

3CDimplex[®]

40L DEHUMIDIFIER AND AIR PURIFIER INSTRUCTION MANUAL

GDDEYS40A



Dehumidifies a large home and purifies air

CONTENTS

Safety and usage notices	5
<hr/>	
Components	9
<hr/>	
Control panel	10
<hr/>	
Display screen	11
<hr/>	
Setting Timer	12
<hr/>	
Dehumidification instructions	13
Automatic dehumidification	13
Continuous dehumidification	13
Clothes drying	13
Emptying the tank and drainage	14
<hr/>	
Air purification and filters	16
Ventilation	16
Air purification function	16
Inserting a filter	17
Filter information	18
<hr/>	
Maintenance	19
Self-cleaning mode	20
<hr/>	
Troubleshooting	21
<hr/>	
Technical specifications	22
<hr/>	



Before operating this appliance, please read this instruction manual carefully. Please also keep for future reference.

SAFETY AND USAGE NOTICES

Technical Specifications

The power supply for this appliance is 220-240V~. If the voltage is 10% higher or lower than the normal voltage, the appliance will not operate. It is suggested that a voltage stabilizer be equipped.

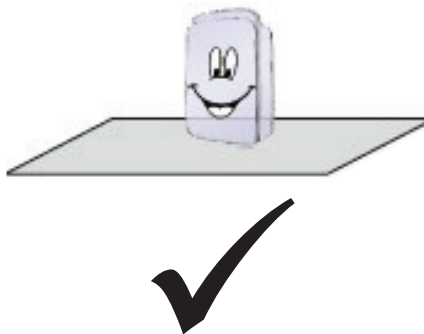
The working range of this appliance is between 5-32°C, outside of these temperatures the appliance will not operate normally. However the optimum working temperature is between 16-32°C. The unit will dehumidify between 30%-85% relative humidity.

Usage

Please do not use the appliance if plug or electrical cord is damaged.



Please position the appliance on a flat and stable surface to reduce vibration and noise.



Please do not position your appliance near flames or heating appliances.



Multi-socket plug adapters are not recommended for use with this appliance.











Please do not immerse the appliance in water.



SAFETY AND USAGE NOTICES

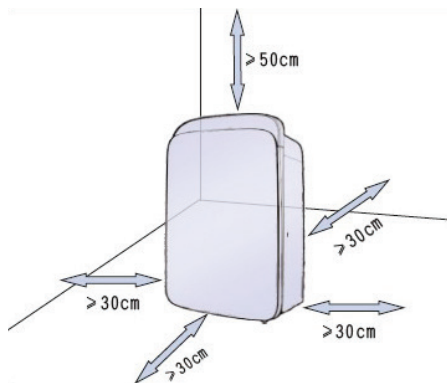
Usage

<p>The appliance is designed for domestic use only, not for commercial purposes.</p> 	<p>Please do not tilt the appliance when in use.</p> 
<p>Please do not place anything on top of the appliance.</p> 	<p>Please do not use aerosols or other flammable substances near the appliance.</p> 
<p>Please do not use sharp objects on the appliance to prevent scratching.</p> 	<p>Please do not knot, or fold the power cord, also ensure the power cord is free from tangle and nothing is placed on top of it while in operation.</p> 
<p>Please do not hang anything over the air outlet, by doing this you will reduce the dehumidification capacity and increase the noise.</p> 	<p>Please do not put the automatic drainage pipe directly in the cold outdoors.</p> 

SAFETY AND USAGE NOTICES

Usage

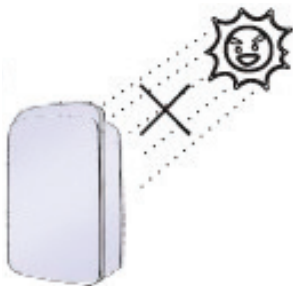
When operating the appliance, please keep a clearance of 50cm above and over 30cm surrounding. Please refer to the following figure.



Please do not direct your appliance towards plants or pets for long periods of time.



Please do not operate in direct sunlight, this will influence the dehumidification capacity.



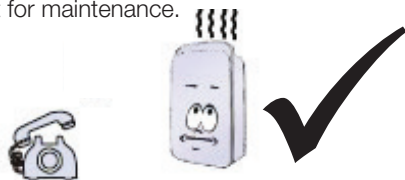
Please keep windows closed when appliance is in use.

Please clean the mesh filter regularly to prevent clogging and maintain optimal performance (see page 19 for instructions).

