

USER MANUAL

INALTO?

INALTO.HOUSE

4.0kW Portable Air-conditioner

MODEL CODE

IAPF34000W



AUSTRALIAN OWNED

V 1.1 | 0826

Welcome

Congratulations on purchasing your new Portable Air-conditioner!

The Inalto 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 portable air-conditioner 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 Inalto appliance and we look forward to being of service to you.

Kind Regards,
The Residentia Team

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Customer Care

Inalto 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

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

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:

- 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.

ELECTRICAL SAFETY AND CORD HANDLING

- Voltage: Before turning on the air conditioner, 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.

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 air conditioner 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.
- Startup settings: Set the unit to maximum cooling and high speed ventilation for the initial startup, then adjust the unit down to a more comfortable setting as required.
- Airflow: Do not direct the airflow onto plants or animals, as long and direct exposure to cold air from the air conditioner could adversely affect them.
- Cold air exposure: Never remain directly exposed to the flow of cold air for a long time, as direct and prolonged exposure to cold air from the air conditioner could be dangerous for your health. Take particular care in rooms where there are children, old, or sick people.
- Moving the appliance: When moving the air conditioner, 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.

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 air conditioner 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.

- Cooling efficiency: To help cooling efficiency, keep blinds and curtains closed during the sunniest part of the day. Close off any fireplace damper, floor and/or wall register so cool air does not escape through the chimney or duct work.

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 air conditioner where furniture or other objects can obstruct the airflow.
- Do not cover: Do not cover the air conditioner 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 air conditioner 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 air conditioner near sources of heat, or exposed to direct sunlight.
- Room size: The unit is designed for use in a room of 16-18m² (IAPF32600W) and 18-23m² (IAPF33500).
- Clearances: Always keep a clearance of at least 30cm from walls, furniture and curtains.



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. When there are differences between the label and the manual on the Min. room area description, the description on label shall prevail.

For R290:

Amount of refrigerant (kg)	Min. room area (m ²)
≤ 0.0836	4
> 0.0836 and ≤ 0.1045	5
> 0.1045 and ≤ 0.1254	6
> 0.1254 and ≤ 0.1463	7
> 0.1463 and ≤ 0.1672	8
> 0.1672 and ≤ 0.1881	9
> 0.1881 and ≤ 0.2090	10
> 0.2090 and ≤ 0.2299	11
> 0.2299 and ≤ 0.2508	12
> 0.2508 and ≤ 0.2717	13
> 0.2717 and ≤ 0.2926	14
> 0.2926 and ≤ 0.3135	15

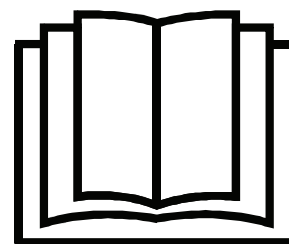
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- A warning that the appliance shall be stored in a well-ventilated area where the room size corresponds to 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

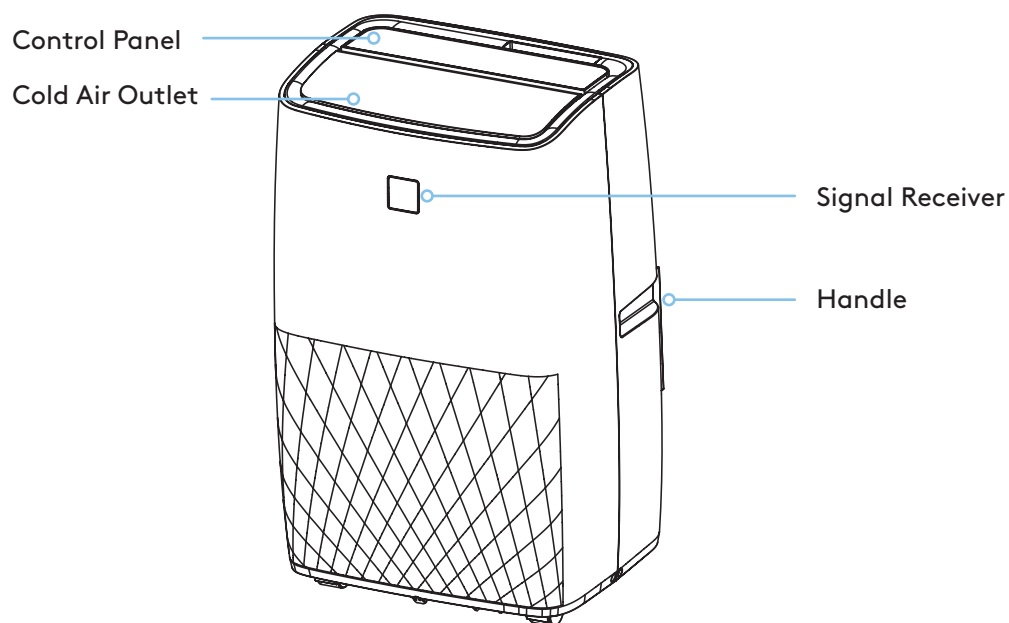
Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

