

**MODEL
GGSAD16W**



ESSENTIALS FOR LIFE

User Manual

Dehumidifier

SÔLT

Purchase Details

For future reference, please record the following information which can be found on the rating plate and the date of purchase which can be found on your sales invoice.

STORE DETAILS

STORE NAME | _____

ADDRESS | _____

TELEPHONE | _____ PURCHASE DATE | _____

PRODUCT DETAILS

MODEL NO. | _____

SERIAL NO.* | _____

Welcome

Congratulations on purchasing your new Dehumidifier!

The Sôlt brand is proudly distributed within Australia by Residentia Group Pty Ltd.

Residentia Group

—
Head Office.
165 Barkly Ave
Burnley
Victoria 3121
Australia

—
ACN.
600 546 656

—
Online.
residentia.group

Please refer to the warranty card at the rear of this manual for information regarding your product's parts and labour warranty, or visit us online at www.residentia.group

At Residentia Group, we are customer obsessed and our Support Team are there to ensure you get the most out of your appliance. Should you want to learn more about your rangehood features, and importantly taking care of your appliance when cleaning, our Support Team are here to help.

You can use our online Support Centre at anytime by visiting <http://support.residentiagroup.com.au>, or you can contact us via calling us on 1300 11 HELP (4357).

It is important that you read through the following use and care manual thoroughly to familiarise yourself with the installation and operation requirements of your appliance to ensure optimum performance.

Again, thank you for choosing an Sôlt appliance and we look forward to being of service to you.

Kind Regards,
The Residentia Team

**This page
is intentionally
left blank**

Contents	2	Purchase Details
	3	Welcome
	6	General Safety Instructions
	12	Your Dehumidifier
	13	Installation
	14	Getting Started
	17	Operation Instructions
	18	FAQs & Troubleshooting Guide
	19	Other Useful Information
	20	Technical Specifications
	22	Warranty Information

Customer Care

Sôlt recommends the use of original spare parts. When contacting our customer service team, please ensure that you have the following information at hand (which can be found on your appliances' rating plate).

- Model Number
- Serial Number

General Safety Instructions

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

Read this manual thoroughly before first use, even if you are familiar with this type of product. The safety precautions enclosed herein reduce the risk of fire, electric shock and injury when correctly adhered to. Make sure you understand all instructions and warnings. Keep the manual in a safe place for future reference, along with the completed warranty card and purchase receipt. If you sell or transfer ownership of this product, pass on these instructions to the new owner.

Always follow basic safety precautions and accident prevention measures when using an electrical appliance, including the following:

ELECTRICAL SAFETY AND CORD HANDLING

- **Voltage:** Before turning on the Dehumidifier, ensure the electrical voltage and circuit frequency correspond to those indicated on the appliance.
- **Socket:** Ensure your electrical outlet is properly installed and earthed and complies with your local electrical safety requirements.
- **Moisture:** To reduce the risk of electrocution, never operate the appliance with wet hands; never submerge it in water or spill liquids into it. Do not use it in a bathroom or laundry, or where it can be splashed with water.
- **Power supply cord:** Do not kink or damage the cord. Do not pull the cord or place it near a heat source. Always unwind the cord completely to avoid overheating. Run the cord in such a way so that no one will trip over it.
- **Extension cord/adaptor:** Do not use this appliance with an extension cord or power adaptor.
- **Damaged cord:** If the supply cord is damaged, do not use the appliance. A damaged power supply cord must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. Contact our after sales support centre.
- **WARNING:** Do not use when damaged! In case of damage, switch off the appliance, unplug it and contact our after sales support centre. Do not pick up or operate a damaged appliance, or after it malfunctions or has been dropped or damaged in any manner.
- **Power button:** Always use the on/off button on the control panel to turn the product on or off. Never simply switch the product on or off by plugging it into or unplugging it from the wall socket.
- **Disconnect:** Turn off the unit first and then unplug it when it is not in use and before maintenance or cleaning, but do not unplug it when it is in operation, as this could create a spark and cause a fire. Grip by the plug, do not pull by the cord when disconnecting.
- **RCD:** The installation of a residual current device (safety switch) is recommended to provide additional safety protection when using electrical appliances. It is advisable that a safety switch with a rated residual operating current not exceeding 30mA be installed in the electrical circuit supplying the appliance. See your electrician for professional advice.
- Never try to open the housing, modify or alter the product in any way.

USAGE CONDITIONS AND RESTRICTIONS

- **Intended use:** This appliance is intended for air conditioning domestic environments. It is not suitable for commercial, industrial or trade use. Do not use it for any other purpose (such as cooling food, etc.) and only use it as described in this manual.
- **Common sense:** These instructions are not intended to cover every possible condition and situation. As with any electrical appliance, common sense and caution are therefore always recommended when installing, operating and maintaining the unit.
- **No outdoor use:** Do not use the unit outdoors. It is for indoor use only.
- **Usage restriction:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- **No external timer:** This appliance is not intended to be used with an external timer or a separate remote control system.
- **WARNING:** Do not cover! Do not cover the Dehumidifier or obstruct any air inlet or outlet grilles. Obstructing these openings causes a fire hazard, reduces the operating efficiency and may lead to malfunction or damage.
- **Air outlets:** Do not insert any objects, or your fingers, into the air outlet, and make sure to warn children of the dangers.
- **Children:** Supervise children to ensure they do not play with the appliance. Close supervision is necessary when any appliance is used by or near children. Cleaning and user maintenance shall not be made by children without supervision.

