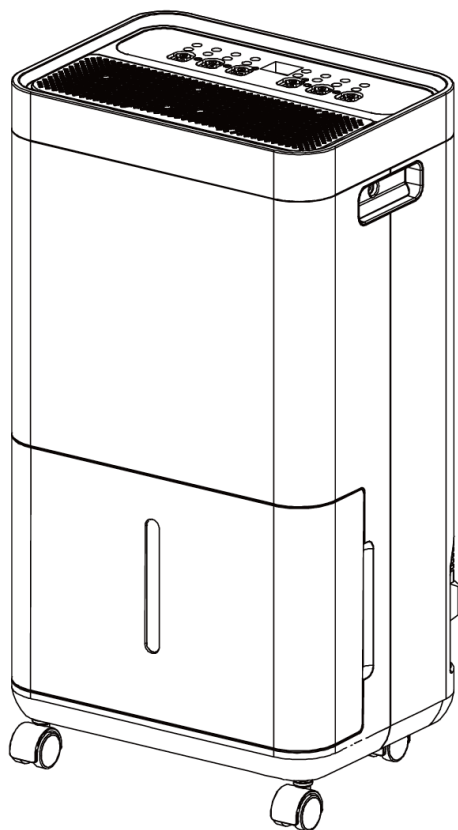


BUSH

Instruction manual

10,12,16L Dehumidifier
Model number D017H-10L
D017H-12L
D017H-16L



Please read these instructions carefully before first use



Safety Information

Important – please read the instructions fully before operating

This dehumidifier must not be stored or used in rooms under the following conditions:



- Rooms containing flames, sparks or explosive atmospheres.
- In dusty, dirty, poorly ventilated, or confined spaces.

Use indoors only under normal household conditions.

Read through all the instructions carefully before starting to use the appliance. Keep this manual in a safe place for future reference.

- This appliance must be used for its intended purpose only and operated as instructed in this user manual.
- **This appliance can be used by children aged 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 shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.**
- **Children should be supervised to ensure they do not play with the appliance.**
- To protect against electrical shock do not immerse cord, plugs, or the main body in water or other liquids.
- Check the appliance before each use for signs of wear or damage. If damaged, discontinue from use immediately and do not use until the appliance has been inspected and approved for use by a qualified service person.
- The product is not to be used if it has been dropped or there are visible signs of damage.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified persons in order to avoid hazard.
- Never attempt repairs yourself. Repairs to electrical appliances should only be performed by a qualified electrician. Improper repairs may place the user at serious risk and will invalidate the guarantee, take the appliance to a qualified repair agent.

- This appliance is designed for indoor; household use only.
- Unplug the appliance when not in use, when moving the appliance and before cleaning.
- Do not place the appliance on an unsteady surface.
- Do not cover the appliance as this can block the air flow and cause overheating.
- Do not use the appliance in an area likely to be splashed for instance near a bath, shower or swimming pool.
- Do not use the dehumidifier where water can drip on to the appliance. Dry your bathroom by placing the dehumidifier outside of the room with the bathroom door open. Do not use the dehumidifier inside the bathroom.
- Care must be taken if using an extension cord. Extension cords must be grounded and able to deliver the appropriate voltages to the appliance.
- Never insert your fingers or rods into the air outlet. Take special care to warn children of these dangers.



This Bush dehumidifier uses R290 refrigerant gas that complies with the European Environmental Directives.



When using the 10, 12 or 16L Bush dehumidifier you must remember the following:

- This dehumidifier uses between 28 - 41 grams of R290 refrigerant depending on the model, which is flammable. Therefore, it is part of a sealed system and must only be serviced by an engineer. Refer to the products rating plate for more information.
- Do not use or store this dehumidifier in a room smaller than 4 m² to prevent a fire or explosion hazard if there is a leak of refrigerant and the gas comes into contact with an ignition source.
- R290 refrigerant gas is odourless.
- Do not use in a room with any continuous sources of ignition, for example open flames, gas fires or hobs, electric heaters, cigarettes or any other sources of ignition.

- If the dehumidifier is installed, operated or stored in a non-ventilated area, then the room must be designed to prevent the accumulation of refrigerant leaks resulting in a risk of fire or explosion due to ignition of the refrigerant caused by electric heaters, cookers, or other sources of ignition.
- Do not puncture either during the dehumidifiers working life or after.
- If there are any signs of damage to the unit do not use and contact the careline for further support.
- Always keep your dehumidifier upright and leave the dehumidifier standing upright for at least 3-4hours before using it upon receipt.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.



