

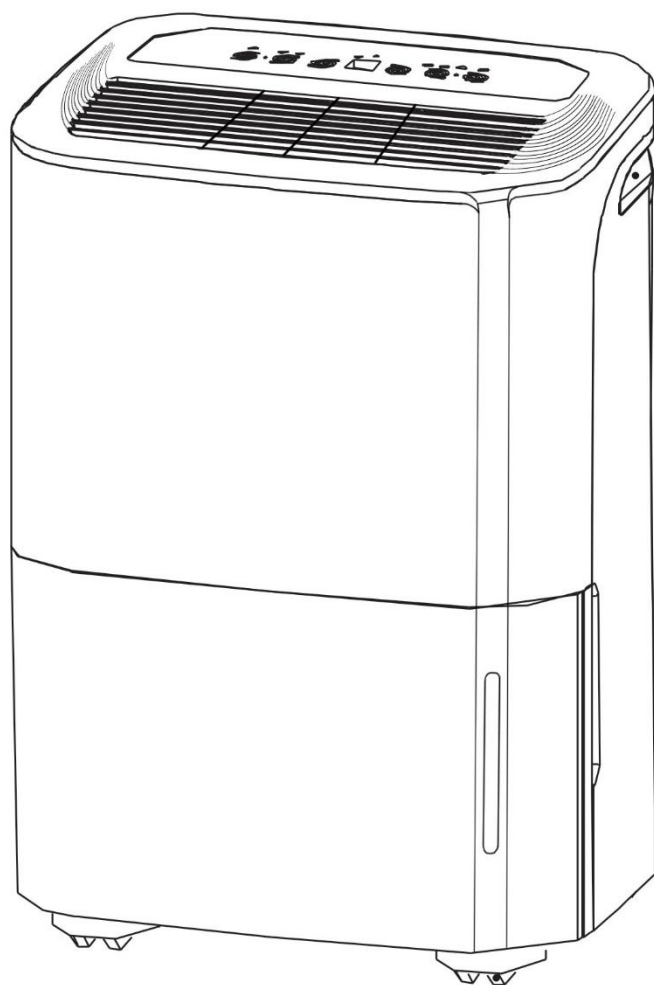
abode

Operating Manual

DEHUMIDIFIER

ADH1601
ADH1601B

DEHUMIDIFIER



CLEAN FILTER

Empty the appliance,
switch off and
remove the filter

6
MONTHS

**REGISTER YOUR
FREE 1 YEAR
GUARANTEE
TODAY**

GUARANTEE

At Abode, we take all our customer feedback seriously.

Feel free to contact our Product Care Team, on **0345 209 7461** who will be more than happy to assist you.

This product is guaranteed for 12 months from the date of the original purchase. If any defect arises due to faulty materials or workmanship, the faulty product must be returned to the place of purchase.

Refund or replacement is at the discretion of the retailer.

The following conditions apply:

- The product must be returned to the retailer with the original proof of purchase.
- The product must be installed and used in accordance with the instructions contained in this instruction guide and any other instructions for use which are supplied.
- It must be used for domestic purposes only and for its intended use.
- This guarantee does not cover wear and tear, damage, misuse or consumable parts.
- This does not affect your statutory rights.

CUSTOMER SERVICE CONTACT DETAILS

Website: www.thisabode.co.uk

Telephone: 0345 209 7461

Address: Product Care Trading Ltd, Unit 1, Green Bank Business Park, Swan Lane, Hindley Green, Wigan, WN2 4AY, United Kingdom / Product Care (Ireland) Ltd, Unit 3D North Point House, North Point Business Park, New Mallow Road, Cork, T23 AT2P, Ireland

Note your serial number below for future reference.



Image for illustration purposes only

REGISTER ONLINE

Visit our website to register your full parts and labour guarantee online.

www.thisabode.co.uk

REGISTER BY PHONE

Call our friendly Product Care team.