19. Recovery

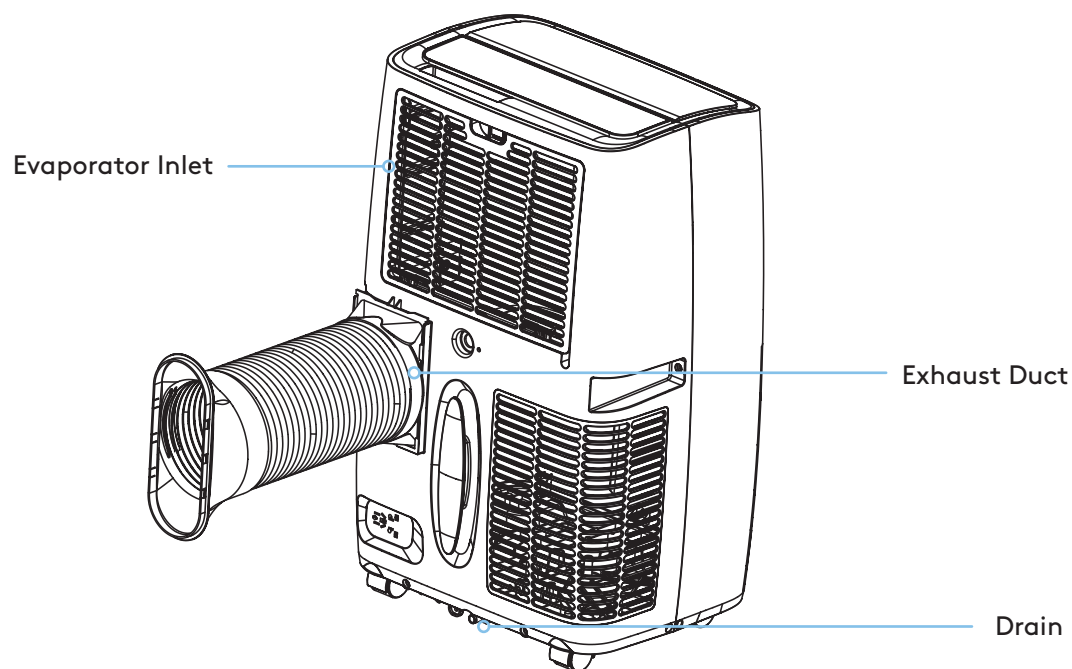
When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number 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 Portable Air-conditioner

MODEL: IAPF34000W
FRONT VIEW

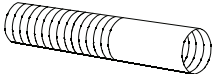


REAR VIEW



Note: The images in this user manual are for explanatory purposes only.
Your Portable Air-conditioner may appear slightly different.

