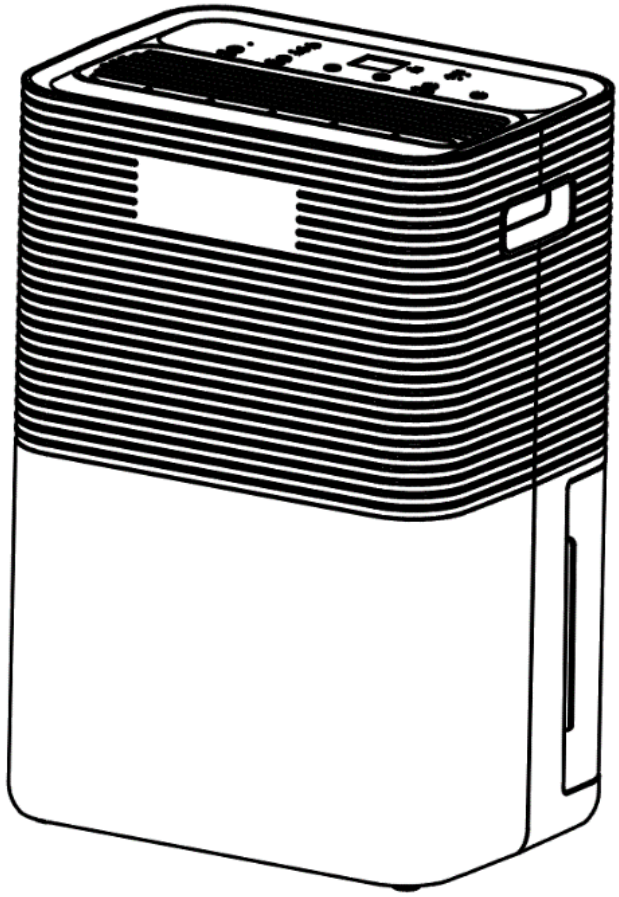
challenge®

Model No.
D015B-10L, D015B-12L, D015B-16L

10,12,16L DEHUMIDIFIER INSTRUCTION MANUAL



Important: Please read these instructions carefully before first using this product and retain for future

IMPORTANT SAFETY INSTRUCTIONS.

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

- Potentially explosive atmosphere
- Aggressive atmospheres
- Featuring a high concentration of solvents.
- An extremely high ration of dust.



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.
- It 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 Challenge Dehumidifier uses the new R290 refrigerant gas to comply with the European Environmental Directives.

When using the 10, 12 or 16L Challenge dehumidifier you must take into account the following:

- This dehumidifier uses between 30 - 46 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 rating plate for more information.

- Do not use or store this dehumidifier in a room smaller than 4 m^2 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.

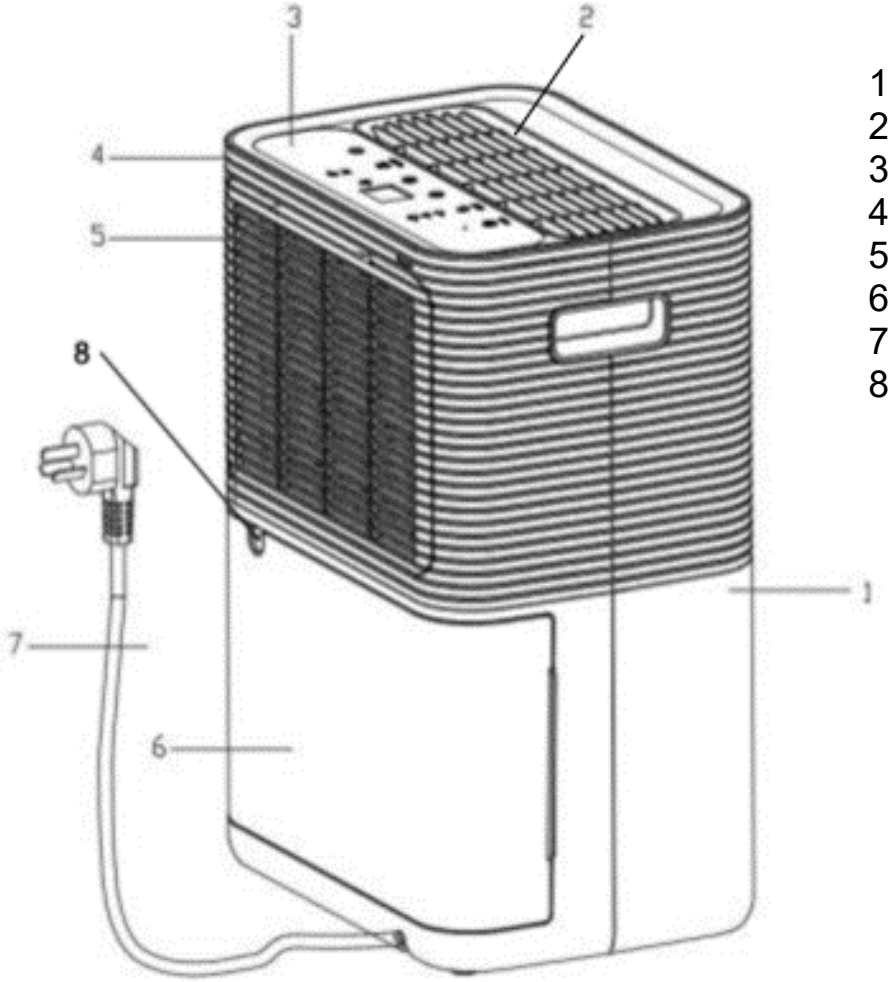
BEFORE FIRST USE.

