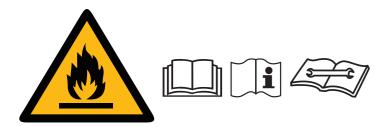


# INSTRUCTION MANUAL



These products fully comply with all current European Safety Standard requirements for Dehumidifiers, and, are fully compliant with the Low Voltage Directive 2014/35/EU, the EMC Directive 2014/30/EU and the RoHS Directive 2011/65/EU.



NB These symbols on your device mean:

- This appliance is filled with Propane gas R290. Follow strictly the manufacturer's instruction concerning use and repairs!
- Before using this appliance, you must carefully read the entire instruction manual.
- Do not install, operate or store the device in a room with a floor area smaller than 4m<sup>2</sup> for 10L/12L models, and 7m<sup>2</sup> for 14L models.
- Repairs must be performed based on the recommendations from the manufacturing company.

### **SPECIFIC SAFETY NOTES RELATING TO REFRIGERANT R290:**

- ENVIRONMENTAL INFORMATION: This unit contains fluorinated greenhouse gas covered by the Kyoto Protocol.
- This appliance contains the refrigerant R290.
- R290 is a refrigerant that complies with European ecological standards; nevertheless, it is recommended not to pierce the cooling circuit of the machine. At the end of its useful life, deliver the appliance to a special waste collection center for disposal.
- GWP (Global Warming Potential) R290 = 3.
- If the appliance is installed, operated or stored in a non-ventilated area, the room must be designed to prevent the accumulation of refrigerant leaks resulting in a risk of fire or explosion due to ignition of the refrigerant caused by electric heaters, stoves, or other sources of ignition.
- When defrosting and cleaning the appliance, do not use any tools other than those recommended by the manufacturing company.
- The appliance must be placed in an area without any continuous sources of ignition (for example: open flames, gas or electrical appliances in operation).
- Do not pierce or burn any of the components of the cooling circuit of the unit. Do not set light to the unit.
- The appliance must be stored in such a way as to prevent mechanical failure or damage.
- Appliance must be installed, operated and stored in a room with a floor area larger than 4m<sup>2</sup> for 10L/12L models, and 7m<sup>2</sup> for 14L models.
- Be aware that the refrigerant gases may be odourless, which means you cannot smell leaks.
- Compliance with national gas regulations must be observed.
- Individuals who operate or work on the refrigerant circuit must have the appropriate certification issued by an accredited organization that ensures competence in handling refrigerants according to a specific evaluation recognized by national associations in the industry.
- Maintenance and repairs that require the assistance of other qualified personnel must be performed under the supervision of an individual specifically gualified in the use of flammable refrigerants.
- Keep ventilation openings clear of obstruction.



### CAUTION: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE INJURY AND/ **OR DAMAGE AND MAY INVALIDATE YOUR GUARANTEE**

Please read the operating instructions carefully before using your dehumidifier for the first time and keep them in a safe place.

**WARNING** - This appliance must not be used in a bathroom.

**WARNING** - Do not use this appliance in the immediate surroundings of a bath, a shower or a swimming pool.

- Never immerse the appliance in water or other liquids.
- Operate this unit only on a firm, flat surface to avoid the risk of water leakage. Ensure that the unit is kept upright at all times (including during transport and storage). If it is overturned at any stage it should be left standing upright for 24 hours before use.
- Do not place on soft, unstable or non-horizontal/angled surfaces.
- malfunction or if the appliance was dropped or is otherwise damaged.
- If the mains lead is damaged it must only be replaced by the manufacturers service agent or a similarly gualified person in order to avoid a hazard.
- Please ask a professional service agent to repair the product. Improper repair may cause danger to users.
- Disconnect the appliance from mains power whenever it is not in use, before relocating it, and before cleaning.
- Operate the appliance only at the voltage specified on the rating label.
- Only connect the unit to a properly installed and easily accessible socket so that you can quickly disconnect the plug if necessary.
- Do not connect this product to the mains using an extension lead.
- Do not connect the dehumidifier to a multiple socket outlet, which is also being used for other electrical appliances
- This dehumidifier is only intended for **INDOOR RESIDENTIAL** applications. This dehumidifier should not be used for commercial or industrial or leisure applications or in small enclosed spaces.
- Never use the mains lead as a carrying strap or pulling lead.
- To avoid a fire or electrocution hazard, **NEVER** put the cord near heat registers, radiator, stoves or heaters.
- DO NOT cover cord with carpeting, throw rugs, runners, or similar coverings.
- from traffic areas and where it will not be a tripping hazard.
- **DO NOT COVER**. Never cover or obstruct in any way the outlet at the top of the dehumidifier or the air inlet slots at the rear of the dehumidifier.
- from walls, furniture and overhanging objects such as curtains or a shelf.

#### THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE. Note also the information presented on the appliance

• Never operate the appliance if a cable or connector has been damaged, after appliance

• **DO NOT** route cord under furniture or appliances. Take care to position the cord away

• Only operate this appliance with a minimum of 50cm clearance all around i.e. away

- 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.
- Children of less than 3 years should be kept away unless continuously supervised.
- To prevent spillage, empty the water tank before lifting or relocating the appliance.
- Do not tip the appliance to any side as escaping water could damage the appliance.
- Do not use in cabinet, closet, boats, caravans or similar locations.
- Leave the unit to stand for 12 hours before connecting to the mains supply after transport or when it has been titled (ex. During cleaning).
- Only use the unit in the upright position on a flat level surface
- Do not use the unit in a potentially explosive environment containing combustible liquids, gases or dusts.
- Do not use the appliance in the vicinity of flammable or explosive substances or fuels. Never use any paint, cleaning sprays, anti-insect sprays or similar near the unit; this could damage or deform the plastic or cause electrical damage.
- Never leave this product running unsupervised.
- WARNING: Never leave water in the reservoir when the appliance is not in use, microorganisms can grow in stagnant water, the water tank should be emptied and cleaned regularly and properly. Empty the tank, clean and dry it when not in use and before putting into storage.
- CAUTION: Clean and empty the water tank at least every third day. Empty the water tank and clean it with fresh tap water or mild detergent. Remove any scale, deposits, or film that has formed on the sides of the water tank or on interior surfaces using soft non-abrasive cleaning agents (such as washing up liquid), wipe all surfaces dry on completion.
- WARNING The water collected in the tank is must never be used for drinking, it is not suitable for human, bird or animal consumption.
- Be aware that high humidity levels may encourage the growth of biological organisms in the environment.
- Monitor the area around the dehumidifier to ensure there is no damp or wet. Do not allow absorbent materials, such as carpeting, drapes, or tablecloths to become damp.
- When the unit stops, you have to wait for 3 minutes before you can restart the unit to protect the compressor from damage
- Air inlet filter must be cleaned regularly to ensure correct operation and to avoid damage to the appliance.
- Never operate the product without the filter
- 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.

- IMPORTANT: Do not use this unit where the ambient temperature is lower than 5°C, of the product and potentially cause a malfunction.
- NEVER drop or insert any object into any openings.
- Do not use the appliance in locations where paint, petrol or other flammable liquids are used or stored.
- Do not use bug sprays or other flammable cleansers/vapour sprays on or around the unit.
- Always switch off the unit and take the plug out of the socket.
- If you are not using the unit
- Before you clean or carry out maintenance on the unit
- If a fault occurs
- In the event of an electrical storm.

otherwise the evaporating coil will ice up heavily and this will affect the performance