- **Unattended:** Do not leave the appliance unattended when in use.
- **Attachments:** The use of attachments not recommended or sold by the manufacturer may cause fire, electric shock or injury.
- **Moving the appliance:** When moving the Dehumidifier, always turn off and disconnect the power supply, and move it slowly.
- Never place any objects containing liquid, such as flower vases or drinks, on top of the product.
- Never handle the product with wet hands or while barefoot.
- Switch off and unplug the product when it is not in use.
- **WARNING!** If the product should tip over, immediately turn it off and unplug it.
- Always maintain a 1m clearance around the Dehumidifier for any combustible materials or flammable gases. Do not place the appliance near a heat source.
- **WARNING!** Never remove the water storage tank during operation.
- Never drink the water captured within the Dehumidifier, it contains contaminants and may make you sick.

CLEANING AND MAINTENANCE

- **Disconnect:** Make sure the appliance is disconnected from the power supply when it will not be used for a long time and before carrying out any cleaning or maintenance.
- **Air filter:** Keep the air filter clean. Do not use the unit without the air filters fitted. Using it without air filters could cause an excessive accumulation of dust or waste on the inner parts of the device with possible subsequent failures.
- **Service and repair:** The Dehumidifier has no user-serviceable parts contained inside. Do not attempt to disassemble, modify or conduct repairs on this unit. It has been built in accordance with relevant safety and performance standards. An electrical specialist must carry out all repairs. Contact our after sales support line for advice on service.

INSTALLATION

- **Proper installation:** Install the appliance according to the instructions in this manual and national wiring regulations. Improper installation may result in the risk of fire, electric shock and/or injury. We assume no responsibility for any eventual damages caused by improper installation or faulty use.
- **Upright position:** Place the unit on a flat surface to reduce the risk of it tipping over. Do not tilt the unit, always keep it upright. If the unit has not been kept upright (such as during storage), wait for at least 24 hours before operation.
- **Obstructions:** Do not locate the Dehumidifier where furniture or other objects can obstruct the airflow.
- **Do not cover:** Do not cover the Dehumidifier or obstruct any air inlet or outlet grilles. Obstructing these openings causes a fire hazard, reduces the operating efficiency and may lead to malfunction or damage.
- **Chemicals:** Do not install the Dehumidifier in environments where the air could contain gas, oil or sulphur. Do not let chemical substances come into contact with the unit. Do not use the unit in the presence of flammable substances or vapour such as alcohol, insecticides, petrol etc.
- **Heat:** Do not install the Dehumidifier near sources of heat, or exposed to direct sunlight.
- **Room size:** The unit is designed for use in a room of 29–44m² size.
- **Clearances:** Always keep a clearance of at least 100cm furniture and curtains and 20cm from walls.



This symbol shows that this appliance uses a flammable refrigerant (R290). If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.

General Safety Instructions (Continued)





WARNING FOR USING R32/R290 REFRIGERANT

- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odour.
- Appliance should be installed, operated and stored in a room with a floor area according to the amount of refrigerant to be charged. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself.
- Appliance should be installed, operated and stored in a room with a floor area larger than 4 m².
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- A warning that the appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorises their competence to handle refrigerants safely in accordance with an industry recognised assessment specification.
- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- The appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater).



Caution: Risk of fire / flammable materials

Explanation of symbols displayed on the unit
(For the unit adopts R32/R290 Refrigerant only):

	WARNING	This symbol shows that this appliance used a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.
	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	CAUTION	This symbol shows that information is available such as the operating manual or installation manual

Transport of equipment containing flammable refrigerants
See transport regulations

Marking of equipment using signs
See local regulations

Disposal of equipment using flammable refrigerants
See national regulations.

Storage of equipment/appliances
The storage of equipment should be in accordance with the manufacturer's instructions.

Storage of packed (unsold) equipment
Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge. The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

Information on servicing

1. Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

2. Work procedure

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

3. General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

4. Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

5. Presence of fire extinguisher

If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO₂ fire extinguisher adjacent to the charging area.

6. No ignition sources

No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. No Smoking signs shall be displayed.

7. Ventilated area

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

8. Checks to the refrigeration equipment

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance. The following checks shall be applied to installations using flammable refrigerants:

The charge size is in accordance with the room size within which the refrigerant containing parts are installed;

The ventilation machinery and outlets are operating adequately and are not obstructed;

If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant; Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;

Refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

General Safety Instructions (Continued)

Information on servicing (Continued)

9. Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised.

Initial safety checks shall include:

That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;

That there no live electrical components and wiring are exposed while charging, recovering or purging the system; That there is continuity of earth bonding.