0345 209 7461

CONTENTS

Page	Section
2	Guarantee
4	Safety Instructions
6	Electrical Safety
7	Installation Guidance
8	Functions & Controls
9	Usage Instructions – Tanked Water Collection
10	Usage Instructions – Continuous Drained Water
11	First Time Use
12	Setting the Humidity
13	Smart & Dryer Modes
14	Timer
15	Operational Features & Contact Details
16	Cleaning & Care
17	Problem Solving
18	Error Codes & Technical Data



IMPORTANT NOTE: Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

IMPORTANT SAFETY INSTRUCTIONS

- This model uses natural refrigerant gas as part of its cooling system. This gas is known as R290 (Propane) and is environmentally friendly but can be combustible. Care should therefore be taken when handling or transporting the product to ensure that none of the refrigeration circuit components are damaged.
- It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to electrical parts.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. DO NOT use with damaged cord or plug.
- **DO NOT** use with an extension cable.
- This product is intended for household use only. DO NOT use outdoors.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be made by children without supervision.
- **ENSURE** adequate ventilation of the appliance.
- **DO NOT COVER.**

IMPORTANT SAFETY INSTRUCTIONS

- Use only parts and accessories supplied with the appliance, or sourced directly from the manufacturer. The use of accessory attachments not recommended by the manufacturer may cause fire, electric shock or injury.
- Keep the appliance and plug away from water.
- **DO NOT** use appliance if it has been dropped, damaged, left outdoors or dropped into water. Do not operate this appliance for anything other than its intended use.
- If unit is wet, do not plug unit into wall socket or turn unit on. Do not immerse in water or other liquids for cleaning.
- **DO NOT** handle the appliance with wet hands.
- **DO NOT** pull by the cord, close door on cord, pull cord around sharp corners or edges, or expose cord to heated surfaces.
- Only use the appliance when fully assembled.
- Never place your fingers or other objects into any part of the appliance other than to load and unload food. Be aware that loose clothing or hair may become trapped if improperly used.

ELECTRICAL SAFETY INSTRUCTIONS

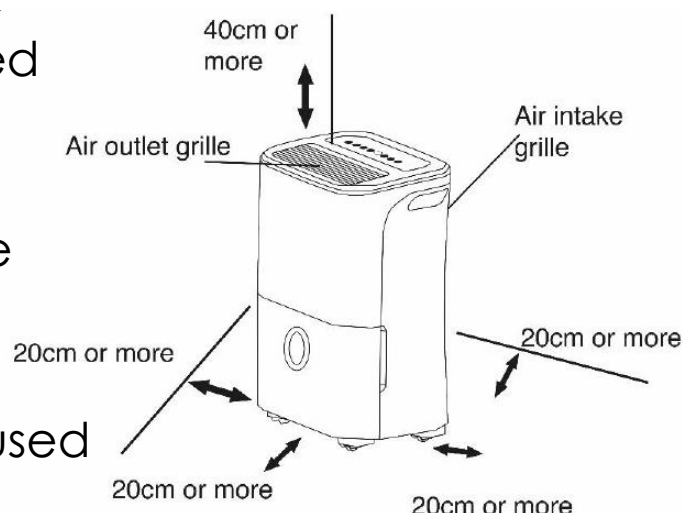
- This appliance must be plugged into an earthed socket.
- Before switching on, ensure the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 220 – 240V AC; 50Hz. Connection to any other power source may damage the unit.
- This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.
- Changing the plug should only be carried out by a qualified electrician. The plug removed must be disposed of safely, as insertion into a 13 Amp socket is likely to cause an electrical hazard.