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.

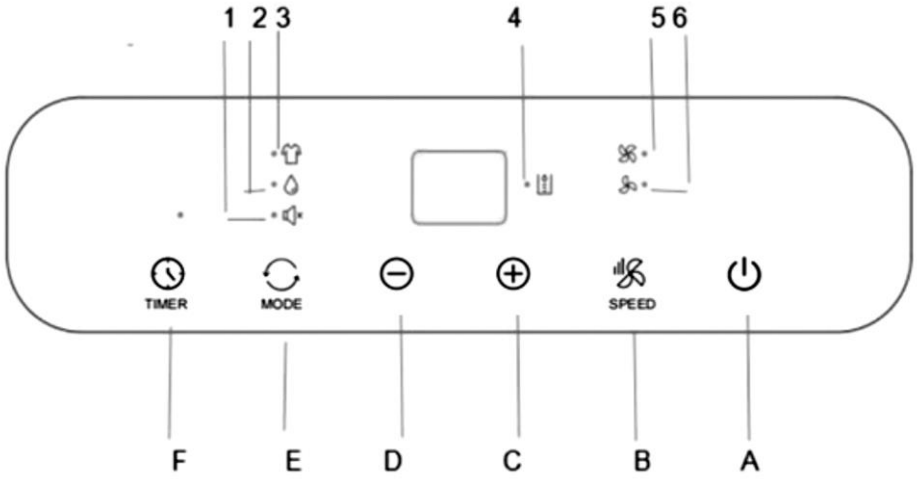
Allow the dehumidifier to stand upright on a steady, even surface for 24 hours prior to use to allow the condenser to settle and prevent damage.

PARTS AND CONTROLS.



1. Front
2. Air Outlet
3. Control Panel.
4. Back
5. Filter.
6. Water tank.
7. Power Cord.
8. Continuous Drainage.

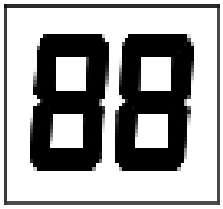
CONTROL PANEL



1. Silent Mode
2. Dehumidifying.
3. Laundry.
4. Water Full.
5. High Fan Speed.
6. Low Fan Speed.

A. Power ON/OFF
B. Fan Speed
C. Up
D. Down
E. Operation Mode.
F. Timer ON/OFF

HUMIDITY LEVEL & TIMER 2 DIGIT DISPLAY.



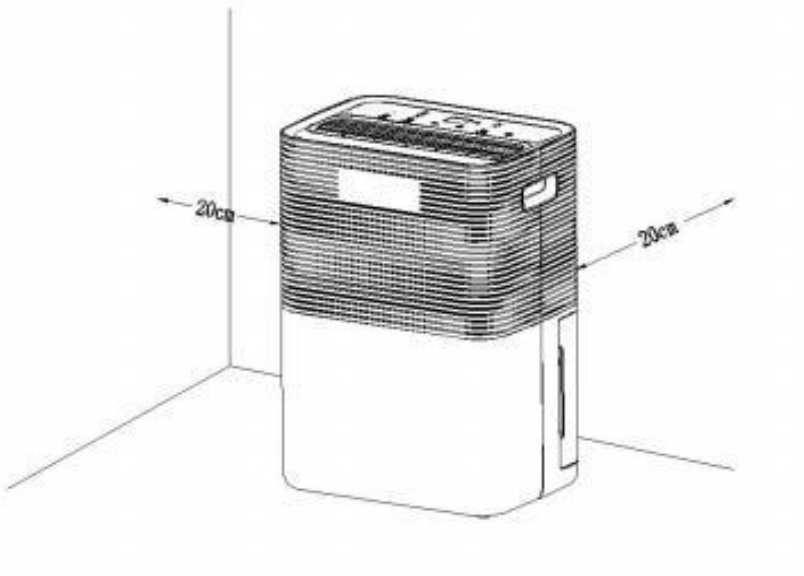
The LED indicators perform the following functions:

1. When the unit is switched on, it will display the current humidity.
2. When you set the humidity level, it will indicate the humidity you have selected.
3. When you program the timer for the unit to turn on and off, it will show the hours.
4. When the environment humidity is lower than 35%, it will show ‘LO’.
5. When the environment humidity is higher than 95%, it will show ‘HI’.

