

## IMPORTANT SAFETY ADVICE

**WARNING:** To avoid danger of suffocation please remove all packaging materials particularly plastic and EPS and keep these away from vulnerable people, children and babies.

**WARNING:** To avoid the risk of accidental strangulation from the supply cord all children and vulnerable people must be supervised when in the vicinity of the product whether it is working or not.

**DO NOT** pull, carry or move the appliance using the power cable.

**DO NOT** use the heater in the immediate surroundings of a bath, a shower or a swimming pool.

**DO NOT** place the heater directly below a fixed socket outlet.

The socket-outlet must be accessible at all times to enable the mains plug to be disconnected as quickly as possible.

**WARNING:** In order to avoid overheating, do not cover the heater.



This heater carries the warning symbol indicating that it must not be covered.

**DO NOT** cover or obstruct the air inlet and outlet openings in any way.

**DO NOT** use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

**IMPORTANT:** If the mains lead of this appliance is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

**CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

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 or knowledge if they have been given supervision or instruction concerning the 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 the 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.

**DO NOT** use this heater if it has been dropped.

**DO NOT** use if there are visible signs of damage to the heater.

Use this heater on a horizontal and stable surface with the feet securely fitted.

**WARNING:** To reduce risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1m from the appliance.

**WARNING:** Risk of fire - Do not use this appliance connected through an extension lead or any external switching device such as a plug in timer or remote control plug in adaptor. All heating appliances draw high current through the mains supply and any weakness in the design, connections or components in these devices can easily result in overheating of the connection points resulting in melting, distortion and even the risk of fire!

**DO NOT** use the heater on deep pile carpets or the long hair type of rugs, or less than 750mm (30") away from any overhanging surface. Keep combustible materials such as drapes and other furnishings clear from the front, sides and rear of the heater. Do not use heater to dry your laundry.

**DO NOT** operate the heater with the mains lead overhanging the outlet grill.

**DO ENSURE** that the mains lead cannot be tripped over.

If the radiator is tipped over, unplug it and allow it to cool before standing it back up.

**IMPORTANT:** The feet supplied with the appliance must be used.

This instruction leaflet belongs to the appliance and must be kept in a safe place. If changing owners, the leaflet must be surrendered to the new owner.