SAFETY AND USAGE NOTICES

Maintenance and Storage

If the unit is faulty (e.g., burning smells, smoke detected), please turn off the appliance and unplug it, then contact a qualified service agent for maintenance.



Repairs are to be done by a qualified electrician or service agent.



If the appliance is not to be used, or is to be stored for a period of time, please activate the self-cleaning function, which will dry the internal components of the appliance and prevent mildew growth.



Please unplug the appliance when not in use for long periods of time.

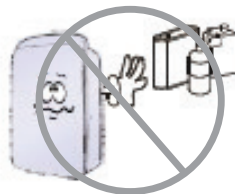


If the power cord is damaged, it must be replaced by a qualified electrician, service agent or similarly qualified persons in order to avoid malfunction.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, unless they have are supervised or given instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised at all times.



Please do not use chemical solvents (e.g., benzene, gasoline, alcohol, etc.) to clean the appliance. Instead, use warm soapy water.

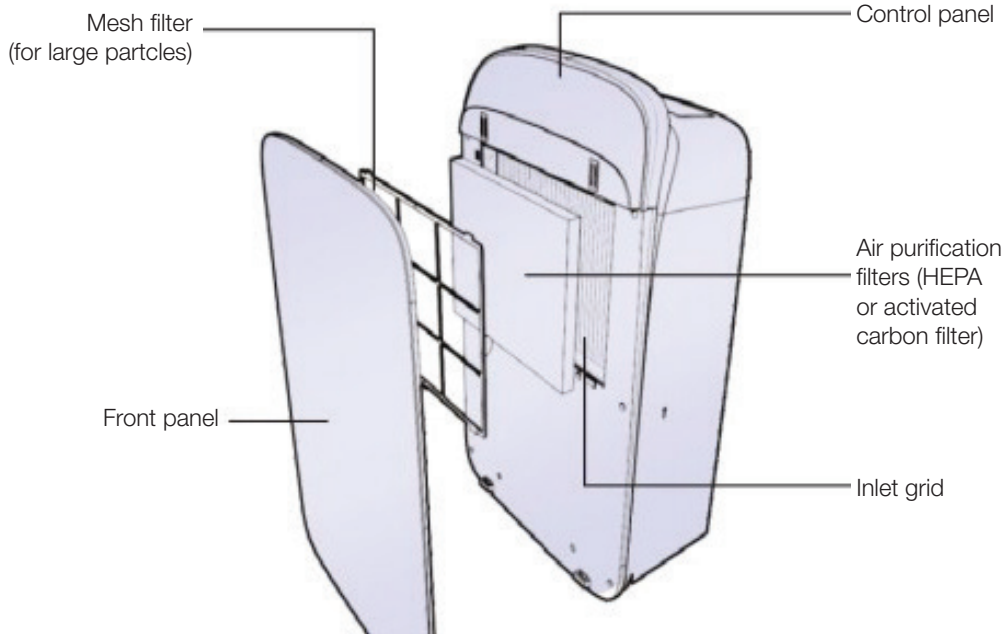


Please do not hose down the appliance.