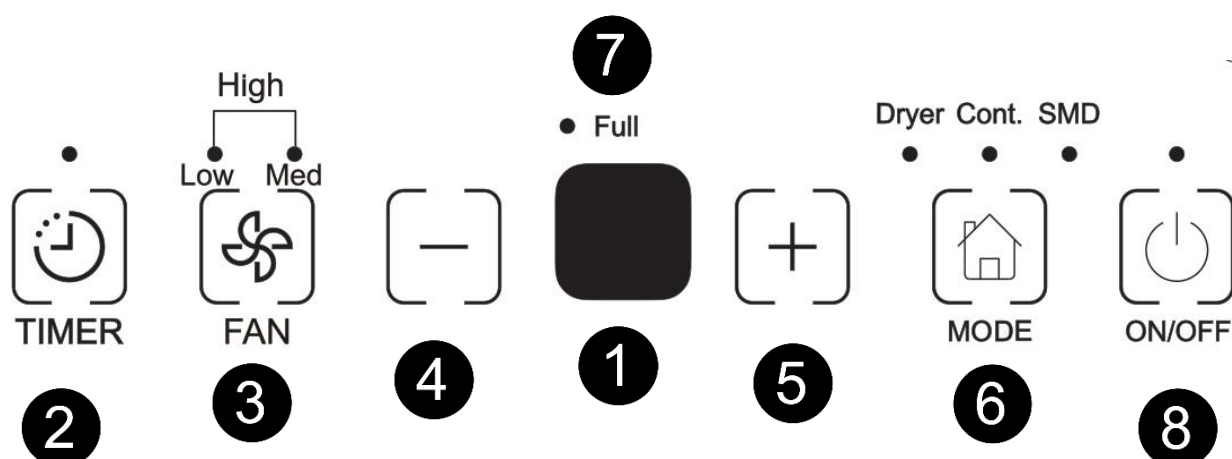
WARNING! During use, service, and disposal of the appliance, please pay attention to symbol similar to the one shown, which is located on rear of the appliance (rear panel or compressor) and with a yellow or orange colour. It's risk of fire warning symbol. There are flammable materials in refrigerant pipes and compressor. Please keep far away from fire sources during use, service, and disposal.

INSTALLATION GUIDANCE

- This dehumidifier is intended for indoor residential applications only. This dehumidifier should not be used for commercial or industrial applications.
- This appliance should be used in enclosed spaces to operate effectively, ensure all doors and windows are closed.
- Allow at least 20cm of space around the appliance to provide adequate ventilation.
- Ensure there is at least 40cm of space above the appliance to provide adequate air flow.
- Do not place anything on top of your appliance and **DO NOT** cover with anything, such as articles of clothing.
- If using to support in the drying of clothes, ensure clothing is on an adequate drying rack and that the dehumidifier is as close as possible to the clothing whilst maintaining ventilation spaces indicated above.
- Place the unit in an area where the temperature will not fall below 5°C (41 ° F). The coils can become covered with frost at temperatures below 5°C (41 ° F), which may reduce performance.
- The appliance must be used in the vertical position and on a flat surface.



FUNCTIONS & CONTROLS



1. LED display
2. Timer button
3. Fan Speed Selection
4. Down Control Button

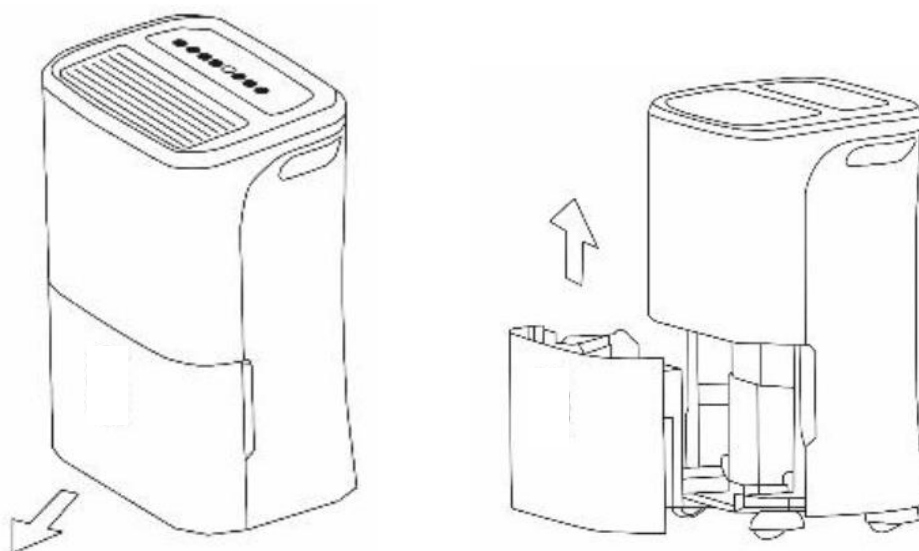
5. Up control button
6. Mode Selection
7. Water full Indicator
8. Power button