Where small children may be left unattended



On a slope or uneven surface



Where there is a risk of interference by foreign objects



Near water



If an extension lead may become overload



Where there is risk of fire or close to a naked flame



This product is not made for DIY repair



If the power cable wires are frayed or cut



Where the power cable may be damaged



Where it may be damaged by chemicals



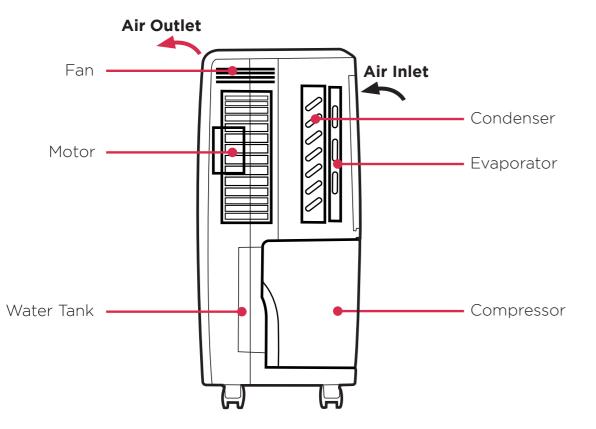
If there is a risk of water falling on the unit

# Specification

Model no.	10L	12L	14L
Power supply	220-240V~, 50Hz		
Max Dehumidification capacity at 30°C, 80%	10L/day	12L/day	14L/day
Max Dehumidification capacity at 21ºC, 59%	3.3L/day	4.4L/day	4.7L/day
Max Dehumidification capacity at 10°C, 59%	1.5L/day	1.7L/day	1.5L/day
Working range	5 ~ 32°C		
Water tank	2.5 L		
Size (WxDxH)	300 x 204 x 459 mm		
N.W.	10.5 kg	11 kg	11.5 kg
Standard Ampere consumption	1.5A	1.5A	1.4A
Air volume (max.)	130M3/h		
Compressor	Reciprocating		
Maximum Suction Pressure (MPa)	0.82MPa	0.82MPa	0.82MPa
Maximum Discharge Pressure (MPa)	2.2MPa	2.2MPa	2.2MPa
Maximum Pressure of Coil (MPa)	9.6MPa	9.6MPa	9.6MPa
Refrigerant	R290		
GWP	3		
Refrigerant Charge (kg)	0.035kg	0.045kg	0.065kg
CO2 Equivalent (tonnes)	0.000105 tonnes	0.00012 tonnes	0.000195 tonnes
Contains fluorinated greenhouse gases. Hermetically sealed system.			
Importer: Glen Dimplex Heating & Ventilation, Grange Drive, Hedge End, Southampton SO30 2DF			
Power Consumption (P) (W)	290W	290W	280W
Standby Power Consumption (PSB) (W)	0.35W	0.35W	0.35W
Sound Power Level (LWA) (dBA)	41.5dB(A)	41.5dB(A)	41.5dB(A)
Maximum Air Velocity (c) (m/s)	19.1 m/s	19.1 m/s	19.1 m/s

• The data marked with \* may vary for technical reasons. For greater precision, please refer to the rating label placed on the product.

• Test condition for data in our rating label is as per safety regulation: EN 60335-2-40 • Note that when the dehumidifier is in operation, the running compressor will produce heat, this is normal and may potentially raise the room temperature.



This product is a dehumidifier. It controls relative humidity by passing the air through the unit, forcing the excess moisture to condensate over the cooling elements. Contact with this cold surface causes the moisture in the air to condense. This condensed water then drains safely into the water tank. The dried air then passes through the condenser where it is slightly warmed and re-enters the room at a slightly elevated temperature.