# Dimensions & Clearances

All Dimensions in millimetres

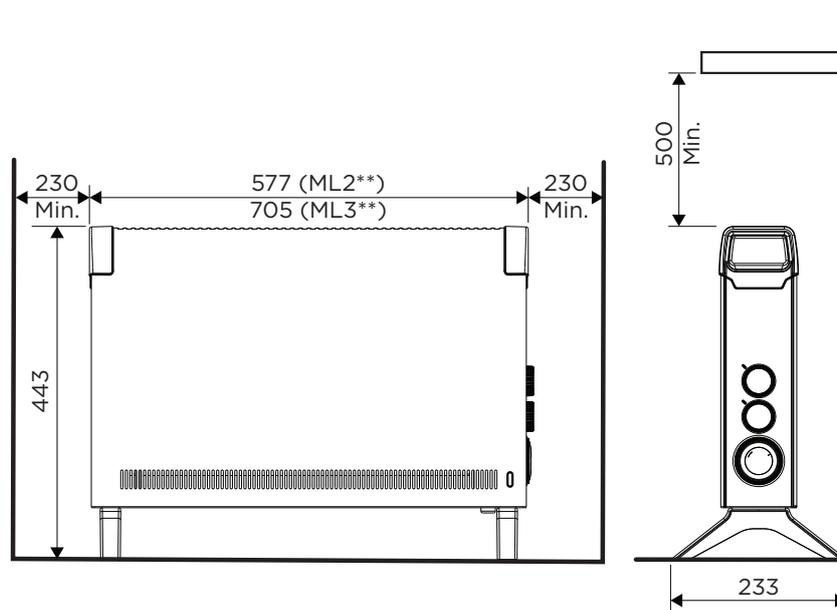


Fig.1

## Technical Data

Model Identifier(s):		ML2T	ML3T	ML2TS	ML3TS	ML2TSF	ML3TSF	ML2TSTI	ML3TSTI	ML2TSFTI	ML3TSFTI	
Specification												
Electro-mechanical Thermostat Temperature control		Yes		Yes		Yes		Yes		Yes		
Turbo Fan		No		No		Yes		No		Yes		
Heat Selection		No		Yes		Yes		Yes		Yes		
Feet for portable use		Yes		Yes		Yes		Yes		Yes		
Wall mountable		No		No		No		No		No		
Heat output												
Nominal heat output	P <sub>nom</sub>	2.0	3.0	2.0	3.0	2.0	3.0	2.0	3.0	2.0	3.0	kW
Minimum heat output (indicative)	P <sub>min</sub>	1.2	2.0	1.2	2.0	1.2	2.0	1.2	2.0	1.2	2.0	kW
Maximum continuous heat output	P <sub>max,c</sub>	2.0	3.0	2.0	3.0	2.0	3.0	2.0	3.0	2.0	3.0	kW
Auxiliary electricity Consumption												
At nominal heat output	e <sub>lmax</sub>	0.0		0.0		0.0		0.0		0.0		kW
At minimum heat output	e <sub>lmin</sub>	0.0		0.0		0.0		0.0		0.0		kW
In standby mode	e <sub>lSB</sub>	0.0		0.0		0.0		0.0		0.0		kW
Type of heat output/ room temperature control												
With electro-mechanical thermostat room temperature control												Yes
Contact details	<b>UK:</b> Glen Dimplex UK Ltd., Millbrook House, Grange Drive, Hedge End, Southampton SO30 2DF <b>ROI:</b> Glen Dimplex Europe Limited, Airport Road, Cloghran, County Dublin, K67 VE08											

## Electrical Connection

### WARNING: THIS APPLIANCE MUST BE EARTHED

The use of an extension lead or multi-plug adaptor is not advised when connecting this product to the mains. Connection through these devices could lead to risk of overloading, overheating and even fire at the extension lead or adaptor due to inadequate connection quality

This heater must be used on an AC (-) supply only and the voltage marked on the heater must correspond to the supply voltage. This heater is fitted with a rewirable plug incorporating a 10/13 amp fuse. In the event of replacing the fuse in the plug supplied, an equivalent 10/13 amp fuse approved by ASTA to BS 1362 must be used. If any other type of plug is used, a 15 amp fuse must be fitted in the plug, the adaptor, or at the distribution board.

IMPORTANT: If the plug is not suitable for your socket, the 13 amp plug should be removed. Before wiring the appropriate plug, please note that the wires in this mains lead are coloured in accordance with the following code:

<b>GREEN AND YELLOW:</b>	<b>EARTH</b>
<b>BLUE:</b>	<b>NEUTRAL</b>
<b>BROWN:</b>	<b>LIVE</b>

Connect the **GREEN AND YELLOW** wire to the terminal marked '**E**' or by the earth symbol  $\oplus$ , or coloured **GREEN** or **GREEN AND YELLOW**. Connect the **BROWN** wire to the terminal marked '**L**' or coloured **RED**. Connect the **BLUE** wire to the terminal marked '**N**' or coloured **BLACK**.

## General

The heater is designed for operation on an AC electricity supply, and is suitable for use in domestic dwellings and similar indoor locations.

The heater is supplied with feet and handles for ease of movement. An electronic control provides the ability to choose an available heat output and control the room temperature. It is supplied with a cord and plug and is ready for use once the feet have been correctly fitted.

## Assembly and Positioning

The ML Convector can only be used as a portable heater.

To install the feet, lay the heater on its back and remove the two foot fixing screws, highlighted in Fig. 2. Assemble the feet by pressing them firmly into the convector body as indicated in Fig. 2, the foot should clip into position. Secure using the foot fixing screw, Return the convector to the upright position,

The appliance is now ready for use.

Always ensure that the heater is stood on a firm, level base near to, but not directly underneath a suitable mains supply socket.

Ensure that curtains and furniture are not positioned close to the chosen position.

If young children, the aged or infirm are likely to be left in the vicinity of the heater, we advise that the adequate precautions should be taken. We recommend that a guard be fitted to ensure contact with the heater is avoided and objects cannot be inserted into the product.

WARNING: PLEASE ENSURE THE MINIMUM CLEARANCE DIMENSIONS INDICATED IN Fig.1 ARE MAINTAINED  
WARNING: The heater must only be operated with the feet securely fitted and in the upright position. Never use the heater as a portable appliance without the feet securely fitted using the screws provided.