10. Repairs to sealed components

- During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
- Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that apparatus is mounted securely. Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.
NOTE: The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

11. Repair to intrinsically safe components

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use. Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

12. Cabling

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

13. Detection of flammable refrigerants

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

14. Leak detection methods

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed. Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. If a leak is suspected, all naked flames shall be removed/ extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

15. Removal and evacuation

When breaking into the refrigerant circuit to make repairs or for any other purpose conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to:

Remove refrigerant; Purge the circuit with inert gas; Evacuate; Purge again with inert gas; Open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be flushed with OFN to render the unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task. Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and

finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. This operation is absolutely vital if brazing operations on the pipe-work are to take place. Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

16. Charging procedures

In addition to conventional charging procedures, the following requirements shall be followed. Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.

Cylinders shall be kept upright.

Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.

Label the system when charging is complete (if not already).

Extreme care shall be taken not to overfill the refrigeration system. Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

17. Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

- a. Become familiar with the equipment and its operation.
- b. Isolate system electrically.
- c. Before attempting the procedure ensure that:
Mechanical handling equipment is available, if required, for handling refrigerant cylinders; All personal protective equipment is available and being used correctly; The recovery process is supervised at all times by a competent person; Recovery equipment and cylinders conform to the appropriate standards.
- d. Pump down refrigerant system, if possible.
- e. If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- f. Make sure that cylinder is situated on the scales before recovery takes place.
- g. Start the recovery machine and operate in accordance with manufacturer's instructions.
- h. Do not overfill cylinders. (No more than 80 % volume

liquid charge).

- i. Do not exceed the maximum working pressure of the cylinder, even temporarily.
- j. When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- k. Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

18. Labelling

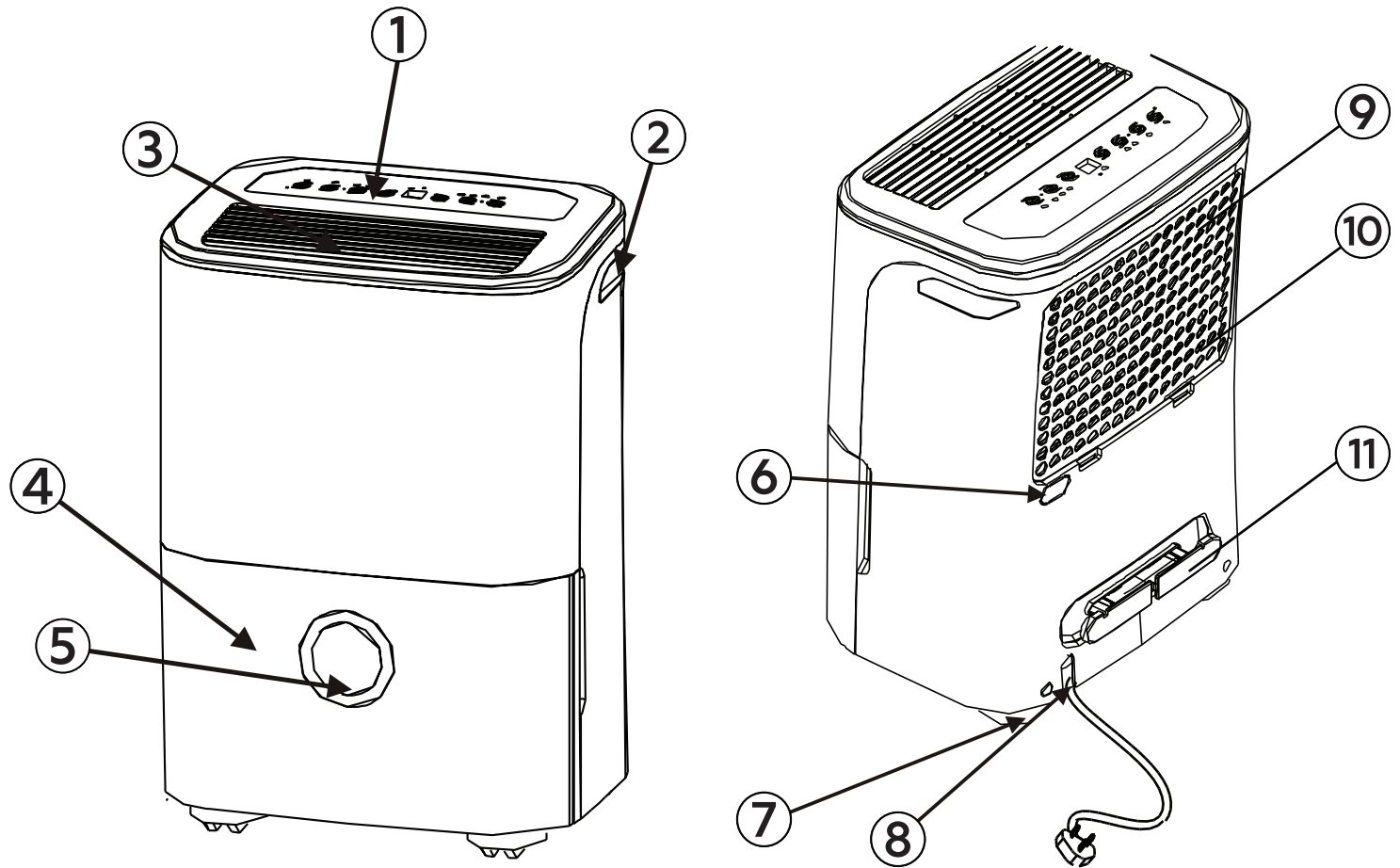
Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