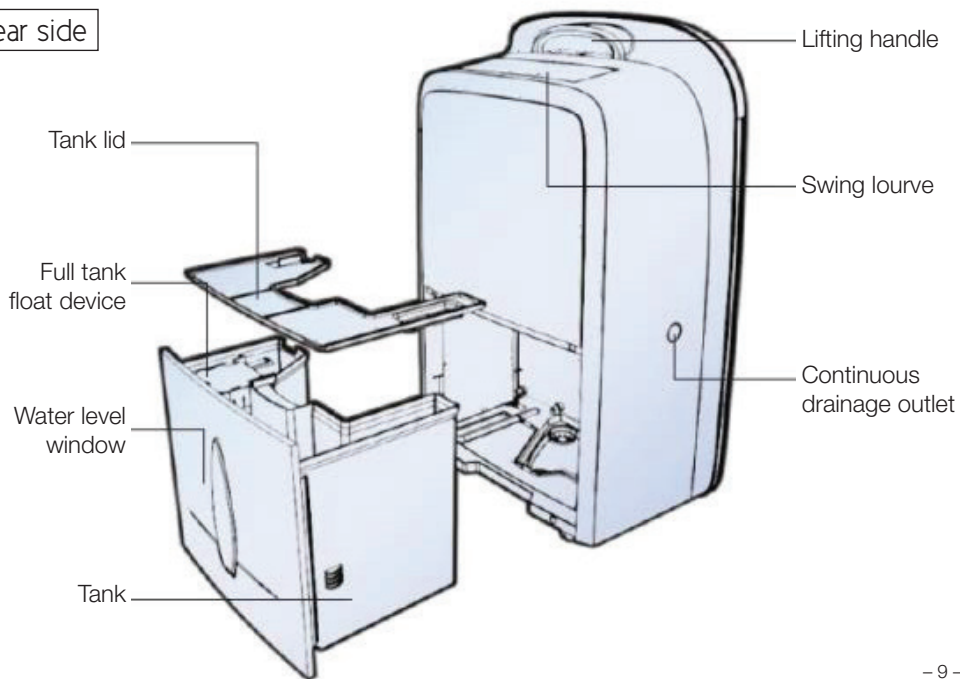


COMPONENTS

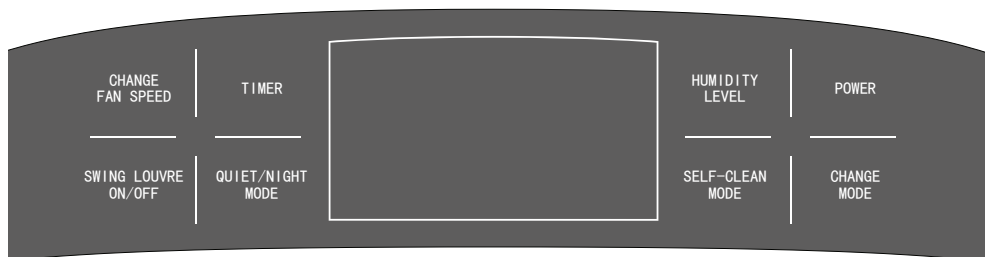
Front side



Rear side



CONTROL PANEL



POWER: turn on or turn off the appliance.

CHANGE MODE: cycles between different modes: automatic dehumidification, continuous dehumidification, clothes drying, air purification or ventilation. You can also press this button for 3 seconds to activate child lock mode.

QUIET/NIGHT MODE: minimises fan noise and dehumidification rate.

SELF CLEAN MODE: dries the internal components of the appliance. Press for 3 seconds to activate seconds.

SWING LOUVRE ON/OFF: activate oscillation of the wind vent louvres for wider air movement.

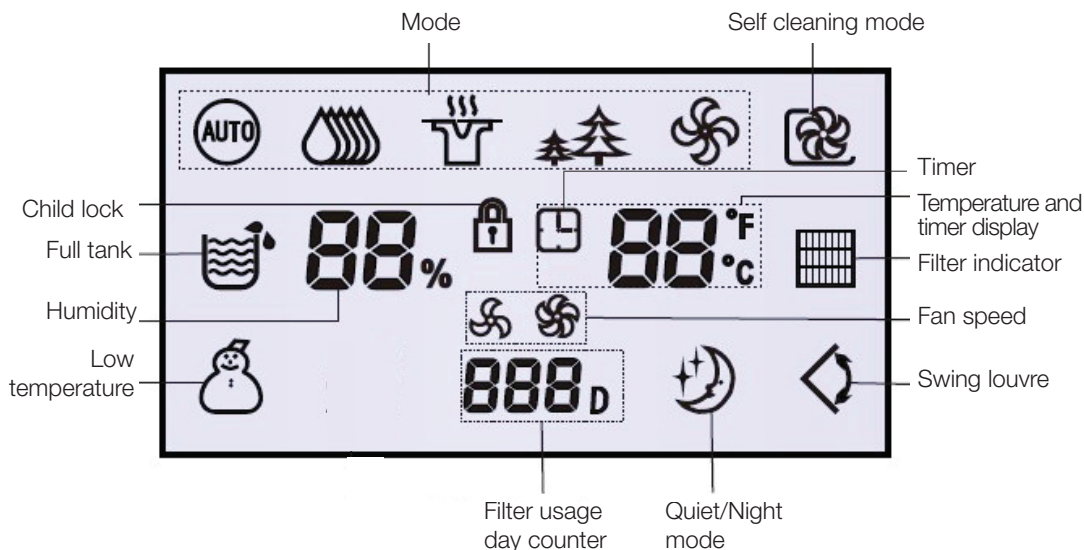
TIMER: set the number of hours until the appliance turns on or off.