POSITIONING.

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.



USING YOUR DEHUMIDIFIER

- The dehumidifier must be always kept upright, including when repositioning around the home. If the appliance has been horizontal for more than a few minutes you must let it stand for at least 30 minutes to allow the oil back into the compressor before operating.
- Position the dehumidifier on a steady surface making sure the inlet and outlet grilles are free from obstruction.
- Make sure the water tank is correctly in place. The appliance will not switch on unless the water tank is secure.
- Plug the power cable into the mains power supply.
- Switch on your dehumidifier by pressing the ON/OFF button. ⏻

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

Power control button. Press to switch the dehumidifier ON or OFF.



Fan Speed button. Press to select the wind speed. High or Low.



Plus, and minus buttons. Use these buttons to select the desired humidity level in the room, which can be set from 30% to 90% at 5% increments or to select 'CO' for continuous use.



Once the humidity level has been selected, the dehumidifier will work until the environment humidity is lower than the selected humidity by 2%, then the compressor will stop; when the environment humidity is equal to or higher than the selected humidity by 3% the compressor will start again.

If you choose **CO** mode, the dehumidifier will run continuously and never stop.



Operation Mode. Press to change the mode between Silent Mode, Dehumidifying mode and Laundry mode.

- **Silent Mode.** Runs at a low wind speed. The wind speed cannot be changed.
- **Dehumidifying.** If the environment humidity is higher than or equal to 3% or more of the set humidity the compressor and fan will run.

  After the humidity in the room has reached 2% below the select level. The compressor will turn off, the fan will continue to run for 3 minutes before also turning off.

  After 30 minutes the sensors will test the environment humidity if the humidity value has risen above the selected value both the compressor and fan will restart. If there has been no change to the humidity level or it is lower than the selected value, the dehumidifier will stay off for another 30 minutes before testing again.

  60% humidity or above Is optimal for opening. The recommended humidity target level in a home environment is between 50-55%.

- **Laundry.** Runs at high wind speed. The wind speed cannot be changed. The humidity is set to **CO** for optimum dehumidifying.

Timer. Press this button to activate the timer function. Once activated the display board will show 00 and the timer icon will light up. Use the Plus and minus buttons to select the length of time. The timer intervals are1 hourly between 01h-24h



To cancel the timer, press the timer button twice. The timer icon light will turn off.

- **Auto defrost.** This unit is fitted with an auto defrosting function. When frost builds up on the evaporator coils, the compressor will cycle off for around 10 mins and the fan will continue to run until the frost disappears. Once defrost has completed the dehumidifier will resume function.

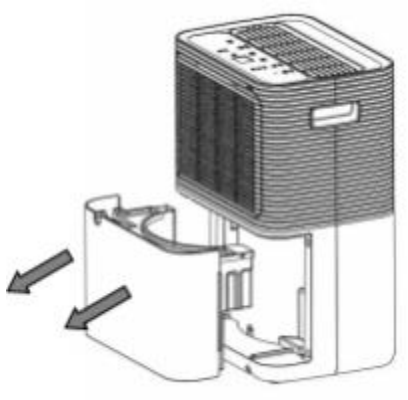
CLEANING AND MAINTENANCE.

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

- Clean the exterior surface of the appliance with a soft, lightly damp cloth, then dry the appliance with a soft, clean cloth.
- Always empty the water tank, clean, and dry the tank when not in use to prevent mould.

Emptying the water tank.

- When the water tank is full the tank full indicator light will turn on, operation will stop and the dehumidifier will beep 15 times to alert the user that the tank needs to be emptied. The dehumidifier will not restart until the tank has been emptied.



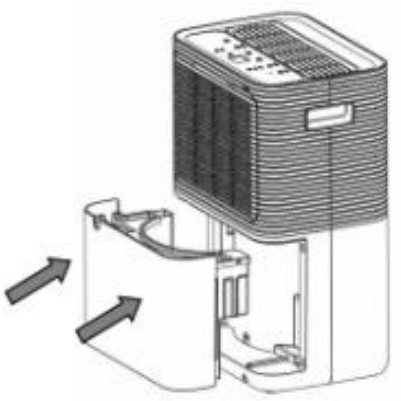
- Locate the water tank at the rear of the dehumidifier. Gently pull the tank out.