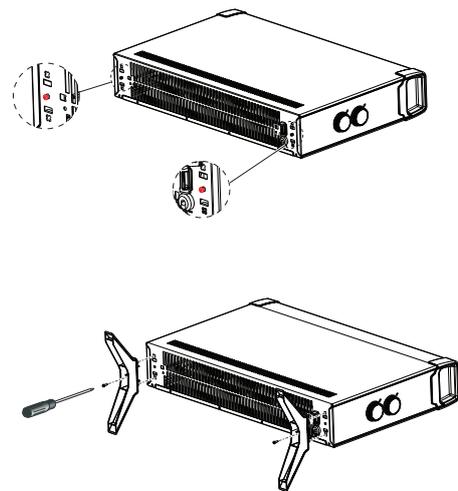


Fig. 2

## Operation

IMPORTANT - OBJECTS OR CLOTHING MUST NOT BE PLACED ON THIS HEATER.

Before using the heater ensure that all warnings and instructions have been carefully read.

To activate the heater, after installation or assembly, simply plug it in.

Note: The element has been coated with a protective film which will burn off during the first few minutes of use, this may cause a small amount of fuming. This is quite normal - the fumes are non-toxic and will quickly disappear.

We recommend that you open a window to ventilate the room when using the heater for the first time.

## Controls

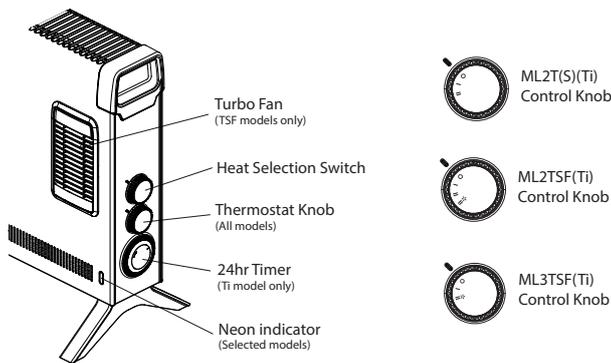


Fig. 3

### INDICATOR NEON (SELECTED MODELS)

The indicator neon comes on when the appliance is connected to mains supply.

### THERMOSTAT (ALL MODELS)

The thermostat controls the heat output according to the room temperature.

This ensures that the heater will not produce heat unnecessarily when the room is warm.

To set the temperature you require, Gradually turn the thermostat knob clockwise until the desired temperature is reached. Allow some time between increments for the room temperature to stabilise. Alternatively to heat a cold room quickly, turn the thermostat knob to the Max position. When the room has reached the desired temperature, turn the thermostat knob anti-clockwise until the thermostat clicks off. The heater will then automatically maintain this room temperature.

The thermostat also has a frost protection setting marked '❄'. This setting is useful in areas such as garages to prevent frost damage. If the thermostat is set to its minimum setting '❄', the heater will cycle ON and OFF to maintain a temperature of approximately 5°C to help protect against frosty conditions.

Note - Should the heater fail to come on when the thermostat is at a low setting, this may be due to the room temperature being higher than the thermostat setting.

### HEAT SELECTOR SWITCHES (SELECTED MODELS)

Selected models are supplied with a rotary switch offering up to four settings. The heat output can be altered to suit the application, conditions and for improve the economy of operation.

Available output options are as follows:

Model	Switch setting			
	O	I	II	⏏
ML2T	N/A	N/A	N/A	N/A
ML3T	N/A	N/A	N/A	N/A
ML2TS	Off	1200W	2000W	N/A
ML3TS	Off	2000W	3000W	N/A
ML2TSF	Off	1200W	2000W	2000W
ML3TSF	Off	2000W	3000W	3000W
ML2TSTi	Off	1200W	2000W	N/A
ML3TSTi	Off	2000W	3000W	N/A
ML2TSFTi	Off	1200W	2000W	2000W
ML3TSFTi	Off	2000W	3000W	3000W

### MECHANICAL TIMER (SELECTED MODELS)

Note: The timer clock will only operate when the product is connected to the mains supply.

#### Operation modes

There are two operating modes on the timer, Manual operation and Auto operation. The operation mode is set using the slide switch on the timer - see Fig 4.

#### Manual operation (Position - I)

This setting allows power to the product uninterrupted by the timer, however other product controls will continue to function as normal.

#### Auto operation (Position - ⏏)

This setting allows the heater to be controlled by the timer. The product will be switched on and off depending on the pre-set timer program.