ACCESSORIES

Shape	Name of Accessories	Quantity
	Air Exhaust Duct	1 piece
	Air Exhaust Duct Connector	1 piece
	Window Exhaust Adapter	1 piece
	Baffle Plate	1 piece
	Remote Control	1 piece

UNIT OPERATING AMBIENT TEMPERATURE RANGE

Mode	Temperature Range
Cool	15-31°C (59-88°F)

Installation

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:
- Select the best position the unit beside a window, door, or French door. Maintain a minimum clearance of 19 ½" (60 cm) between the return air outlet and any wall or obstruction.
- Secure one end of the air hose to the outlet underneath the appliance.
- Extend the air hose so the opposite end can reach the window, door, French door, or wall opening without obstruction.
- Ensure the air inlet and outlet remain unobstructed and are not covered by protective grilles or other objects.
- Make sure that you install your unit on an even surface to minimise noise and vibration.
- The unit must be installed near a grounded plug, and the Collection Tray Drain must be accessible. in the unit malfunctioning or causing injury.
- The horizontal louver blade should be at least 50cm (19.7") away from obstacles.
- DO NOT cover the Intakes, Outlets or Remote Signal Receptor of the unit, as this could cause damage to the unit.

IMPORTANT NOTE: Do not install this appliance at a dry cleaner's premises.

Consider the following for optimal performance:

- Make sure that no furniture or other objects are obstructing airflow.
- Keep the filter clean.
- Shut any curtains in any room exposed to direct sunlight to prevent the room from becoming unnecessarily warm.
- Keep all doors and windows closed to prevent warm air from entering the room.
- The cooling function of the air conditioner works best in rooms with an ambient temperature of 17–35°C.
- The dehumidifying function of the air conditioner works best in rooms with an ambient temperature of 13–35°C.

INSTALLING THE AIR EXHAUST DUCT

1. Extend the air exhaust duct by drawing out the two ends of the duct
2. Screw the air exhaust duct into the connector of air exhaust duct
3. Connect the connector of air exhaust duct to the unit

WINDOW INSTALLATION KIT (BOTH MODELS)

1. Insert Panel A into Panel B in the direction indicated by the arrow in Fig 1

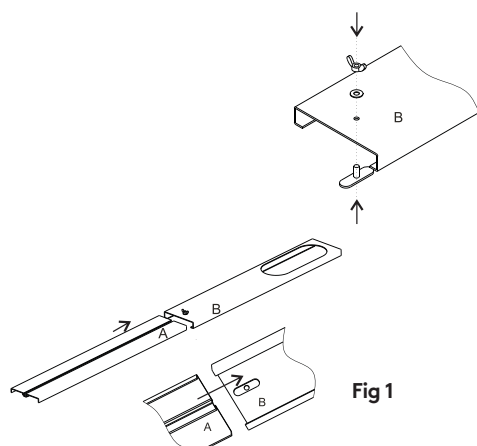


Fig 1

2. As shown in Fig 2, the assembled unit allows the user to adjust Panel A up or down to suit the height of the window

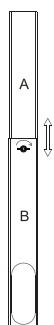


Fig 2

3. Install the exhaust air duct and its accessories into the window kit in the direction indicated by the arrow in Fig 3

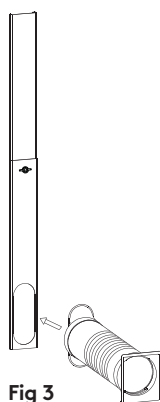


Fig 3

4. The exhaust air duct, window kit, and all associated accessories are fully assembled as shown in Fig 4

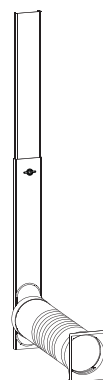


Fig 4

5. Open the window where the exhaust air duct, window kit, and accessories will be installed in Fig 5

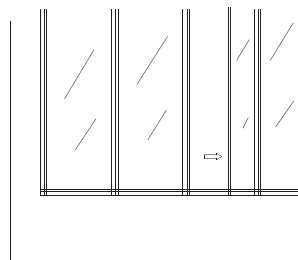


Fig 5

6. Install the exhaust air duct, window kit, and accessories onto the window. Then, close the window in the direction indicated by the arrow in Figure 6, ensuring the window kit is held securely in place.

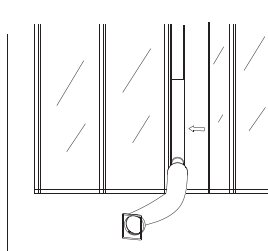


Fig 6

Installation (Continued)

WINDOW INSTALLATION KIT

7. Install the exhaust air duct, window kit, and accessories onto the window as shown in Fig 7. Ensure all components are fitted securely and positioned correctly.