HUMIDITY LEVEL: Set desired humidity level for “automatic dehumidification” mode;

CHANGE FAN SPEED: changes speed of fan and air that is emitted from the appliance.






Press this button and the “TIMER” button together to toggle between °C and °F temperature displays.

DISPLAY SCREEN



Self cleaning mode: lights up when self cleaning function is activated.

Mode: shows which functions are selected. The modes shown, from left to right are:

automatic dehumidification , continuous dehumidification , clothes drying ,
air purification , ventilation .

Child lock: you can activate the child lock by pressing the “CHANGE MODE” button for 3 seconds.

Full tank: indicator will turn on when the water tank is full, then will beep to remind you to empty the tank.

Humidity: displays the current humidity level in your room.

Low temperature: displays when the temperature is lower than 15°C. This indicator will flash when the room temperature is lower than 2°C.

Swing louvre: displays when swing louvre is in operation.

Fan speed: shows high vs low fan speed.

Quiet/Night Mode: minimises fan noise and/or dehumidification rate for quieter functioning.

Filter usage day counter: indicates the number of days the filter has been used for.

Filter in use indicator: shows when a filter is inserted.

Temperature and timer display: shows current room temperature. When setting the timer this display shows the number of hours for timer function.

Timer: Timer function is activated.

OPERATION INSTRUCTIONS

Turning on the appliance

Plug in the appliance



Press the “POWER” button to turn appliance on

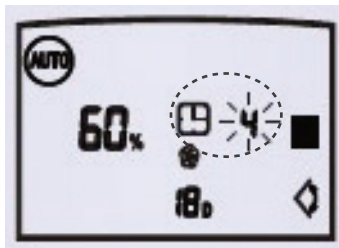


Setting timer to turn the appliance on

When the appliance is on standby, press the “TIMER” button – the Timer display will light up and start flashing.

Press the “TIMER” button the right number of times to set the number of hours until the appliance turns on. The Timer display will flash with the number of hours you have set and stop flashing after 5 seconds when the timer function is set.

If you want to change the preset time after you have set it, press the “TIMER” button to cancel the preset time and you can start over.

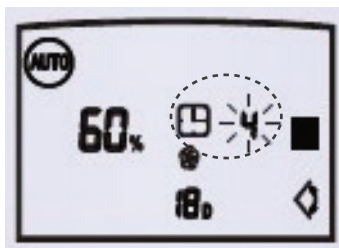


Setting timer to turn the appliance off

When the appliance is operating, press the “TIMER” button to activate the “timer off” function. The timer display will start to flash. Press the “TIMER” button the right number of times to set the number of hours until the appliance automatically turns off.

The Timer display will flash with the number of hours you have set and stop flashing after 5 seconds when the timer function is set.

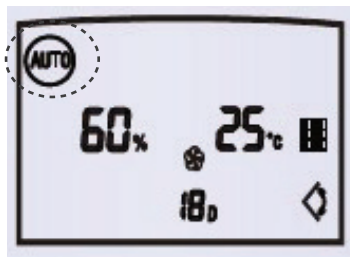
If you want to change the preset time after you have set it, press the “TIMER” button to cancel the preset time and you can start over.



DEHUMIDIFICATION INSTRUCTIONS

Automatic dehumidification

Under this mode, the dehumidifier will dehumidify the room according to the humidity setting you have chosen (press “HUMIDITY LEVEL” to adjust). The ideal humidity for a room is between 50%-60%. The dehumidifier will only operate if the room humidity is higher than what you have set.



Continuous dehumidification

Under this mode, the dehumidifier will continuously dehumidify the room, regardless of the room's humidity. This function is particularly useful if you are trying to dry up a wet area.

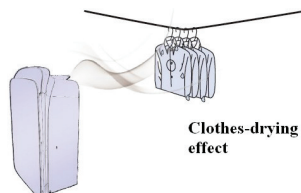
When humidity is low, the dehumidifier fan will operate on a low speed, dehumidifying slower. When humidity is high, the dehumidifier fan will operate on a high speed, dehumidifying faster.



Clothes-drying

This function will assist in drying your clothing.

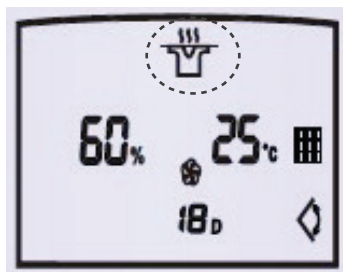
Position the dehumidifier with the back of the unit facing your wet clothes.