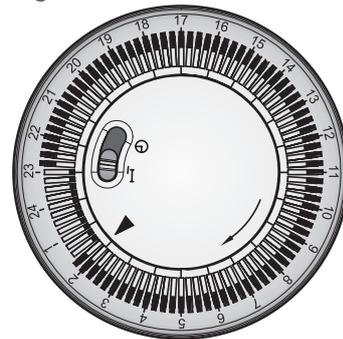


Fig. 4

#### Setting the time of day

To set the time of day, rotate the timer dial clockwise (indicated by the arrow) until the correct time of day is opposite the reference mark ► - see Fig. 4. The 24-hour clock is used ; e.g. 4 pm is '16' (16:00hrs).

#### Setting the 'Auto' ON and OFF times

To set the timer :

- Using your finger tip or the tip of a pencil, push in as many segments as necessary around the dial, according to the times you don't require heat - see Fig. 5. Each segment pushed in switches the heater OFF for that part of the hour. All other segments will be ON. For example, Fig. 5 shows the timer set to switch the heater OFF between 11pm and 1.45am.

- You can select as many ON periods as you like, within the 24-hour day. The settings will repeat every day until changed.
- To change ON and OFF times, simply push in any 'ON' segments you wish to cancel and pull out new 'ON' segments as required.

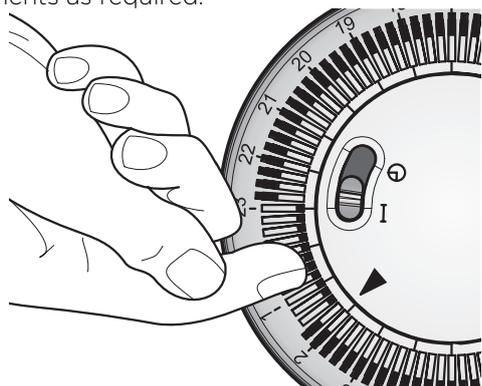


Fig. 5

#### Switching to auto

Ensure the thermostat and/or the heat selector are set for the desired heat output.

Check that the clock shows the correct time of day. Set the mode slide switch to **I**, the heater will switch ON and OFF according to the timer settings - see Fig. 5.

#### Note

Remember to observe all safety warnings when operating the heater on auto setting unattended or attended .

If the mains supply to the heater is interrupted, the timer clock will stop until power is restored ; reset the time of day to ensure correct ON and OFF times.

## Safety Features

This appliance incorporates a number of safety devices. In addition to the 'Important Safety Advice' section your attention is drawn to the following:

#### SAFETY OVERHEAT PROTECTION

The heater is fitted with a thermal cutout which will switch off the heater should it overheat for any reason. If the thermal cutout operates, unplug the unit immediately. Allow the heater to cool down completely and remove the cause of the over heating.

#### TILT SWITCH (SELECTED MODELS)

The product is fitted with a safety tilt switch which will prevent the heater from working if the heater is accidentally tipped over in any direction.

If the heater is tipped over while it is hot, disconnect the power and allow it to cool, then stand the heater back upright. Reconnect the power - normal operation should be resumed.

Note: The tilt switch mechanism makes a muted rattling noise when the product is moved or tilted, this is not a fault, this noise is normal.

## Additional

#### TURBO FAN (SELECTED MODELS)

The turbo fan is used to boost the airflow around the room. This circulates the heat better and results in a reduced heat up time and a more even heat distribution.

The turbo fan is controlled by the Control knob.

#### IMPORTANT NOTES

Although this heater is manufactured to comply with the relevant safety standards, certain types of carpets could become discoloured by the temperatures under a portable heater. If you are concerned about this, we recommend that you contact the carpet manufacturer for guidance. Alternatively, stand the heater on a suitable base to shield the carpet - call our Helpline for further advice.

You may notice some parts of the element appearing to be hotter from time to time because of the variable airflow through the heater. This does not cause a safety hazard.

The heat outlet grille may become discoloured with use - this is caused by airborne pollution and is not a fault.

#### STORAGE

If the heater is not required for long periods, for example during the summer, it should be stored in a dry place and preferably covered to prevent the accumulation of dirt and dust.

#### CLEANING

**WARNING - ALWAYS DISCONNECT THE POWER SUPPLY BEFORE CLEANING THE HEATER.**

Do not use detergents, abrasive cleaning powder or polish of any kind on the body of the heater.

Allow the heater to cool, then wipe with a dry cloth to remove dust and a damp cloth (not wet) to clean off stains. Be careful not to allow moisture in to the heater.

#### RECYCLING



For electrical products sold within the European Community.

At the end of the electrical products useful life it should not be disposed of with household waste.

Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country. If you don't intend to keep the packaging of this product for later use or storage, please dispose of it in an eco-friendly way, please dispose of it in your recycling bin or nearest recycling facility, thank you.