Failure to comply with these instructions could result in fire, damage to property, serious injury, or potential death.

Individuals who operate or work on the refrigerant circuit must have the appropriate certification issued by a national accredited organization that ensures competence in handling flammable refrigerants according to a specific evaluation recognised by national associations in the industry and compliant with the latest R290 guidance.



Servicing and maintenance repairs must only be carried out by approved engineers specified in the use of flammable refrigerants.

Before first use

Before using the dehumidifier make sure you have read the instruction manual fully and understand the safety warnings,

On receiving the appliance, check the dehumidifier for any transport damage. In case of damage, do not use and notify the retailer.

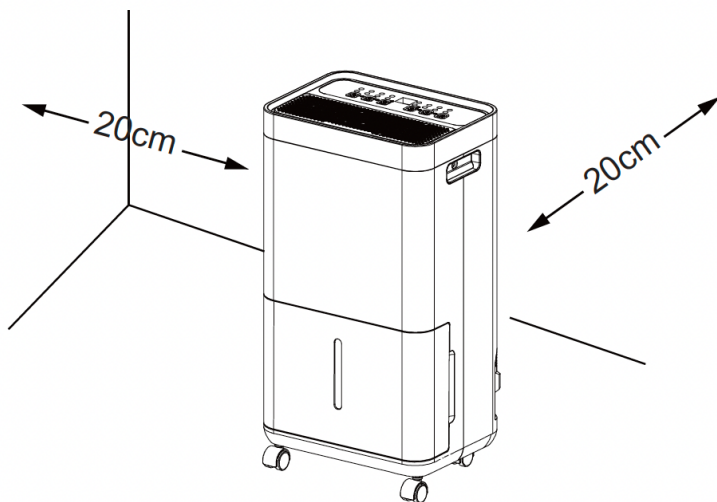
Allow the dehumidifier to stand upright on a steady, even surface for 24 hours prior to use to allow the condenser to settle and prevent damage.

Installation Instructions

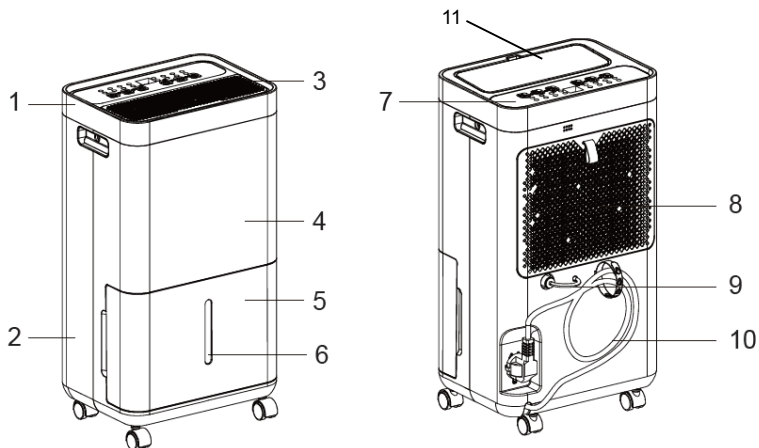
Placement

Maintain the minimum clearance (20cm) around the dehumidifier when the unit is operating as shown in the diagram to ensure sufficient air flow around the unit.

The air inlet and the air outlet must not be covered whilst the dehumidifier is in operation.



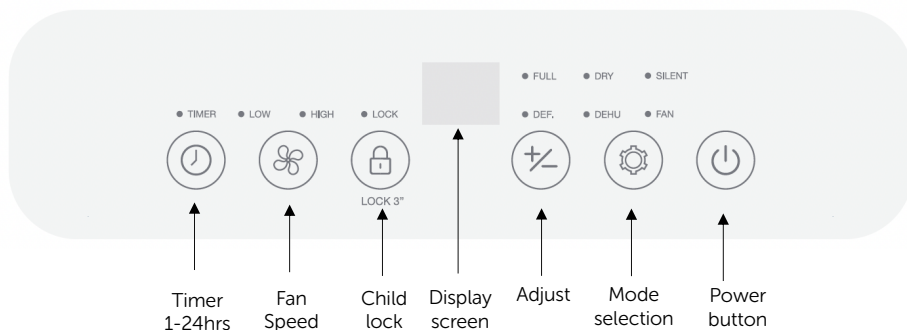
Getting to know your dehumidifier



- 1. Back
- 2. Outer Cover
- 3. Air outlet
- 4. Front
- 5. Water tank

- 6. Water indicator
- 7. Control panel
- 8. Filter screen
- 9. Water plug / drain outlet
- 10. Power cable
- 11. Air outlet cover / Louvre

Control Panel





Power Button

Press once to turn the dehumidifier on and once to turn off.