**When the 'Low' and 'Med' indicators are illuminated, the appliance is in the 'High' speed setting.*

For optimal performance, your appliance must be levelled. This will prevent deterioration of performance, damage to the appliance, and reduce noise.

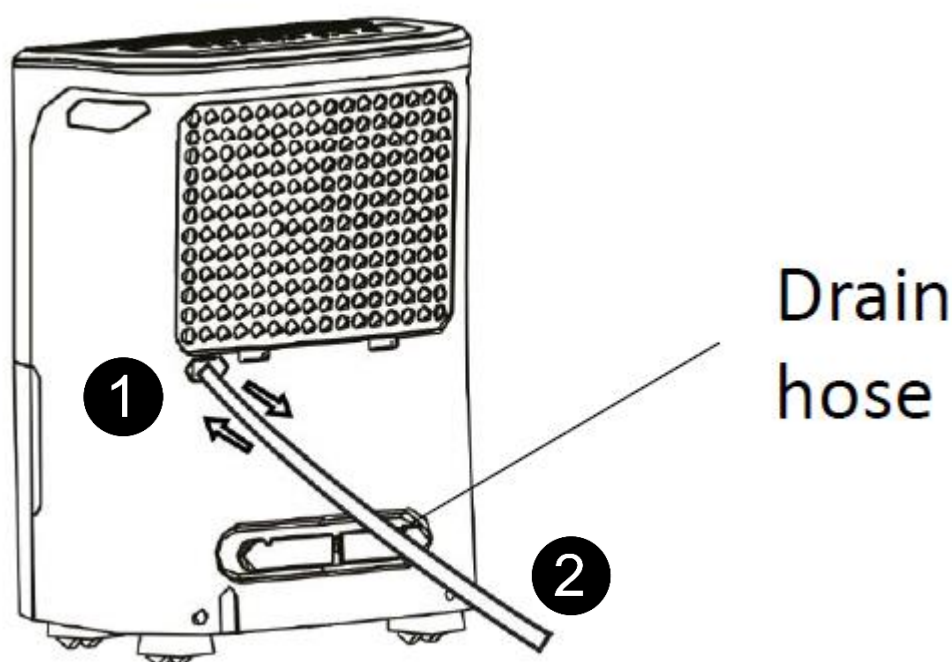
USAGE INSTRUCTIONS – TANKED WATER COLLECTION

- Ensure the drain plug is in place at the rear of the appliance. If the drain plug is not properly installed, this will lead to water leaking from the appliance causing a potential hazard and/or damage.
- When the water tank is full, the unit will automatically stop running, and the 'Full' indicator light will illuminate.
- Slowly pull out the tank and grip the left and right handles securely and carefully. Pull out the water tank straight so the water in the tank does not spill. Do not put the tank down because the bottom of the drawer is uneven.
- Empty the water and replace the tank. The tank must be correctly inserted for the dehumidifier to restart operation.
- The machine will restart operation after 3 minutes.



CONTINUOUS DRAINED WATER

- Water can be automatically emptied into a floor drain by attaching the unit with an inner diameter 13.5mm hose (60cm hose supplied).
- Remove the rubber bung (1) from the drain hose outlet on the back of the unit.
- Attach the hose (2) into the drain hose outlet in the back of the unit as shown below.