# Guarantee

## What does a Dimplex Guarantee cover?

Dimplex products deliver reliable service for normal, household use in domestic settings. All Dimplex products are individually tested before leaving the factory.

If you are a consumer and you experience a problem with your Dimplex product, which is found to be defective due to faulty materials or workmanship within the Guarantee Period, this Dimplex Guarantee will cover repair or - at the discretion of Dimplex - replacement with a functionally equivalent Dimplex product.

Your product is under Guarantee for 1 year from the date of purchase or the date of delivery of the product, if later. The 1 year Guarantee is extended for an additional 2 years when you register the product with Dimplex, within 28 days of purchase. If you do not register the product with Dimplex within 28 days, your product will remain warranted for 1 year only. To validate your extended Guarantee register with us online at: <http://register.dimplex.co.uk>. N.B. Each qualifying product needs to be registered with Dimplex individually. Please note that the extended Guarantee is only available in the UK and Ireland.

The Dimplex Guarantee is conditional upon you providing the original purchase receipt as proof of purchase. Please therefore retain your receipt as proof of purchase.

If you do experience a problem with your Dimplex product please call the Helpline on +44 [0]344 879 3588 or visit <https://www.dimplex.co.uk/support>. For ROI please email [serviceireland@glendimplex.com](mailto:serviceireland@glendimplex.com) or call +353(0)1 842 4833. We will need details of your Dimplex product and a description of the fault which has occurred. Once we receive your information and proof of purchase we will contact you to make the necessary arrangements. If your Dimplex product is not covered by this Dimplex Guarantee there may be a charge to repair your product. However, we will contact you for agreement to any charges before any chargeable service is carried out.

## What is not covered by a Dimplex Guarantee?

The Dimplex Guarantee does not cover any of the following:

Any fault or damage to your Dimplex product due to faulty materials or workmanship occurring outside the Guarantee Period. Normal wear and tear including parts that might wear out over time or consumables, such as filters.

Any fault or damage occurring to any pre-owned Dimplex product or to any other equipment or property.

Accidental damage to your Dimplex product or damage to your Dimplex product from external sources (for example, transit, weather, electrical outages or power surges).

Fault or damage to your Dimplex product which is:

- Not due to faulty materials or workmanship or which is due to circumstances outside Dimplex's control.
- Caused by use of your Dimplex product for anything other than normal domestic household purposes in the country where it was purchased.
- Caused by any misuse, abuse or negligent use of the Dimplex product, including but not limited to any failure to use it in accordance with the Operating Instructions supplied with the product.
- Caused by any failure to assemble, install clean and maintain your Dimplex product in accordance with the Operating Instructions supplied with the product unless this was carried out by Dimplex or its authorised dealers.
- Caused by repairs or alterations to your Dimplex product not carried out by Dimplex service personnel or its authorised dealer(s).
- Caused by use of any consumables or spare parts for your Dimplex product which are not Dimplex - specified.

## Terms and Conditions

The Dimplex Guarantee is valid for 1 calendar year, plus 2 if registered, from the date of purchase of your Dimplex product from a recognised retailer in the country of purchase and use, or the date of delivery of the product if later, always provided the original receipt has been retained and is produced as proof of purchase.

You must provide to Dimplex or its authorised agents on request the original receipt as proof of purchase and - if required by Dimplex - proof of delivery. If you are unable to provide this documentation, you will be required to pay for any repair work required. Any repair work under the Dimplex Guarantee will be carried out by Dimplex or its authorised dealer(s) and any parts that are replaced will become the property of Dimplex. Any repairs performed under the Dimplex Guarantee will not extend the Guarantee Period.

The Dimplex Guarantee does not entitle you to recovery of any indirect or consequential loss or damage including but not limited to loss or damage to any other property.

The Dimplex Guarantee is in addition to your statutory rights as a consumer and your statutory rights are not affected by this Dimplex Guarantee.

## Contact Dimplex

A brand of the Glen Dimplex UK Limited, trading as Glen Dimplex Heating & Ventilation

If you have any questions about what the Dimplex Guarantee covers and does not cover or how to claim under the Dimplex Guarantee, please contact us: Glen Dimplex Heating & Ventilation, Grange Drive, Hedge End, Southampton SO30 2DF

Telephone: 0344 879 3588

Email: [customer.services@glendimplex.com](mailto:customer.services@glendimplex.com)

Visit: [www.dimplex.co.uk](http://www.dimplex.co.uk)