- 10 & 12L&16L models – manually raise the air outlet cover

After startup, the current humidity level will be displayed & the dehumidifier will begin. The settings with default to "Co" (continuous) dehumidification mode.



Fan speed

Press to control the fan speed between 'HIGH' & 'LOW' The fan speed indicator light illuminates under different fan settings.



Mode Selection

Press the mode button to select your desired mode, fan, dehumidify, dry & silent mode.

Fan mode:

Runs the fan without removing moisture from the air. It circulates air around the room, which can help with ventilation and maintain airflow, but it does not reduce humidity levels.

Dehumidification mode:

Continuous mode (Co): The unit runs constantly, regardless of the room's humidity level.

When the humidity level is set:

- When the room is above your set humidity, the dehumidifier turns on and removes moisture.
- Once the humidity drops slightly below your set level, the compressor stops (with a short protection delay), and the fan switches off shortly after.
- If humidity rises again, the unit will restart and continue removing moisture.

This cycle repeats automatically to help keep the room close to your chosen humidity level.

Dry mode:

This setting helps dry clothes faster indoors. The dehumidifier runs continuously to pull moisture from the air, helping laundry dry more quickly while reducing damp and condensation in the room. The wind speed remains locked to high, and the humidity setting button is not adjustable.

Silent Mode:

When this setting is selected, the wind speed will lock to 'low' the dehumidifier will continue to work in the same way as explained in dehumidification mode.



Adjust button

Use the adjust button to choose your desired humidity level from "Co" (continuous) or between 30% and 90%. The dehumidifier will automatically run until the room reaches this level, then switch on and off as needed to maintain it.

The ideal indoor humidity level is typically **40%–60%**.

- **40–50%:** Best for comfort and reducing condensation/mould risk.
- **50–60%:** Still comfortable but slightly more humid.

Tip: For most homes, setting your dehumidifier to 50% is a good balanced target.



Timer button

Timer ON: (Auto Start)

Set a time for your dehumidifier to turn on.

When the unit is in standby, press the timer button and choose a delay from **1–24 hours**. The timer light will turn on and the selected time will show on the display.

Timer OFF: (Auto Stop)

Set a time for your dehumidifier to turn off.

While the unit is running, press the timer button and select **0–24 hours**. The timer light will turn on, and the unit will automatically switch off once the set time has passed.

The timer button indicator light will remain on once the timer has been set. After 5 seconds with no further operation, the display screen will turn back to showing the current humidity level.



Child Lock

Press and hold the **lock button for 3 seconds** to turn the lock on. This stops other buttons from being used (only the power button, or holding the swing button again, will work).

Press and hold the **swing button for 3 seconds again** to turn the lock off and return to normal use.

Operating alerts

Water tank full:

This dehumidifier will automatically stop when the water tank is full. The "FULL" indicator light will turn on, and a buzzer will beep 15 times.

Press any button to stop the buzzer. All functions will not work until the water tank has been emptied and replaced.

Defrosting Function:

In colder conditions, the unit may automatically enter defrost mode to prevent ice build-up. During this time, the **compressor stops**, the **fan runs at high speed**, and the **defrost light turns on**.

After a short defrost cycle, the unit will return to normal operation. This helps keep the dehumidifier working efficiently in low room temperatures.

Cleaning and Maintenance

Before performing any cleaning or maintenance, make sure the dehumidifier is switched off and unplugged from the mains power supply.

Note: When the unit is shut off, please wait at least 3 minutes before restarting the unit to prevent the compressor from being damaged.