Use the “MODE” button to select clothes-drying mode. The compressor and fan operate on high settings to blow high-speed air over your clothes, aerating and drying them.


You can also activate the swing louvre to widen the angle of drying.

At the same time, the moisture that is aerated off your clothes is removed from the air through the dehumidifier.



DEHUMIDIFICATION INSTRUCTIONS

Dehumidification Tips

While operating automatic or continuous dehumidification or clothes drying mode, you can also insert one of the HEPA or activated carbon filters to simultaneously purify the air. The appliance will tell you if there is a filter in use by illuminating the air purification indicator . See "Air purification and filters" section for more information on air purification.

EMPTYING THE TANK AND DRAINAGE

Emptying the tank

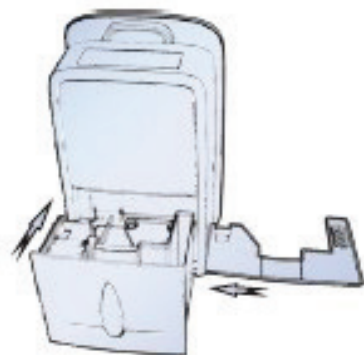
The tank-full light on the display panel will illuminate when the tank is full. The unit will also beep ten times to remind the user to empty the tank

To do so, gently remove the tank via the hand-hold at the bottom of the tank.



Then take off the tank lid and drain the water.

Put the tank lid back on, reposition the tank and restart your appliance.



Please note:

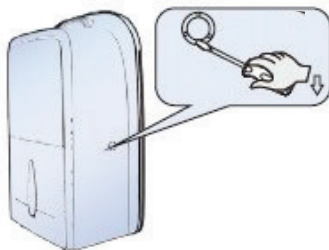
Please make sure that the tank lid is installed firmly on tank and that the full tank float device is free to move.

EMPTYING THE TANK AND DRAINAGE

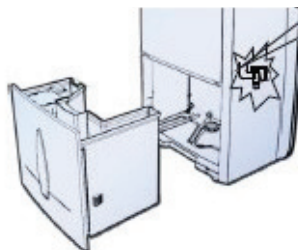
Continuous drainage

If your house suffers from constant high humidity and you do not want to empty the tank frequently, you can connect a drain-pipe (internal pipe diameter is 9mm) into the side of the appliance to continuously drain the dehumidified water.

- 1) Locate the drainage outlet, shown below on the side of your appliance and insert a screwdriver into the circular groove and break off the drain hole cover.



- 2) Remove the tank and in the back of the drainage cavity of the appliance towards the right, there should be a lever, push that lever to the side to expose the drainage outlet nozzle.

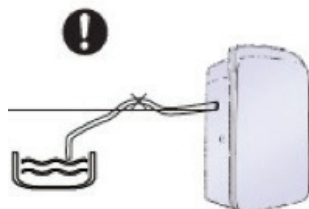


- 3) While pushing that lever open, connect a drain-pipe firmly to the drainage outlet nozzle through the whole in the side of the appliance that you have made.



Please note:

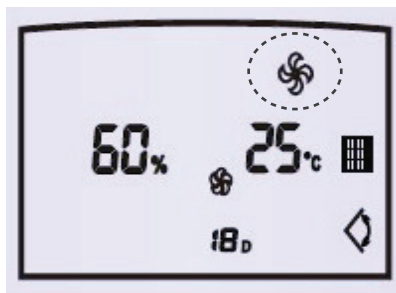
The continuous drainage pipe is gravity fed. Make sure that the height of the drainage pipe is lower or equal to the height of water outlet.



AIR PURIFICATION AND FILTERS

Ventilation

This mode moves air around the room. Before activating ventilation mode, remove any HEPA or activated carbon filters to ensure the lifespan of the filters. If you do not remove the filter, the filter indicator will flash to remind you to remove it. Press the “MODE” button to select ventilation mode.



Air purification function

Press the “MODE” button to select the Air purification mode (as indicated by the two trees icon).

Ensure a filter (HEPA filter or activated carbon filter) is installed (see next page on how to insert a filter). If it is installed, the air purification icon will flash.

You can alternate between high and low fan speeds by pressing the “CHANGE FAN SPEED” button.



If no filter is detected, the appliance will not operate. The filter light will flash to remind you to insert a filter.