19. Recovery

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs. The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt. The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders. If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely

Your Dehumidifier

FRONT & REAR VIEW



1. Control panel
2. Carry Handle (both sides)
3. Air outlet grill
4. Water tank
5. Water level indicator/window

6. Drain hose outlet
7. Caster wheels
8. Power cord & plug
9. Air intake grill
10. Air filter (located behind the grill)
11. Power cord storage

Note: The above diagrams are for explanatory purposes only.
The actual shape of your Dehumidifier may be slightly different, however the functions are the same.

Installation

Consider the following for optimal performance:

- Make sure that no furniture or other objects are obstructing airflow.
- Keep the filter clean.
- The dehumidifying function works best in rooms with an ambient temperature of 13–35°C.

UNPACKING

- This product has been packaged to protect it against transportation damage. Unpack the appliance and keep the original packaging carton and materials in a safe place. It will help prevent any damage if the product needs to be transported in the future, and you can use it to store the appliance when it is not in use. In the event the carton is to be disposed of, please recycle all packaging materials where possible.
- Plastic wrapping can be a suffocation hazard for babies and young children, so ensure all packaging materials are kept out of their reach and disposed of safely.
- Unwind the cord fully and inspect it for damage. Do not use if any part is damaged. In case of damage, contact our after sales support line for advice.
- Read the manual to familiarise yourself with all parts and operating principles. Pay particular attention to the safety instructions on the previous pages.

WARNING! ELECTRIC SHOCK HAZARD!

Before installation or servicing, ensure the unit is switched off and disconnected from the power outlet to prevent possible injury.

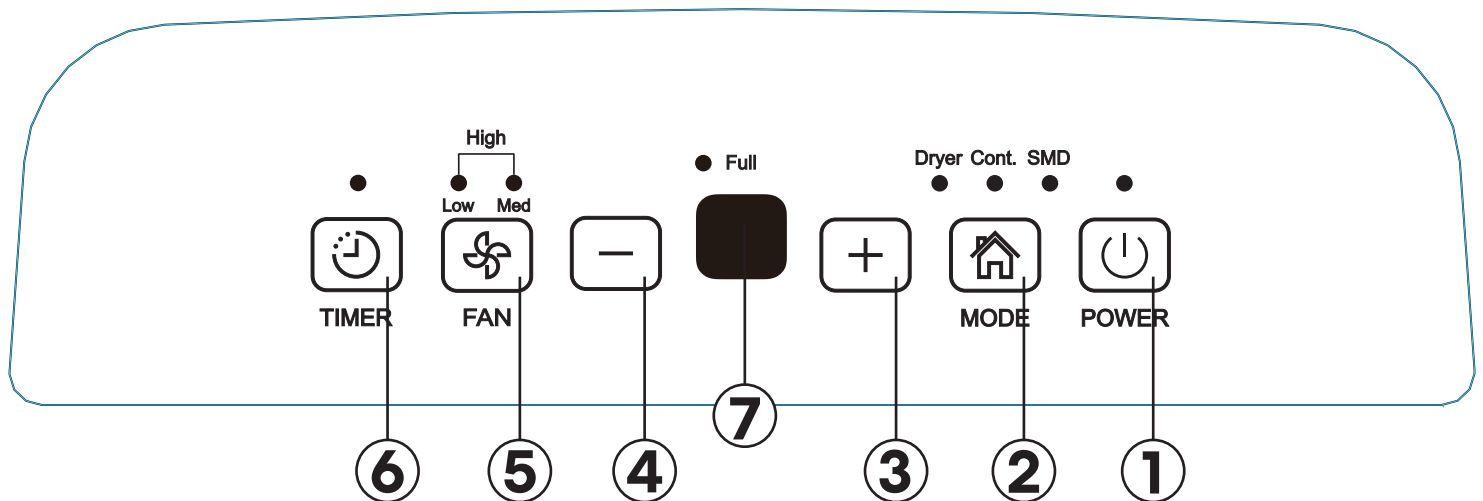
INSTALLATION LOCATION

When deciding on an installation place, keep the following points in mind:

- The area must be flat and the air outlets must not be covered up.
- There must be a properly earthed AC 220~240V 50Hz power point nearby.
- A dehumidifier operating in a basement will have little or no effect in drying an adjacent enclosed storage area, such as a closet, unless there is adequate circulation of air in and out of the area.
- Ensure the Dehumidifier's location means the ambient temperature won't fall below 5°C. Temperatures below this can result in the coils becoming covered with frost which may reduce performance.
- The Dehumidifier must be operated within an enclosed area to be most effective.
- Close all doors, windows and other outside openings to the room.