How to empty and install the water tank

1. With the appliance turned off, pull out the water tank from the clasps on both sides, using both hands. *(Figure 1)*
2. Empty the water from the tank. *(figure 2)*
3. Do not remove the float from the water tank. The water full sensor will no longer be able to detect the water level correctly without the float and water may overflow and leak from the tank. *(Figure 3)*

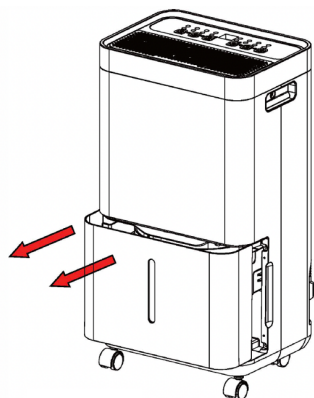
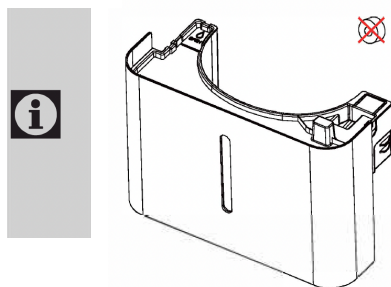


Figure 1



Cleaning the appliance

Clean the exterior with a soft dry cloth. If the appliance is extremely dirty, use a mild cleaning agent. Wipe the dehumidifier with a slightly damp cloth, then dry with a soft dry cloth. Never spray the appliance with water.

Do not use acidic or alkaline solvents to wipe the appliance as they may cause discolouration or damage.

Cleaning the water tank

The water tank should be cleaned out at least once a week, using just cold water.

Always empty the water tank, clean, and dry the tank when not in use to prevent mould. Discard the water down a sink or drain.

Never leave water in the water tank when the unit is not in use.

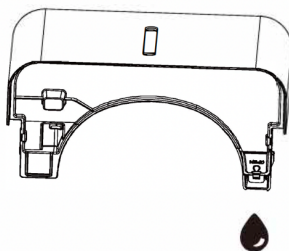


Figure 2

The water collected is not clean and cannot be use for drinking. Discard the water down a sink or drain.

Figure 3

Removal of floater can cause the water level sensor to not operate normally. Risking water tank overflow.

Continuous drainage

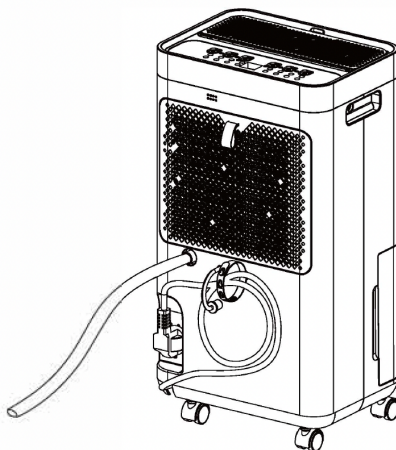
When the dehumidifier is operated at very high humidity levels the water tank will require more frequent drainage. In this situation, it may be more convenient to set up the unit for continuous drainage.

You can connect a hose (15 mm diameter) to the drainage outlet to remove water continuously.

Make sure the water tank is correctly fitted and the hose is straight. Water will then flow out through the hose, so you don't need to empty the tank manually.

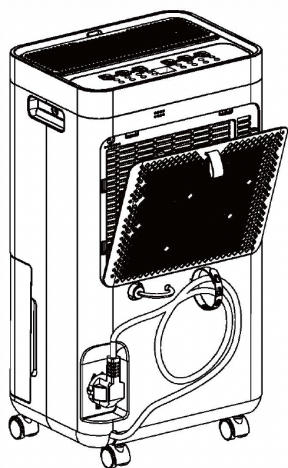
Note: the water tank will need to be replaced once the hose has been fitted in order for the dehumidifier to operate.

When the continuous drainage function is not being used make sure the water plug is placed into the drain outlet.



Cleaning the filter

The dust filter is located at the back of the unit and helps to remove dust particles from the air. A dirty filter can reduce the efficiency of the dehumidifier. For optimum dehumidification, it is recommended to clean the dust filter every 2 weeks.



- Open the inlet grill first and carefully remove the reusable filter.
- Rinse the dust filter under running water or vacuum away the dust with a vacuum cleaner.
- After cleaning the dust filter, dry in a cool, shaded place then carefully reinstall.

WARNING: Never operate the dehumidifier without the filters in place.

Storing

- When not in use, empty the water tank, clean, and dry the dehumidifier completely.
- Store the appliance in an upright position, in a safe, clean, and dry place, away from direct sunlight and out of reach of children.
- Do not wrap the power cord and plug around the appliance as this may cause the insulation to weaken or split.