Inserting a filter

- 1) Open the front panel



- 2) Remove the plastic mesh filter and insert an air purification filter (activated carbon or HEPA). Then replace the plastic mesh filter back into the appliance.



- 3) Replace the front panel



Note: See the “care and maintenance of activated carbon and HEPA filters” section for information on when to replace filters.

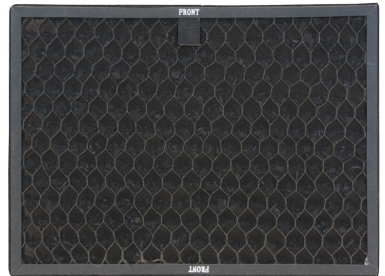
Plastic mesh filter

The plastic mesh filter is designed to trap large particles (such as dust and hair). This can be cleaned and reused. Please see the Maintenance section for instruction on cleaning the dust off this filter.

Activated carbon filter information

Activated carbon has a wide range of applications such as in medical and environmental applications where it is used to remove poisons and pollutants and filter drinking water.

In your home, the activated carbon filter can remove certain chemicals, volatile organic compounds, odours and impurities from the atmosphere in your home. Examples of these are pet or cigarette smells, paint and petrol fumes, burnt food smells/smoke, ammonia, CFCs, microbes and fungi.



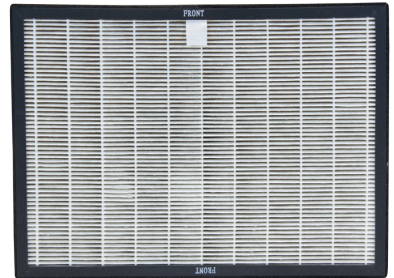
Activated carbon filter

HEPA 13 filter information

Your HEPA 13 filter removes 99.95% of the smallest particles (MPPS) from the air. This includes allergens such as dust, mould spores, pollen, dust mites as well as bacteria and viruses.

HEPA filters have been shown to reduce the spread of diseases and allergic reaction. The HEPA filter prevents the dehumidifier from re-circulating and spreading airborne bacteria and viruses that are often common in winter. The result is a healthier home and family.

Please note: You can only use one of the HEPA or activated carbon filters at a time.



HEPA 13 filter

MAINTENANCE

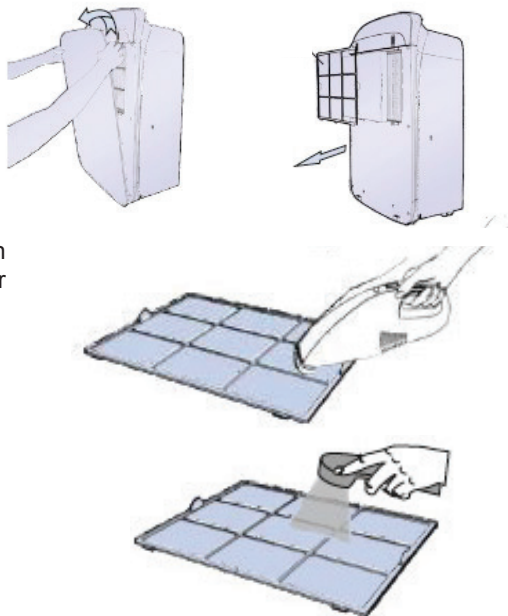
Cleaning plastic mesh filter

The mesh filter should be cleaned regularly to prevent clogging and maintain optimal performance.

First remove the front panel. It should be held on magnetically. Then remove the plastic mesh filter by pulling on the tabs on the side.

Remove dust by vacuuming.

If the mesh filter is particularly dirty, wash it with warm, clean, soapy water. Do not use chemical solvents. Air-dry the filter out of direct sunlight. After cleaning, re-insert plastic mesh filter so it sits flat and isn't buckled.



Replacing activated carbon and HEPA filters

Activated carbon and HEPA filters cannot be washed. Instead they need to be replaced every 9 – 18 months (depending on the air quality in your home). An average home will need filters changed once per year. Replacement filters can be found at the retailer where you purchased this appliance.

The appliance will keep track of the number of days you have used a filter on the filter usage day counter to indicate when you should change it.

To replace a filter, turn off the appliance and remove the front panel and plastic mesh filter. Remove the activated carbon or HEPA filter by the fabric tab.



Before inserting a new filter, press the very small button in the filter cavity to reset the filter usage day counter. You may need a pen or a needle to poke the button.