- Lead the water hose to a suitable drainage facility. The drainage facility should be lower than the drain outlet of the unit.
- Be sure to run the water hose sloping downward and let the water to flow out smoothly.
- **NOTE:** When the continuous drain feature is not being used, remove the drain hose from the outlet and attach the rubber bung back to the drain outlet.

FIRST TIME USE

We recommend that this appliance is run continuously for the first 24 hours of installation.

NOTE: Your appliance can be used as either 'Tanked' or 'Continuously Drained' water removal. Ensure that the product is set up correctly for the desired water removal method by following the instructions in this manual.

- Remove all packaging and plug the unit into a socket.
- Ensure the water tank is correctly positioned in line with guidance in this instruction manual.
- Press the 'Power' button to turn the dehumidifier on and off. The power indicator light will illuminate when the unit is turned on.
- When the unit is first switched on, the display shows the actual room % humidity level (within 5% accuracy).
- The humidity level can be set using the instructions for "Setting the Humidity"

CONTINUOUS MODE

- For maximum extraction rate, the continuous dehumidifier mode should be used.
- Press the 'Mode Selection' button on the control panel until "Cont." is selected. The continuous dehumidifier indicator light will illuminate when this mode is selected.
- The unit will continue to run at the maximum extraction rate until the water tank reaches the max fill level (if set to tanked collection).
- Press the 'Mode Selection' button again to cancel the continuous extraction.

SETTING THE HUMIDITY

- The desired humidity level can be set within a range of 35% to 85% relative humidity in 5% increments / decrements by pressing the '+' and '-' buttons.
- To select the desired humidity level, ensure the unit is not on the continuous mode. This can be done by checking the CONT. indicator is not illuminated. If it is then simply press the CONT button to de-activate the continuous mode and the CONT. indicator will switch off.
- Use the 'Up' and 'Down' buttons to select the desired humidity. The display will flash while the humidity is being set.
- For drier air, press the button and set a lower percent value(%).
- For damper air, press the button and set a higher percent value(%).

Note: The humidity cannot be set when the unit is operating in Continuous Dehumidifier (Extraction), Smart, or Dryer Modes.

FAN SPEED

- Control the fan speed by pressing the 'Fan Speed' button, and select from 'Low', 'Medium', and 'High'.
- When the humidity of a room has been reduced and/or you want a reduced and/or quieter operation – for instance to run overnight whilst sleeping, select the 'Medium' or 'Low' settings.
- The humidity level can be selected alongside the fan speed; however lower speed settings will result in lower moisture extraction rates.

SMART MODE

- In the SMART dehumidifying mode, the unit will automatically control room humidity in a comfortable range 45%~55% according to the room temperature.
- Press the 'Mode' button until the 'SMD' indicator light is illuminated. The appliance is now in SMART mode.
- Press the 'Power' button or 'Mode' button to cancel the Smart Dehumidification (Extraction) Mode.

Note: The humidity cannot be set when the unit is operating Smart Dehumidification (Extraction) Mode.

DRYER MODE

- For the maximum extraction rate when drying clothing, use the 'Dryer' Mode.
- The 'Dryer' mode functions like the 'continuous extraction' mode but with the additional boost of the 'turbo function'. The humidity level is automatically controlled according to the actual room humidity.
- The unit will run in 'Drying' mode for a maximum of 10 hours, or until the water tank is full.
- Press the 'Mode' button until the 'Dryer' indicator light is illuminated.
- Press the 'Power' button or 'Mode' button to cancel the dryer function.

Note: The humidity cannot be set when the unit is operating in 'Dryer' Mode.

Note: The 'Dryer' mode must be operated in a closed room. Do not operate with a door or window open.

Note: Place clothes 30-50cm from the unit for best drying results.

WARNING: Do not cover the air outlet with wet clothing, and do not place wet clothing above the unit.