### Where To Position

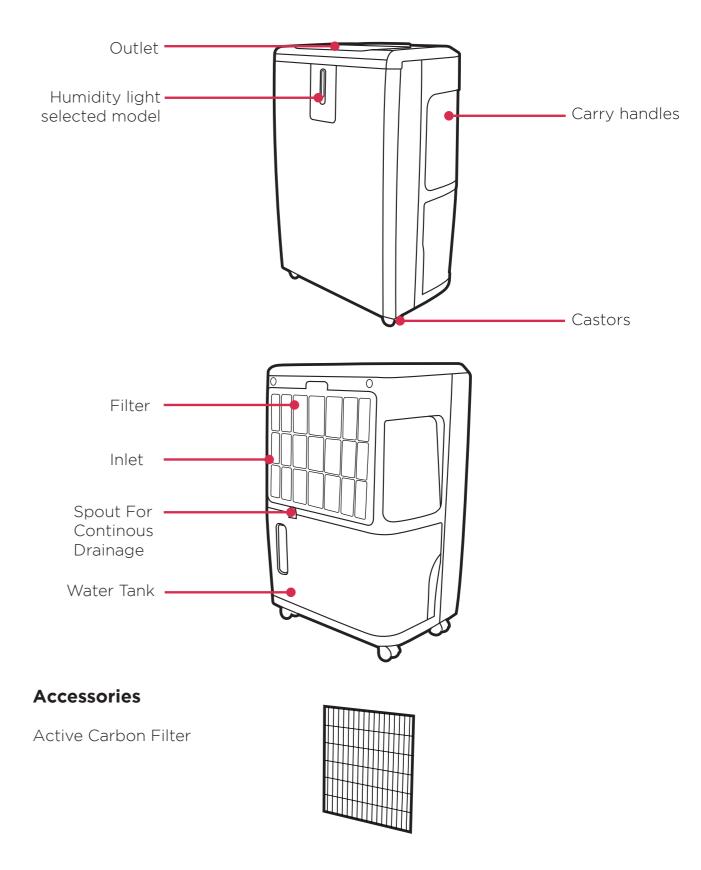
Excess moisture will travel throughout your home, in the same way that cooking smells waft to every room in the house. For this reason, the dehumidifier should be positioned, so that it can draw this moist air towards it from all over the home. Alternatively, if you have a serious problem in one area you can begin by positioning the dehumidifier close to this area and later moving it to a more central point.

When positioning the dehumidifier, ensure that it is placed on a level surface and that there is a minimum of 30 cm (12") of space on either side of the unit to allow for efficient airflow.

This dehumidifier is fitted with castors for extra mobility, if you move the unit, it should first be switched off and the water tank emptied. We do not recommend the use of an extension lead, so please try to ensure that the unit is sufficiently close to a fixed mains socket.

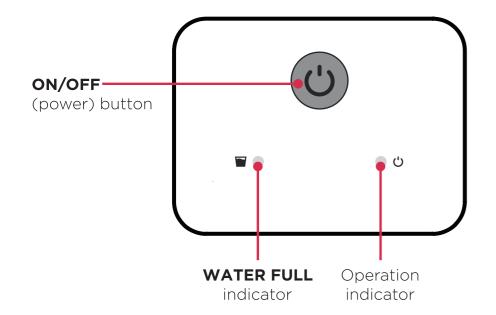
When the dehumidifier is in operation, outside doors and windows should be closed for most effective and efficient operation.

### Parts



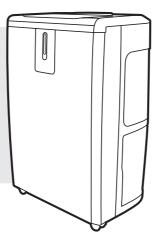
The Active Carbon Filter is used for capturing the smaller particles of dust suspended in the air and for absorbing formaldehyde, benzene and other noxious gases. It has a limited life span and should be replaced when it becomes obviously dirty/discoloured. The useful life expectancy of the filter will depend on the conditions where it is used and the type of use/amount of use the product is subjected to.

# Control Panel (selected models)



- 1. Plug the unit into a correct mains socket. (Please refer to the rating label at the rear of the unit for correct voltage/frequency.)
- 2. Press **ON/OFF** button to turn on the unit. The compressor will start to work in continuous mode.
- 3. To turn off the unit, press **ON/OFF** button again.
- 4. When the water tank is full, the "Full Water" indicator will light on for alarm, the compressor will stop for self-protection

Blue light - room humidity > 70% (too moist) Green light - room humidity 50~70% (Just right) Red light - room humidity < 50% (Too dry) Red light flashing - water full alarm Selected models only

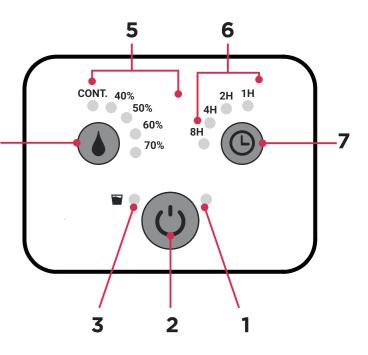


# Control Panel and Operation (selected models)

- 1. Power indicator
- 2. ON/OFF (power) button
- 3. "Full Water" indicator
- 4. Humidity setting button
- 5. Working mode indicator (continuous working, humidity 40%, 50%, 60%, 70%)
- 6. Timer operation indicator
- 7. Timer button