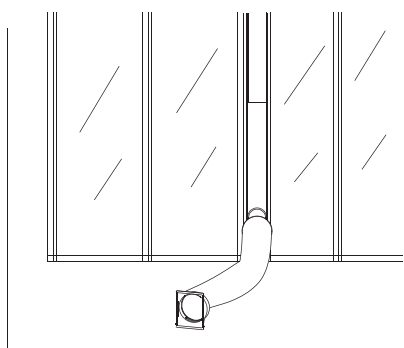


Fig 7

9. The exhaust air duct and its accessories are fully assembled as shown in Fig 9.

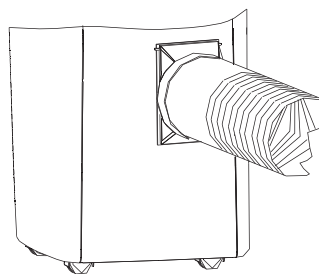


Fig 9

8. Connect the other end of the exhaust air duct and its accessories to the portable air conditioner shown in Fig 8.

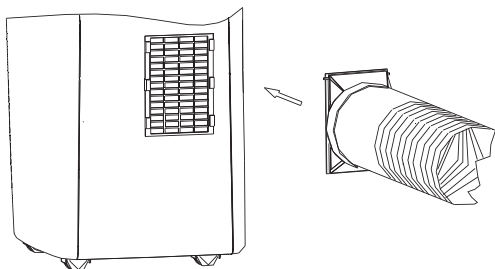


Fig 8

10. The complete unit is assembled and ready for use, as shown in Fig 10.

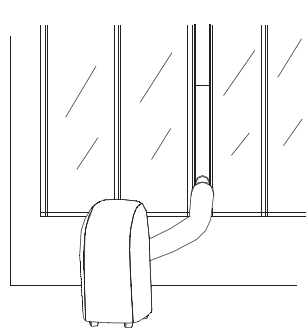
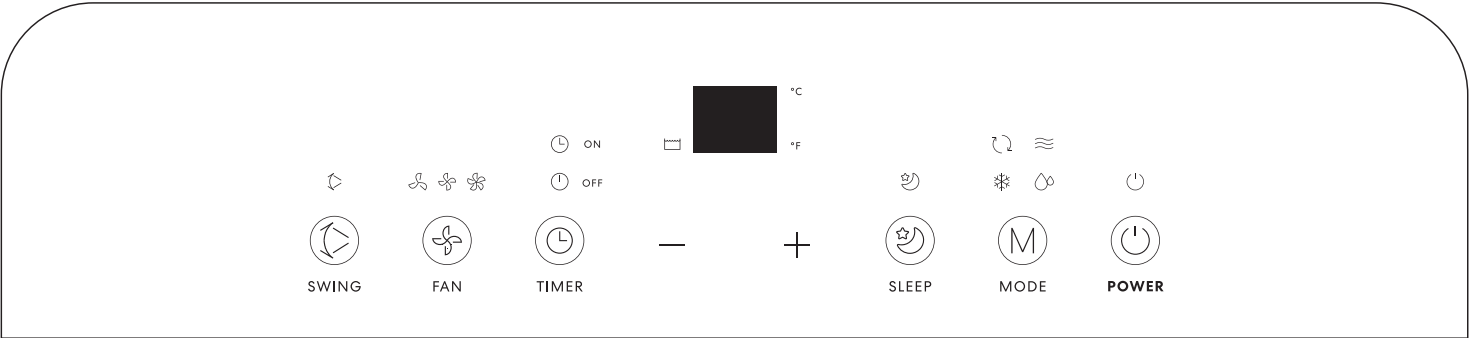


Fig 10

Note: The images in this user manual are for explanatory purposes only. Your Portable Air-conditioner may appear slightly different.