Getting Started

CONTROL PANEL



- 1. Power button (On/Off)**
Press this to Power on and off the Dehumidifier. Note: when the compressor starts and/or stops running it may make a loud noise which is normal.
- 2. Mode button**
Press to select the desired operation mode (Dehumidifying, Dryer, Continuous Dehumidifying and in some models, Smart Dehumidifying).
- 3. Increase (+) button**
Press to increase the humidity level in 5% increments (within the 35-85% relative humidity range). Alternatively use this alter the Timer settings (i.e. increase the set time within the range of 0-24 hours).
- 4. Decrease (-) button**
Press to decrease the humidity level in 5% increments (within the 35-85% relative humidity range). Alternatively use this alter the Timer settings (i.e. decrease the set time within the range of 0-24 hours).
Note: For drier air, you would set a lower relative humidity percentage and conversely for damper air, set a higher relative humidity level.
- 5. Turbo button (Fan Speed)**
Use this button to select the fan speed. Press to select either High or Normal fan speed setting.
Note: For maximum moisture removal, set your Dehumidifier to the High fan speed setting. Once the humidity level has reduced, or for when you would prefer quieter operation, set the fan speed to Normal.
- 6. Timer button**
Press this button to initiate the Auto start and Auto stop function, in conjunction with using the Increase & Decrease (3 & 4) buttons to set the time.
- 7. Display**
The Dehumidifier's display will show you the rooms humidity level % (within 5% accuracy) between the range of 30%-90% relative humidity. When setting your preferred humidity % level (between the range of 35% and 85%) the display will show you your set option. Alternatively when setting the timer, the display will show the start or stop time (0-24 hours).

Please note, the diagram above is indicative only. Your control panel may appear differently.

ERROR CODES

The display will also show any error codes if an issue or malfunction is detected.

AS

Humidity sensor error. If this occurs, please try unplugging your appliance, wait 30 seconds and then re-plug your appliance into power. If the error continues to occur, please contact our service team.

ES

Temperature sensor error. If this occurs, please try unplugging your appliance, wait 30 seconds and then re-plug your appliance into power. If the error continues to occur, please contact our service team.

P1

Unit is defrosting. Allow the appliance time to automatically defrost. This error code will clear after the appliance has finished defrosting.

P2

Water storage tank is full or has not been fitted correctly. Remove the water tank, empty and replace into the correct position. The error code should clear.

E3

Unit malfunction. If this occurs, please try unplugging your appliance, wait 30 seconds and then re-plug your appliance into power. If the error continues to occur, please contact our service team.

EC

Refrigerant leak detected. If the appliance detects a refrigerant leak, please disconnect from power, carefully remove from your home and contact our after sales team for assistance.

OTHER FEATURES

Water tank full (FULL)

This indicator light will illuminate when the water tank is full and ready to be emptied. This light will also illuminate when the water tank has not been fitted correctly.

Automatic Power Off

Your dehumidifier will automatically power off when the water tank is full or when the tank has not been correctly fitted. When the set humidity level has been achieved, the appliance will automatically power off. For some models, the fan motor will continue to operate.

Auto Defrost

When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to operate until the coils defrost. Note: During this process the appliance may make gurgling sounds which is completely normal.

Power protection

To maximise the life of the appliance and to protect its system, after the appliance has been stopped it cannot be restarted for a 3 minute period. Operation will automatically start after the 3 minutes has expired.

Smart Dehumidifier Mode (some models)

During Smart Dehumidifier mode, the appliance will automatically control the room humidity to a comfortable 45%-55% range, according to the room temperature. Any humidity setting will be disregarded during this function's operation.

Auto Restart

If the appliance unexpectedly loses power (i.e. a power black-out) it will automatically restart with the previous settings applied once power resumes.

Getting Started (Continued)

OTHER FEATURES (CONTINUED)

Setting the Timer

- When the appliance is switched on, press the Timer button. The Timer Off indicator light will illuminate, indicating that the Auto Stop program is initiated. Press the Timer button again the Time On indicator light will illuminate, indicating the Auto Start is initiated.
- When the appliance is switched off, press the Timer button. The Timer On indicator light will illuminate, indicating the Auto Start program is initiated.
- Press or hold down the Increase or Decrease buttons to change the Auto time in 0.5 hour increments (up to 10 hours) and then in 1 hour increments up to 24 hours.
- Once you've set your defined time, wait 5 seconds to confirm your selection. The display will automatically revert back to display the previous humidity setting.
- When the Auto Start and Auto Stop times are set within the same program sequence, both the Timer On and Off indicator lights will illuminate, indicating that both On and Off times have been set.

Note: Turning the appliance On or Off at any time or adjusting the Timer setting to 0.0 will cancel the Auto Start or Auto Stop functions. If the LED display window is showing the error code P2, the Auto Start or Stop function will also be cancelled.

Dryer Mode

Your dehumidifier has a dryer mode which effectively operates at Maximum Dehumidification, which can assist with drying wet carpets, rugs or laundry. During it's operation, the dehumidifier disregards the room's humidity level and the fan speed will be fixed at the High speed setting. After a maximum of 10 hours operation, the dehumidifier will automatically exit the Dryer mode.