#### Steps:

- 1. Plug the unit into a correct mains socket. (Please refer to the rating label at the rear of the unit for correct voltage/frequency.)
- 2. Press **ON/OFF** button to turn on the unit. The power indicator will light on and the compressor will start to work.
- 3. Press humidity setting button to set the working model you need: continuous working, humidity 40%, 50%, 60% or 70%. The relative indicator will light on. If you prefer dryer conditions (reduced humidity) set towards 40%. For more humid conditions set towards 70%. 'CNT' means the unit will be set to Continuous and will continue to run regardless of humidity level.
- 4. Press the **TIMER** button to set the operating time you need. There are 4 hour not just 4 different hours you could set. For example, choose 1 and 2 hours at the same time, the unit will work 3 hours continuously, choose 1, 2 and 4 hours at the will stop working automatically.
- 5. To turn off the unit, press **ON/OFF** button again.
- 6. Pre-setting function: By pressing the **TIMER** button without turning on the other functions (including **ON/OFF** button), you can **PRE-SET** the time for the product automatically after 2 hours.
- 7. When the water tank is full, the "Full Water" indicator will light on for alarm, the compressor will stop for self-protection



indicators above the **TIMER** button: 1, 2, 4, 8H. The time can be accumulated, so it's same, it will work 7 hours. Thus, the timer could be set up to 15 hours. In this case all the hour indicator lights are illuminated. When the set time is reached, the dehumidifier

to switch on later. For example, if you press the timer to '2', the unit will switch on

## Drainage

While the water tank is full, the compressor will stop for self-protection and the water full indicator light will turn red.

To move the water tank, pull it out squarely from the unit.

After empting the water tank, place the water tank carefully back into its location into space. The tank must be properly located in order for the 'water full' light to go out and for your dehumidifier to start operating again.

Please note, if the water tank has not been positioned/located correctly, the water full indicator will stay red and the product will not operate.

### **CONTINUOUS DRAINAGE**

When the dehumidifier is operated at very high humidity levels, the water tank will require more frequent emptying. In this situation, it may be more convenient to set the unit up for continuous drainage, this can be done as follows;

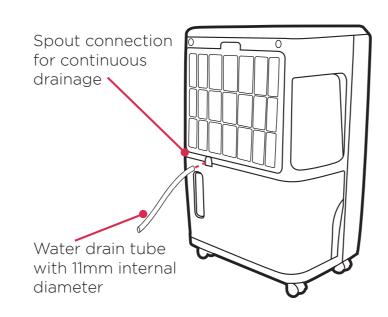
- 1. Pull out the water tank.
- 2. Connect a water drain tube of inner diameter 11 mm to the drain spout connection outlet at the top of the tank location area.

\* Please note, the water tube is not supplied with the unit.

3. Ensure the drain tube is fixed properly and that water will always drain away freely through the tube (the drain point/open end of the tube must be at a lower height than the drain outlet from the product).

Note! In very cold weather conditions, precautions should be taken to prevent the water tube from freezing.

4. Put the water tank back to its position.



### Maintenance

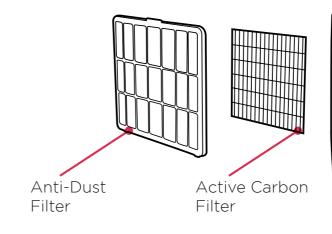
Always unplug the unit from the mains before carrying out any maintenance or cleaning of the unit.

#### **CLEANING THE BODY**

Use a soft damp cloth to wipe the unit clean. Don't ever use volatile chemicals, gasoline, detergents, chemically treated clothes, or other cleansing solutions. These all could possibly damage the enclosure.