TIMER - DELAYED START

- The unit must be plugged in, turned on at the mains and switched OFF on the appliance for the 'Auto Start' function to be programmed.
- With the unit off, press the 'Timer' button until the timer indicator light is illuminated. "0.0" will be displayed on the LED display.
- Use the 'Up' and 'Down' control buttons to select the desired delayed start time.
- The delayed start time can be adjusted in 0.5 hour increments up to 10 hours, and then in 1 hour increments up to 24 hours.
- The selected time will stay on the display for 5 seconds, and will then disappear. The countdown to the start time can be viewed by pressing the 'Timer' button again.

TIMER - AUTO STOP

- The 'Auto Stop' function can only be set when the unit is ON.
- Press the 'Timer' button until the timer indicator is illuminated.
- Use the 'Up' and 'Down' controls to select the desired end time.
- The stop time can be adjusted in 0.5 hour increments up to 10 hours, and then in 1 hour increments up to 24 hours.
- The selected time will stay on the display for 5 seconds, and will then disappear. The 'Auto Stop' time can be viewed by pressing the 'Timer' button again.
- **Note:** Turning the unit On or Off at any time will cancel the 'Delayed Start' or 'Auto Stop' functions and the unit can take 2 minutes to restart.
- If the time is adjusted to "0.0" this will also cancel the 'Timer' function.
- If the water drawer is full or "P2" is displayed, the 'Delayed Start' and 'Auto Stop' functions will be cancelled.

OPERATIONAL FEATURES

When the water tank is full the unit will automatically shut off; this will also occur when the tank is removed. The fan motor may continue for a period of 30 seconds after shut off, this is normal.

After the unit has stopped, the unit cannot be restarted for 3 minutes. This is a safety feature to protect the appliance. If the unit is not turned off then unit will automatically start after 3 minutes.

The unit has frost protection, this means that when frost builds up inside the unit the compressor will turn off and the fan will continue to run to remove the frost. Once the frost is removed the compressor will operate again.

If power to the unit is broken unexpectedly (power cut), once power is restored the unit will restart on the function it was running prior to the power being broken.

If you are still experiencing difficulties with the appliance, please contact us **BEFORE** returning the appliance to the retailer it was purchased from:

Website: www.thisabode.co.uk

Telephone: 0345 209 7461

Address: Product Care Trading Ltd, Unit 1, Green Bank Business Park, Swan Lane, Hindley Green, Wigan, WN2 4AY, United Kingdom / Product Care (Ireland) Ltd, Unit 3D North Point House, North Point Business Park, New Mallow Road, Cork, T23 AT2P, Ireland

CLEANING & CARE

Cleaning the Air Filter

- The air filter is located behind the air intake grill on the rear of the appliance and should be checked and cleaned at least every 30 days or more often if necessary.

DO NOT PUT THE FILTER IN AN AUTOMATIC DISHWASHER

To Remove the Air Filter:

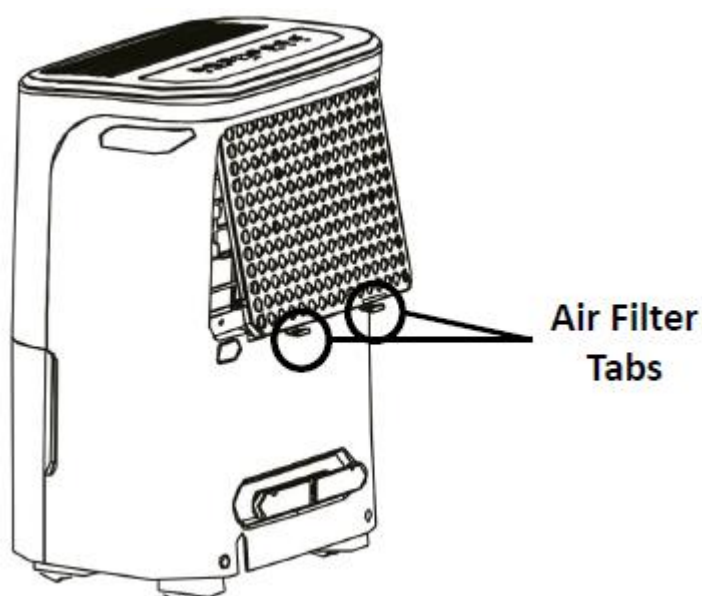
- Push the tabs on the filter, pull the filter upwards and then out
- Clean the filter with warm, soapy water. Rinse and let the filter dry before replacing. **DO NOT** clean the filter in a dishwasher.