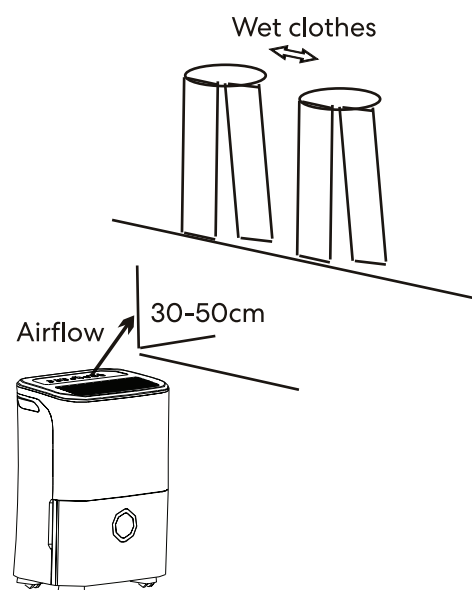
Notes:

- When using Dryer mode, ensure it's operating in a closed room; do not open any doors or windows.
- To maximise it's potential, please first try to remove as much water from clothes or carpets as possible.
- Make sure there is direct airflow to the wet clothes.

Important! Never cover the outlet of the appliance with clothes or laundry items. This can result in excessive heat and result in a failure of the unit or even a fire.

Warning! Never allow water to enter into the appliance. This can result in failure of the unit or risk electric shock.

Allow 30-50cm of distance above and to the side of the appliance and that of the wet laundry.



Operation Instructions

IMPORTANT! FIRST USE:

When first using the dehumidifier, operate the unit continuously 24 hours.

- This dehumidifier is designed to operate with a working environment between 5°C and 35°C.
- If the unit has been switched off and needs to be switched on again quickly, allow approximately three minutes for the correct operation to resume. This relates to a built-in safety mechanism to maximise the appliance lifetime.
- Do not connect the dehumidifier to a powerboard or adapter, which is also being used for other electrical appliances.
- Select a suitable location, making sure you have easy access to an electrical outlet.
- Plug the unit into an electrical socket with earth connection.
- Make sure the water tank is correctly fitted otherwise the unit will not operate properly.

Note: When the water in the tank is quite high, please be careful when moving the appliance to avoid it spilling.

REMOVING THE COLLECTED WATER

There are two ways to remove collected water.

1. Use the internal water tank.

- When the appliance is Off and the water tank is full, the appliance will beep 8 times. The FULL indicator light will also flash and the digital display will show P2.
- When the appliance is On and the water tank reaches its full capacity, the appliance will beep 8 times. The compressor will switch off automatically, however the fan will operate for 30 seconds to dry any water of the condenser. The FULL indicator light will also flash and the digital display will show P2.
- Slowly and carefully remove the water tank. Grip the left and right handles securely and carefully pull the tank straight out ensuring that the water doesn't spill.

Warning! Do not sit the water tank on the floor, as its base is uneven and the tank will likely spill.

- Empty the water tank and refit it into the appliance, ensuring that you've dried the outside of the water tank if any water has spilt. The water tank must be correctly and securely fitted for the dehumidifier to operate.

- The appliance will automatically restart once the water tank is fitted correctly.

Warning! Never drink the water collected within the appliance. It must be disposed of.

Warning! Whilst the water tank is removed, be careful to ensure you don't touch any parts inside the appliance. Never leave the appliance unattended.

2. Continuous draining.

- Water can be automatically emptied into a drain (i.e. floor drain) by attaching the unit with a water hose (not included).
- Remove the cover from the back drain hose outlet.
- Attach a drain hose (13.5mm diameter) and lead it to the floor drain or other form of suitable drainage.
- Ensure that there are no kinks within the hose that will stop the water from flowing.
- Ensure that the hose is secure and that there are no leaks. The hose must flow downwards from the appliance to ensure that the water flows easily (i.e. no "hills" or high points in the hose).

Note: When the continuous drain feature is not being used, remove the drain hose from the outlet and re-fit the plug.

FAQs & Troubleshooting Guide

If you experience problems with your portable air conditioner, or it appears not to be operating correctly, check the information below for solutions to common problems. If none of the solutions offered help you solve your problem, please contact our after sales support centre on 1300 11 HELP (4357) or emailing support@residentiagroup.com.au for advice. Do not attempt to repair the appliance yourself!