- Discard the water down a sink or drain.

Note: The water collected is not clean and cannot be used for drinking.



IMPORTANT: Do not remove the float form the water tank. The water full sensor will no longer be able to detect the water level correctly without the float and water may leak from the tank.



- When replacing the water tank, press the tank firmly into place with both hands. If the tank is not positioned properly, the 'TANK FULL' sensor will be activated, and the dehumidifier will not operate.

CONTINUOUS WATER 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.

To set up continuous water drainage, you will need a hose with an inner diameter of 10mm and a sink or drainage hole at floor height.

Attach the hose to the drainage hole outlet, situated behind the water tank, then replace the water tank fully. Note: the water tank will need to be replaced once the hose has been fitted in order for the dehumidifier to operate.

Position the other end of the continuous water drainage hose in a sink or drain, ensuring this is lower than the drainage outlet and making sure the hose is not bent or kinked which could stop the water flow.

IMPORTANT: Make sure water can flow down the continuous water drainage hose by keeping the hose angled down and free of bends or kinks.

CLEANING.

Switch the dehumidifier off and remove the plug from the socket before cleaning.

The exterior

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.

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 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.

STORAGE.

- When not in use, empty the water tank, clean, and dry the dehumidifier completely. Cover the appliance with a dust sheet to keep it free from collecting dust.
- Store the appliance in a safe, clean, and dry place, away from direct sunlight and out of reach of children.

TROUBLE SHOOTING.

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.	**D015B-10L**	**D015B-12L**	**D015B-16L**
Rated Voltage	220-240V	220-240V	220-240V
Rated frequency	50Hz	50Hz	50Hz
Rated input	250W	280W	380W
Rated current	1.4A	1.6A	2.0A
Rated Fuse	7A	7A	7A
Rated dehumidifying capacity	10L/ day (30ºC/ RH80%)	12L/ day (30ºC/ RH80%)	16L/ day (30ºC/ RH80%)
Room size	10-20m^2	16-24 m^2	20-30 m^2
Applicable temperature	5ºC - 35ºC	5ºC - 35ºC	5ºC - 35ºC
Refrigerant/ weight	R290 / 30g	R290 / 46g	R290 / 45g
Permissible excessive operating pressure	Discharge 2.0MPa	Discharge 2.0MPa	Discharge 2.0MPa
	Suction 0.9MPa	Suction 0.9MPa	Suction 0.9MPa
Max allowable pressure	Discharge 2.6MPa	Discharge 2.6MPa	Discharge 2.6MPa
	Suction 1.0MPa	Suction 1.0MPa	Suction 1.0MPa
Dimensions (mm)	282 x 204 x 402 mm	282 x 204 x 402 mm	282 x 204 x 402 mm
Weight	10kg	10.5kg	11kg

Produced in China for Argos Limited, London, EC1N 2HT, UK. Argos (N.I.) Ltd, Forestside Shopping Centre, Upper Galwally, Belfast, BT8 6FX, UK.
If you counter any problems with this product, please call the customer care team on 0345 640 30 30

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.

PLUG/ WIRING ADVICE

The wires in this mains lead are coloured in accordance with the following UK electrical code:

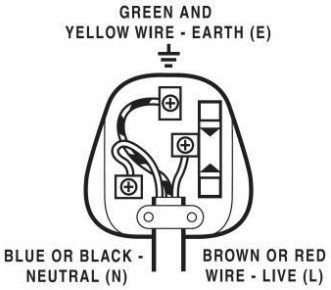
BLUE = NEUTRAL
BROWN = LIVE
GREEN + YELLOW = EARTH

Non-rewireable plug

This appliance may be fitted with a “non-rewireable” plug. If you need to change the fuse in a “non-rewireable” plug, the fuse cover must be refitted. If the fuse cover is lost or damaged, the appliance must not be used.

Rewireable plug

The colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in a rewireable plug. **Rewireable plugs should only be replaced by a suitably competent person. If in doubt, consult a qualified electrician.**



The BLUE wire must be connected to the terminal marked with the letter N

The BROWN wire must be connected to the terminal marked with the letter L

The GREEN & YELLOW wire must be connecting to the terminal marked with the letter E or ⏚ the earth symbol.

PRODUCT GUARANTEE

This product is guaranteed against manufacturing defects for a period of



Year

This product is guaranteed for twelve months from the date of original purchase.

Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom 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 this manual. A replacement copy of this manual can be obtained from www.argos-support.co.uk
- It must be used solely for domestic purpose.
- 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.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to and does not diminish your statutory or legal rights.

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