Operation Instructions

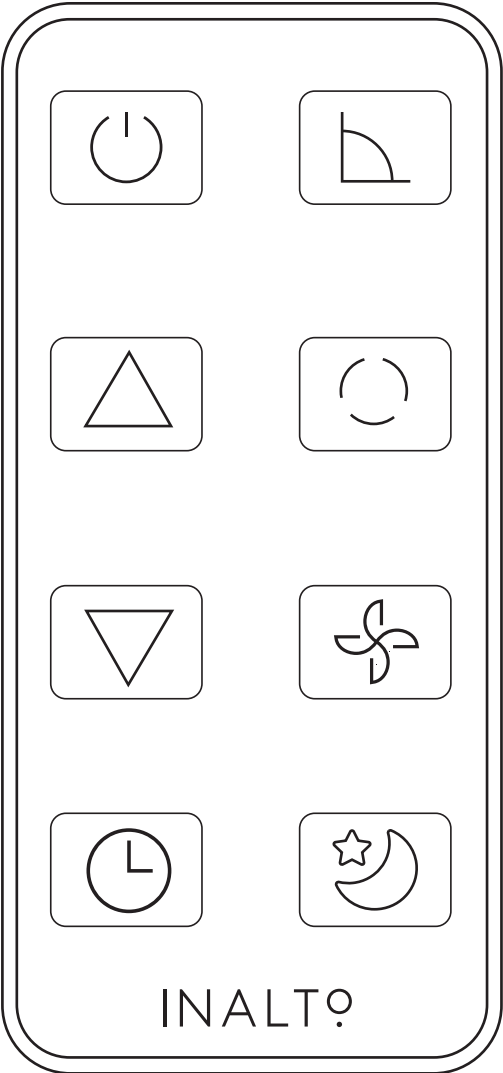
CONTROL PANEL IAPF34000W



Icon	Function
	Power button
	Fan speed button
	Mode button
	Timer/Temperature up button
	Timer/Temperature down button
	Swing button
	Sleep Mode
	Current Fan Speed (Low, Middle, High)
	Current Mode (Auto, Cool, Dehumidify, Fan)
	Full Water Indicator
°C °F	Temperate Scale (C° or F°)

Operation Instructions (Continued)

REMOTE CONTROL IAPF34000W



Icon	Function
	Power button
	Swing button
	Timer/Temperature up button
	Timer/Temperature down button
	Selection operation mode
	Fan Speed
	Timer button
	Sleep Mode

Installing the Batteries

1. Slide the back cover open and remove the insulating film from the batteries
2. Insert the batteries into the compartment, ensuring the positive (+) and negative (-) terminals are aligned correctly
3. Refit the back cover securely

Important Notes:

4. Always match the battery polarity symbols (+/-) inside the remote control
 - Do not mix new and used batteries together
 - Remove the batteries if the remote control will not be used for an extended period
 - Dispose of used batteries safely and in accordance with local environmental regulations

Power On

- Plug the unit into a power outlet. The unit will emit a single beep.
- Press the Power button to turn the unit on. The LED display will show the current room temperature, and the unit will start in Auto Mode.

Select an Operating Mode

- Press the Mode button to cycle through the available operating modes:
- Auto → Cool → Dry → Fan
- Continue pressing the button until the desired mode is selected.

Adjust the Temperature

- The temperature can be set between 15°C and 31°C in 1°C increments.
- Press the + button to increase the temperature.
- Press the – button to decrease the temperature.
- The LED display will show the selected temperature for approximately 5 seconds before reverting to the current room temperature.

Adjust the Fan Speed

- Press the Fan Speed button to select the desired airflow setting: Low → Medium → High
- Continue pressing the button until the preferred fan speed is selected.

Power Off

- To turn the unit off, press the Power button again. The unit will emit a beep and stop operating.

Swing Function

- Press the Swing button to activate automatic louvre movement. The air outlet louvre will oscillate up and down continuously.
- To stop the swing function, press the Swing button again.

OPERATING MODES

AUTO MODE

- When Auto Mode is selected, the unit automatically chooses the most suitable operating mode based on the room temperature.
- If the room temperature is 24°C or higher, the unit will operate in Cooling Mode.
- If the room temperature is below 24°C, the unit will operate in Fan Mode.