The dehumidifier will not start	<ul style="list-style-type: none"> • Is it plugged into a wall socket? • Is the wall socket live? • Check that a fuse hasn't blown or circuit a circuit breaker has tripped. Try an alternative power point in another room. • Check that the water tank isn't full. • Check that the water tank has been fitted correctly. Remove and re-install.
Dehumidifier doesn't dry the air to the level expected	<ul style="list-style-type: none"> • Open windows or doors are allowing warm air in. Close all windows and doors. • Have you allowed enough time for the appliance to work? • Is the room you are using the appliance in too large? • Room temperature is too low (below 5°C). • The air filter is clogged. See Care and cleaning under the Other Useful Information section.
Noise and vibrations occur	<ul style="list-style-type: none"> • Make sure that the dehumidifier is placed on a steady, even and level surface. • The air filter is clogged. See Care and cleaning under the Other Useful Information section.
A gurgling sound is heard	This can often be explained by the movement of the refrigerant within the Dehumidifier. This is completely normal and most prevalent during its automatic defrost program.
Error Code is displayed	Refer to the list of error codes and reasons within this user manual, listed on page 11.
There is water on the floor	<ul style="list-style-type: none"> • Check that the hose connection at the rear is tight (where used). • Where using the internal water tank to capture water, ensure that the back drain plug is in place tightly.

Other Useful Information

CARE AND CLEANING

WARNING! ELECTRIC SHOCK HAZARD!

Before cleaning and servicing, ensure the unit is switched off and disconnected from the power outlet to prevent possible injury.

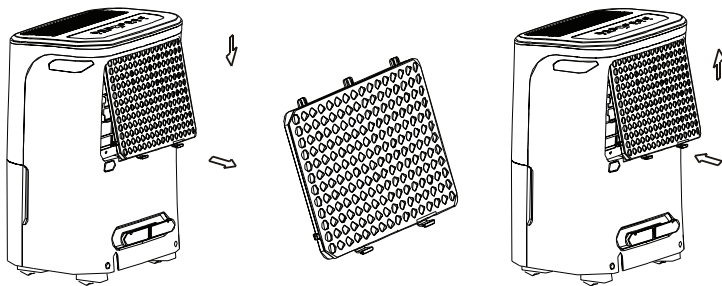
- Clean the dehumidifier using a lightly moistened cloth. Use only mild cleaning agents, never solvents or corrosive chemicals. Never spray the dehumidifier with water.
- You can turn the dehumidifier on again directly after it has been turned off but it takes 3 minutes for the compressor to restart and the cooling and dehumidifying functions to work. Only the fan will restart directly.

CAUTION: Do not wash the unit directly. Do not use any solvent or alcohol-based cleaning agent on any surface. Using such harsh cleansers will scratch or damage the surface, or can even lead to deformation of the housing.

CLEANING THE AIR FILTERS

The air filter should be cleaned every 14 days.

1. Turn off the dehumidifier and pull out the plug from the wall socket.
2. Remove the filter holder over the air inlet
3. Vacuum the filter and wipe it clean with a damp cloth. Clean the air intake where the filter sits too.
4. Allow the filter to completely dry before refitting it.



WARNING!

Never put the filter in a dishwasher or washing machine. This will cause damage.

IMPORTANT!

Never operate the appliance without the air filter installed as dust and lint will clog the appliance and reduce performance.

BEFORE STORAGE

When storing your dehumidifier for long periods of time, follow the simple steps below before disconnecting and storing the appliance. The ambient temperature should be below 23°C.

1. After turning the appliance off and disconnecting from Power, wait one day before emptying its internal water tank.
2. Clean the main unit, empty and dry the water tank and clean the air filter and grills.
3. Cover the appliance with a plastic bag and store it upright in a dry and well ventilated area.

SERVICE AND REPAIR

If you look after your portable air conditioner it should give you years of good service. Should you experience problems with the appliance that you cannot solve yourself using the advice given within this manual, please contact our after sales support centre for advice.

WARNING!




Do not attempt to repair the appliance yourself!

SPARE PARTS

Our after sales support centre stocks spare parts for this Dehumidifier. To purchase a part, call the centre on 1300 11 4357.

Technical Specifications

RATING LABEL

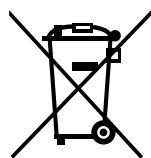
Dehumidifier MODEL: GGSAD16W		 E2447
		WWW.SOLT.HOUSE
CAPACITY (DB=30° CRH=80%)	16L/DAY	
MAXIMUM ALLOWABLE PRESSURE	2.6MPa	
EXCESSIVE OPERATING PRESSURE	DISCHARGE	2.6MPa
	SUCTION	1.0MPa
POWER SOURCE	220-240V~50Hz,1Ph	
REFRIGERANT	R290/0.075kg	
RATED CURRENT	2.2A	
RATED INPUT	430W	
<h2>WARNING</h2> <p>Appliance should be installed, operated and stored in a room with a floor area larger than 4m².</p>		
MADE IN CHINA		

COMPLIANCE

This appliance has been fully tested and meets all requirements as set out by standards AS/NZS 60335.1 and AS/NZS 60335.2.40.

RESPONSIBLE DISPOSAL

At the end of its working life, do not throw this appliance out with your household rubbish. Electrical and electronic products contain substances that can have a detrimental effect on the environment and human health if disposed of inappropriately. Observe any local regulations regarding the disposal of electrical consumer goods and dispose of it appropriately for recycling and recovery of the refrigerant. Contact your local authorities for advice on recycling facilities in your area.



Warranty Information

WARRANTY TERMS & CONDITIONS DEHUMIDIFIERS

This document sets out the terms and conditions of the product warranties for Residentia Group Appliances. It is an important document. Please keep it with your proof of purchase documents in a safe place for future reference should you require service for your Appliance.