#### **CLEANING THE FILTER**

This dehumidifier is equipped with 2 filters. The plastic dust filter is washable and should be cleaned approximately every 2 weeks when in use (see instruction below). The active carbon filter is not washable its life span is variable and depends on the ambient conditions where the unit is used. The filter should be checked periodically and replaced if necessary.



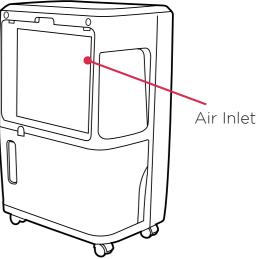
#### WASHING THE PLASTIC DUST FILTER

- Remove the anti-dust filter and separate the active carbon filter (not washable) and set it aside carefully.
- Use a vacuum cleaner or tap the plastic air filter lightly for easy cleaning. If the detergent to rinse the filter.
- Allow it to dry naturally and make sure the filter is completely dry before replacing.
- Do not expose the filter to sunlight.

### STORAGE

If not using the unit for an extended period of time. Please:

- Turn the unit off, unplug and take care of the mains lead & plug.
- Completely empty the water tank and clean it thoroughly and wipe it dry.
- Cover the unit and store it upright in a location where it will not receive direct sunlight. NB- Prolonged exposure to direct sunlight will discolour the enclosure.



filter is particularly dirty, use warm water with a small amount of medium strength

#### THE UNIT DOES NOT OPERATE:

- Is the unit plugged in?
- Is the house electricity on?
- Is the room temperature below 5°C or above 32°C? If so, then it is out of the working range of the unit.
- Ensure the ON/OFF switch is turned on.
- Check the water tank is located properly in the unit and it is not full.
- Make sure the air inlet and outlet are not obstructed.

#### THE UNIT SEEMS TO DO NOTHING:

- Is the filter dusty, contaminated?
- Is the air intake or outlet blocked?
- Is the room humidity already quite low?

#### THE UNIT SEEMS TO DO LITTLE:

- Are too many windows or doors open?
- Is there something in the room producing lots of humidity?

#### THE UNIT IS TOO NOISY:

• Check whether the unit is sitting on a level surface.

#### THE UNIT IS LEAKING:

- Make sure the unit is on a level surface and the water tank is fitted correctly
- Check that the water tank is not damaged.



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.

# Warranty

#### What does a Dimplex Warranty 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 Warranty Period, this Dimplex Warranty will cover repair or - at the discretion of Dimplex – replacement with a functionally equivalent Dimplex product. Your product is under warranty for 1 year from the date of purchase or the date of delivery of the product, if later. The 1 year warranty 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 warrantied for 1 year only. To validate your extended warranty 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 warranty is only available in the UK and Ireland.

The Dimplex Warranty 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 or call +353(0)1842 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 Warranty 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 Warranty?

The Dimplex Warranty does not cover any of the following: Any fault or damage to your Dimplex product due to faulty materials or workmanship occurring outside the Warranty 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.

The Dimplex Warranty 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 Warranty 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 Warranty will not extend the Warranty Period. Any replacement of your Dimplex product by Dimplex during the Warranty Period will start the 3 year Warranty Period afresh from the date of delivery of the replacement Dimplex product to you. (\*Please keep original online warranty registration email and sales receipt for your original purchase as proof of the additional 2 years, in case of the unlikely event you experience an issue).

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

**Contact Dimplex** A brand of the GDC Group Limited, trading as Glen Dimplex Heating & Ventilation

If you have any questions about what the Dimplex Warranty covers and does not cover or how to claim under the Dimplex Warranty, please contact us: GDHV, Grange Drive, Hedge End, Southampton SO30 2DF Telephone: 0344 879 3588 Email: customer.services@glendimplex.com Visit: www.dimplex.co.uk [c] Glen Dimplex All rights reserved. Material contained in this publication may not be reproduced in whole or in part, without prior permission in writing of Glen Dimplex.





Customer Helpline: 0344 879 3588 aftersales@dimplex.co.uk www.dimplex.co.uk

Glen Dimplex Heating and Ventilation Millbrook House, Grange Drive, Hedge End, Southampton, SO30 2DF

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