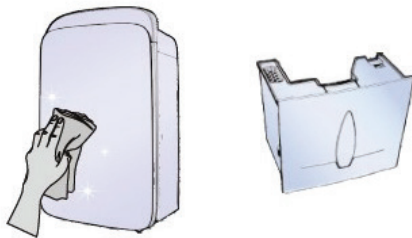
Now insert your new filter taking note of the "FRONT" side of the filter. Replace plastic mesh filter and front panel.



MAINTENANCE

Cleaning of the appliance's exterior

Wipe down the appliance with warm, clean, soapy water and ensure you dry it thoroughly afterwards.



Self cleaning mode

This dries out the internal components of the appliance to ensure mildew does not grow on the inside of it. Use this function before any long period in which the appliance will not be in use.

Activate this mode by holding down the “SELF CLEAN MODE” button for 3 seconds. This drying procedure will take approximately 1 hour. In this time, the appliance fan settings will increase and decrease and the swing louvre will open and close at different stages.

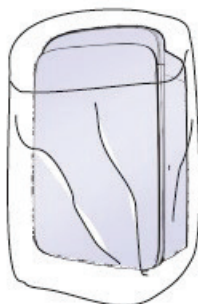
To stop self cleaning, press the “SELF CLEAN MODE” button for over 3 seconds. The appliance will go back to the operating mode it was in before self cleaning began.

Alternatively, press the “POWER” button to stop the self clean mode and go back to standby mode.



Storage

Before storing away, remember to clean the unit both externally and internally (using the self-clean mode). When storing away, cover the unit so that it does not get dusty in storage.

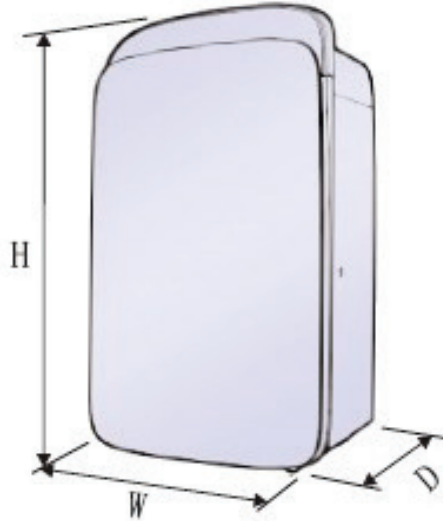


TROUBLESHOOTING

If the following problems appear, please follow the solutions suggested.

Problem	Cause	Solution
The appliance does not work	<ul style="list-style-type: none">• check the appliance is plugged in• the tank may be full of water or incorrectly positioned	<ul style="list-style-type: none">• plug into mains power supply• empty the tank and position the tank correctly
The unit isn't dehumidifying	<ul style="list-style-type: none">• the temperature or humidity in the room is too low• the air inlet or outlet is blocked• the room atmosphere is filling up with moisture too quickly	<ul style="list-style-type: none">• in dry seasons, the humidification capacity may be weakened• clean the air inlet and outlet• ensure that all windows are closed and prevent any other sources of moisture
The fan does not blow any air	<ul style="list-style-type: none">• the fan blade is blocked• air filter is blocked• there is no filter while in "air purification" mode	<ul style="list-style-type: none">• turn off the appliance and clean blockages from the outside. Please notify a qualified electrician if disassembling is required.• clean mesh filter according to filter cleaning instructions• install filter(HEPA or activated carbon filter)
The appliance is too noisy	<ul style="list-style-type: none">• unit may be unbalanced and causing excess vibration• air filter is blocked• the fan speed is too high	<ul style="list-style-type: none">• position the appliance in stable surfaces• clean mesh filter according to filter cleaning instructions• Turn the fan speed down or activate quiet/night mode

TECHNICAL SPECIFICATIONS



Model	GDDEYS40A
Operating Voltage	220V-240V~50Hz
Dehumidification Capacity	40L/DAY
Rated Power	620W
Weight	18.1KG
Dimensions (W*H*D)	410mm×665mm×265mm

The company reserves the right to alter the product design and specifications. For product technical parameters, please refer to the nameplate.

NOTES



Glen Dimplex New Zealand Ltd

38 Harris Road, East Tamaki
Auckland, New Zealand
P.O. Box 58473, Botany
Manukau 2163, New Zealand

Phone: 09 274 8265

Fax: 09 274 8472

Email: sales@glendimplex.co.nz

Web: www.dimplex.co.nz