1. IN THIS WARRANTY

- (a) 'acceptable quality' as referred to in clause 10 of this warranty has the same meaning referred to in the ACL;
 - (b) 'ACL' means Trade Practices Amendment (Australian Consumer Law) Act (No.2) 2010;
 - (c) 'Appliance' means any Residentia Group product purchased by you accompanied by this document;
 - (d) 'ASR' means Residentia Group authorised service representative;
 - (e) 'Residentia Group' means Residentia Group Pty Ltd of 165 Barkly Ave, Burnley VIC 3121, ACN 600 546 656 in respect of Appliances purchased in Australia;
 - (f) 'major failure' as referred to in clause 10 of this warranty has the same meaning referred to in the ACL and includes a situation when an Appliance cannot be repaired or it is uneconomic for Residentia Group, at its discretion, to repair an Appliance during the Warranty Period;
 - (g) 'Warranty Period' means:
 - (i) where the Appliance is used for personal, domestic or household use (i.e. normal single family use) as set out in the instruction manual, the Appliance is warranted against manufacturing defects for 24 months, following the date of original purchase of the Appliance;
 - (h) 'you' means the purchaser of the Appliance not having purchased the Appliance for re-sale, and 'your' has a corresponding meaning.
2. This warranty only applies to Appliances purchased and used in Australia and is in addition to (and does not exclude, restrict, or modify in any way) any non-excludable statutory warranties in Australia.
 3. During the Warranty Period Residentia Group or its ASR will, at no extra charge if your Appliance is readily accessible for service, without special equipment and subject to these terms and conditions, repair or replace any parts which it considers to be defective. Residentia Group or its ASR may use remanufactured parts to repair your Appliance. You agree that any replaced Appliances or parts become the property of Residentia Group. This warranty does not apply to light globes, batteries, filters or similar perishable parts.
 4. Parts and Appliances not supplied by Residentia Group are not covered by this warranty.

5. You will bear the cost of transportation, travel and delivery of the Appliance to and from Residentia Group or its ASR. If you reside outside of the service area, you will bear the cost of:
 - (a) travel of an authorised representative;
 - (b) transportation and delivery of the Appliance to and from Residentia Group or its ASR, in all instances, unless the Appliance is transported by Residentia Group or its ASR, the Appliance is transported at the owner's cost and risk while in transit to and from Residentia Group or its ASR.
6. Proof of purchase is required before you can make a claim under this warranty.
7. You may not make a claim under this warranty unless the defect claimed is due to faulty or defective parts or workmanship. Residentia Group is not liable in the following situations (which are not exhaustive):
 - (a) the Appliance is damaged by:
 - (i) accident
 - (ii) misuse or abuse, including failure to properly maintain or service
 - (iii) normal wear and tear
 - (iv) power surges, electrical storm damage or incorrect power supply
 - (v) incomplete or improper installation
 - (vi) incorrect, improper or inappropriate operation
 - (vii) insect or vermin infestation
 - (viii) failure to comply with any additional instructions supplied with the Appliance;
 - (b) the Appliance is modified without authority from Residentia Group in writing;
 - (c) the Appliance's serial number or warranty seal has been removed or defaced;
 - (d) the Appliance was serviced or repaired by anyone other than Residentia Group, an authorised repairer or ASR.
8. This warranty, the contract to which it relates and the relationship between you and Residentia Group are governed by the law applicable where the Appliance was purchased.
9. To the extent permitted by law, Residentia Group excludes all warranties and liabilities (other than as contained in this document) including liability for any loss or damage whether direct or indirect arising from your purchase, use or non use of the Appliance.
10. For Appliances and services provided by Residentia Group in Australia, the Appliances come with a guarantee by Residentia Group that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Appliance repaired or replaced if the Appliance fails to be of acceptable quality and the failure does not amount to a major failure. The benefits to you given by this warranty are in addition to your other rights and remedies under a law in relation to the Appliances or services to which the warranty relates.
11. At all times during the Warranty Period, Residentia Group shall, at its discretion, determine whether repair, replacement or refund will apply if an Appliance has a valid warranty claim applicable to it.
12. To enquire about claiming under this warranty, please follow these steps:
 - (a) carefully check the operating instructions, user manual and the terms of this warranty;
 - (b) have the model and serial number of the Appliance available;
 - (c) have the proof of purchase (e.g. an invoice) available;
 - (d) telephone the numbers shown below.
13. You accept that if you make a warranty claim, Residentia Group and its ASR may exchange information in relation to you to enable Residentia Group to meet its obligations under this warranty.

IMPORTANT

Before calling for service, please ensure that the steps in point 12 have been followed.

Telephone contacts

- ▶ Service: Please call 1300 11 HELP (4357)

The Australian Consumer Law requires the inclusion of the following statement with this warranty:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably 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.

**An initiative by
Residentia Group**



ESSENTIALS FOR LIFE

**T. 1300 11 4357
E. support@residentiagroup.com.au**

www.solt.house



E2447

SÔLT