Troubleshooting

Problem	Potential causes	Solution
The machine doesn't work.	Has the power cord been disconnected?	Connect the plug and socket well.
	Is the full water indicator light on? (water tank full or not put in place)	Empty the water in the drainage tank and then reposition the tank.
	Is the room temperature above 35 degrees or below 5 degrees?	The protection device is activated and the unit cannot be started.
Dehumidification function does not start.	Is the filter blocked?	Clean the filter screen according to the cleaning instructions of dehumidifier.
	Is the air inlet or outlet blocked?	Remove the obstruction from the air inlet or outlet.
There is no air movement	Is the filter blocked?	Clean the filter screen according to the cleaning instructions of dehumidifier.
Operation is noisy	Is the unit tilted or unsteady?	Move the machine to a flat, stable surface.
	Is the filter blocked?	Clean the filter screen according to the cleaning instructions of dehumidifier.
E1 Code	Coil sensor short circuit or open circuit	Coil sensor error. Unplug the unit and then restart the unit. If code is still displayed contact the helpline 0345 604 0105

IMPORTANT: Service, Maintenance, and repair of this unit must be performed by a certified technician.

Technical Specifications.

Model No.	Bush 10L Dehumidifier D017H-10L	Bush 12L Dehumidifier D017H-12L	Bush 16L Dehumidifier D017H-16L
Rated Voltage	220-240V~	220-240V~	220-240V~
Rated frequency	50Hz	50Hz	50Hz
Rated input	280W	280W	450W
Rated current	1.6A	1.6A	2.5A
Water Tank Capacity	2L	2L	2L
Rated dehumidifying capacity	10L/ day (30°C/ RH80%)	12L/ day (30°C/ RH80%)	16L/ day (30°C/ RH80%)
Room size	Up to 20m ²	Up to 24 m ²	Up to 32 m ²
Applicable temperature	5°C - 35°C	5°C - 35°C	5°C - 35°C
Refrigerant/ weight (g)	R290 / 28g	R290 / 37g	R290 / 41g
Permissible excessive operating pressure	Discharge 2.6MPa Suction 1.0MPa	Discharge 2.6MPa Suction 1.0MPa	Discharge 2.6MPa Suction 1.0MPa
Max allowable pressure	Discharge 3.2MPa	Discharge 3.2MPa	Discharge 3.2MPa
	Suction 1.2MPa	Suction 1.2MPa	Suction 1.2MPa
Dimensions (mm)	W260 x D190 x H490	W260 x D190x H490	W260 x D190x H490
Net Weight	9.7kg	10.1kg	11kg



Recycling electrical products

You should now recycle your waste electrical goods and in doing so help the environment. This symbol means an electrical product should not be disposed of with normal household waste. Please ensure it is taken to a suitable facility for disposal. Visit www.recycle-more.co.uk, click on "bank locator" and enter your postcode to find your nearest recycling site.



Help and assistance

If you require any technical guidance or find that your dehumidifier is not operating as intended, a simple solution can be found at www.bush-support.com

If you still require further assistance, call one of our experts on 0345 604 0105*. To help give us give you a fast and efficient service please have the following information ready:

Model Ref.		You can find these on the rating plate - a small information panel (usually a sticker or metal plate) on the rear of your product.
Serial number	N/A	
Date of purchase		
		This will be shown on your receipt

Local call rates apply*

Lines open 8am-7pm Monday to Saturday and 10am-4pm Sunday.

*Calls to Bush enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see www.bt.com/pricing for details.

For security and training purposes, telephone calls to and from customer service centers may be recorded and monitored. Calls from Republic of Ireland will attract international call charges.

Product support

Help is always at hand



Call us now and register your 12 month guarantee

Thank you for choosing Bush. Your new product is guaranteed against faults and breakdowns for 12 months. Don't forget to register it with us today so we can provide you with our best possible after-sales service and useful updates.

www.bushregistration.co.uk

FREEPHONE*

0800 597 8548

Lines are open 8am - 8pm, 365 days a year. *Calls may be recorded and monitored.

Your Bush Guarantee

This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will be repaired free of charge (or if applicable the product will be replaced or the purchase price refunded) where possible during this period by the dealer from who you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in the manual.
- It must be used solely for domestic purposes. The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- Bush disclaim any liability for loss or damage arising from the breakdown of the product.
- This guarantee is in addition to and does not diminish your statutory or legal rights

Important Data Protection Information

To find out how we and Domestic & General Insurance Plc use your data please refer to the guarantee registration material or visit www.bushregistrations.co.uk.

Guarantor: Argos Limited, London, EC1M 6HA, UK. [Argos \(N.I.\) Ltd](http://www.argos.co.uk), Forestside Shopping Centre, Upper Galwally, Belfast, BT8 6FX, UK.