DRY MODE (DEHUMIDIFICATION)

- The fan operates at a fixed low speed and cannot be adjusted.
- The compressor cycles on and off automatically to optimise dehumidification performance.
- Temperature adjustment is disabled in this mode.

COOL MODE

- The compressor operates whenever the room temperature is above the set temperature.
- Once the set temperature is reached, the compressor will stop and restart automatically as required to maintain the selected temperature.

FAN MODE

- The fan operates at the selected fan speed.
- The compressor does not operate.
- Temperature adjustment is not available.

TIMER FUNCTION

- The timer can be used to automatically turn the unit on or off

AUTO OFF TIMER

- While the unit is operating:
- Press the Timer button.
- Use the + or – buttons to set the desired shut-off time.

Cleaning & Maintenance

AIR FILTER & CABINET CLEANING

Clean the unit using a damp, lint-free cloth and mild detergent. Dry the unit with a dry, lint-free cloth.

MAINTENANCE TIPS

- Be sure to clean the air filter every 2 weeks for optimal performance.
- The water collection tray should be drained immediately after P1 error occurs, and before storage to prevent mold.
- In households with animals, you will have to periodically wipe down the grill to prevent blocked airflow due to animal hair.

BEFORE STORAGE

- Drain the unit's water collection tray according to the instructions in the following section.
- Run the appliance on FAN mode for 12 hours in a warm room to dry it and prevent mould.
- Turn off the appliance and unplug it.
- Clean the air filter according to the instructions in the previous section. Reinstall the clean, dry filter before storing.
- Remove the batteries from the remote control.

Note: Be sure to store the unit in a cool, dark place. Exposure to direct sunshine or extreme heat can shorten the lifespan of the unit.

Note: The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry. Never use harsh cleansers, wax or polish on the cabinet front. Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the unit.

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!

WARNING: Do not remove or install the lower filter by yourself. It should be installed by an authorised dealer or licensed service provider.

SPARE PARTS

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

SERVICE AND REPAIR

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@residentialgroup.com.au for advice. Do not attempt to repair the appliance yourself!

Unit does not turn on when pressing ON/OFF button	• P1 Protection Code The Water Collection Tray is full. Turn off the unit, drain the water from the Water Collection Tray and restart the unit. • In COOL mode: room temperature is lower than the set temperature Reset the temperature.
Unit does not cool well	• The air filter is blocked with dust or animal fur Turn off the unit and clean the filter according to instructions • Exhaust hose is not connected or is blocked Turn off the unit, disconnect the hose, check for blockage and reconnect the hose • The unit is low on refrigerant Call a service technician to inspect the unit and top off refrigerant • Temperature setting is too high Decrease the set temperature • The windows and doors in the room are open Make sure all windows and doors are closed • The room area is too large Double-check the cooling area • There are heat sources inside the room Remove the heat sources if possible
The unit is noisy and vibrates too much	• The ground is not level Place the unit on a flat, level surface • The air filter is blocked with dust or animal hair Turn off the unit and clean the filter according to instructions
The unit makes a gurgling sound	This sound is caused by the flow of refrigerant inside the unit. This is completely normal.

Technical Specifications

Model	IAPF34000W
Cooling Capacity	4000W
Dehumidifying Capacity	1.5 L/h
Cooling Input Power/Current	1500W/6.9A
Air Flow Volume (m ³ /h)	400m ³ /h
Rated Voltage/Frequency (V/Hz)	220-240V/50Hz
Sound Pressure Level (dB(A))	LPA: 54dB(A)
	LWA: 65dB(A)
Rated Energy Efficiency Ratio (EER _{rated})	2.6
Global Warming Potential (kg CO ₂)	3
EER _{rated} Class	A
Net Weight (kg)	30.5kg
Dimensions WxDxH (mm)	440x335x710
Refrigerant	R290/260g
Applying Space (m ²)	20-30m ²
Miniature Fuse	3.15A 250VAC

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.

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.* |

Attach your receipt
to this page



Warranty Information

WARRANTY TERMS & CONDITIONS PORTABLE AIR-CONDITIONERS

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.

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