To Replace the Air Filter

- Insert the filter into the unit, then push the filter upward.
- When re-install the filter, please press the middle tab of the filter first and then pat the bottom tab.

CAUTION:

- **DO NOT** operate the dehumidifier without a filter. This will cause dirt and lint to build up and clog the unit and will reduce performance. If the water drawer is full or "P2" is displayed, the Delayed Start and Auto Stop functions will be cancelled.



PROBLEM SOLVING

Unit does not start	• Lead the water hose to a suitable drainage facility. The drainage facility should be lower than the drain outlet of the unit. • Be sure to run the water hose sloping downward and let the water to flow out smoothly. • Wait 3 minutes and try again. • NOTE: When the continuous drain feature is not being used, remove the drain hose from the outlet and attach the rubber plug back to the drain outlet.
Dehumidifier does not dry the air as it should	• Did not allow enough time to remove the moisture. • Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier. • The humidity selector may not be set low enough. • Check that all doors, windows and other openings are securely closed. • Room temperature is too low, below 5°C(41°F). • There is a kerosene heater or other source of water vapour in the room.
The unit makes a loud sound when operating	• The air filter is clogged. • The unit is tilted instead of upright as it should be. • The floor surface is not level.
Frost appears on the coils	• This is normal, the appliance has an auto-defrost feature
Water on the floor	• Hose is not installed properly • Drain bung is not installed properly
Power indicator light flashes 5 times	• Temperature or humidity sensor error. • Unplug the unit, hold the power button for 5 seconds, and plug in the appliance to resolve. • If issue persists, contact customer services.

ERROR CODES

Code	Fault	Resolution
AS	Humidity Sensor Error	Unplug, hold the power button for 5 seconds, then plug back in and attempt to turn on.
ES	Temperature Sensor Error	Unplug, hold the power button for 5 seconds, then plug back in and attempt to turn on.
P1	Unit is Defrosting	Error will clear once defrost cycle is complete.
P2	Water Drawer Full / Water Drawer not in position	Empty the drawer and replace in the correct position.
E3	Unit Malfunction	Unplug, hold the power button for 5 seconds, then plug back in and attempt to turn on.
EC	Refrigerant Leak Detected	Switch off and call customer service.

TECHNICAL SPECIFICATION

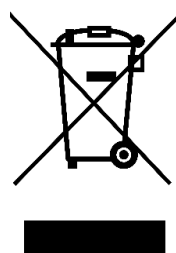
Model	ADH1601 / ADH1601B
Voltage	AC220-240V 50Hz
Wattage	430W
Moisture Removal	16L per day (DB = 30°C RH = 80%)
Refrigerant	R290/70g
Dimensions	H51.0 x W35.0 x D24.5cm
Operating Temperature	5°C – 32°C
Weight	14.3kg

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Made by Product Care Trading Limited.

Product Care Trading Ltd, Unit 1, Green Bank Business Park,
Swan Lane, Hindley Green, Wigan, WN2 4AY, United Kingdom/
Product Care (Ireland) Ltd, Unit 3D North Point House, North
Point Business Park, New Mallow Road, Cork, T23 AT2P, Ireland

Customer Services: call **0345 209 7461** or visit
www.thisabode.co.uk



The 'wheellie bin' symbol is known as the 'Crossed-out wheellie bin Symbol'. When this symbol is marked on a product/batteries, it means that the product/batteries should not be disposed of with your general household waste. Only discard electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment. For your nearest disposal facility, visit www.recycle-more.co.uk or ask in store for details.

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We reserve the right, due to possible changes to design, to alter the instruction manual without prior notice.