BRIDGE PRO

4L Tank

25L/DAY DIGITAL DEHUMIDIFIER SMART, WIFI

High-Capacity Dehumidifier Design for Large Spaces



543326

When using electric appliances basic safety precaution should always be followed. Do not use BridgePro Dehumidifier until you have read this manual thoroughly. Please keep this instruction manual in a safe place.

Visit BridgePro Online Store **www.bgepro.com/shop/**

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IMPORTANT SAFEGUARDS

Please read these instructions carefully before use!

This product is intended for use at home or in similar locations only.

READ ALL INSTRUCTIONS BEFORE USE: SAFETY INSTRUCTIONS

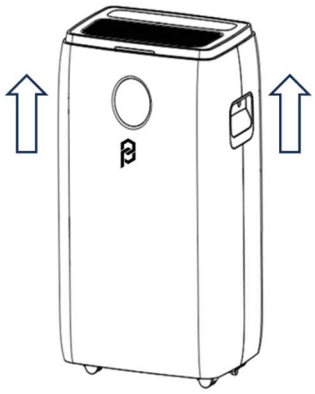
Warning: Please be alert to the risk of personal danger, injury, and property damage.

Thank you for purchasing this dehumidifier. To avoid potential harm or property damage, please pay attention to the following safety precautions. Please read this manual carefully before use and keep it for future reference.

- Read all instructions thoroughly.
- Check all parts and accessories before use.
- Assemble and position the unit close to where it will be used to avoid unnecessary lifting.
- Always place the dehumidifier on a flat, stable surface.
- Keep packaging materials and small parts away from children.

1. Important Notice – Before First Use

The dehumidifier may have been tilted during transport. Leave the unit upright for 24 hours before plugging it in. This allows the compressor oil to settle and prevents performance issues.



2. Safety Information

Please follow these safety precautions to avoid injury, electric shock, or damage:

General Safety

- Children must not play with the appliance.

- Install the appliance in accordance with national wiring regulations.
- If the power cord is damaged, it must be repaired by a qualified technician.

Electrical Safety

- Do not touch the plug with wet hands.
- Always unplug the unit before cleaning, maintenance, or moving it.
- Do not use the appliance if the plug, cord, or housing is damaged.
- Do not modify, twist, or place heavy objects on the power cord.
- Always unplug by holding the plug, not the cable.
- Verify that the voltage marked on the product matches the local voltage before connecting the product to the power supply.
- If the power cord or plug becomes unusually hot, immediately turn off the machine and consult a qualified technician to prevent danger.

Operating Safety

- Keep ventilation openings clear and unobstructed.
- Do not place objects on top of the appliance.
- Maintain at least 10 cm clearance on all sides and 30 cm above the unit.
- Do not use the appliance outdoors or in areas exposed to rain.
- Do not use near open flames or ignition sources.
- Do not insert fingers or objects into the air inlet or outlet.
- Do not allow water or flammable substances to enter the appliance.
- Operating temperature range: 5°C – 35°C.

3. Keep all small parts and packaging materials for this product away from babies and children as they potentially pose a serious choking hazard.

4. This appliance shall not be used by children. Keep the appliance and its accessories out of reach of children.

5. This machine should not be used by individuals with physical, sensory, or mental disabilities, or by those lacking relevant experience and skills (including children), unless they receive guidance or instructions on the product's use from a responsible person ensuring safety.

6. Children shall not play with the appliance.

7. Do not disassemble or modify the machine without authorization, as this may result in electric shock, malfunction, or fire hazards.

8. Do not use solvents such as benzene or thinners, or any acidic substances whatsoever to clean this machine, and avoid contact with insecticide sprays. Otherwise, the machine may crack, resulting in damage, or even cause a short circuit, leading to electric shock or fire accidents.

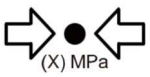
9. Do not place or insert fingers or foreign objects into the air intake and outlet, as it may come into contact with internal components and cause electric shock or damage.

10. This machine cannot replace normal ventilation, daily vacuuming, or exhaust equipment.

11. Unplug the power when not in use for a long time to avoid insulation deterioration, fire, electric shock, or short circuits.

12. This appliance is intended for household use only; any other (industrial or commercial) use is not permitted.

For safe operation, assemble and use the appliance only according to the instructions in the manual.

	Warning, flammable materials
	Service indicator; read technical manual.
	Pressure
	Operator’s manual; operating instructions

Dehumidifier helps reduce humidity to comfortable levels in a short period of time.

This dehumidifier has a plastic housing to withstand harsh environments, which is safe and easy to use, guarantees long-term use and easy maintenance.

RETURN & DAMAGE CLAIM INSTRUCTIONS

To help us resolve any issues quickly, please follow these steps:

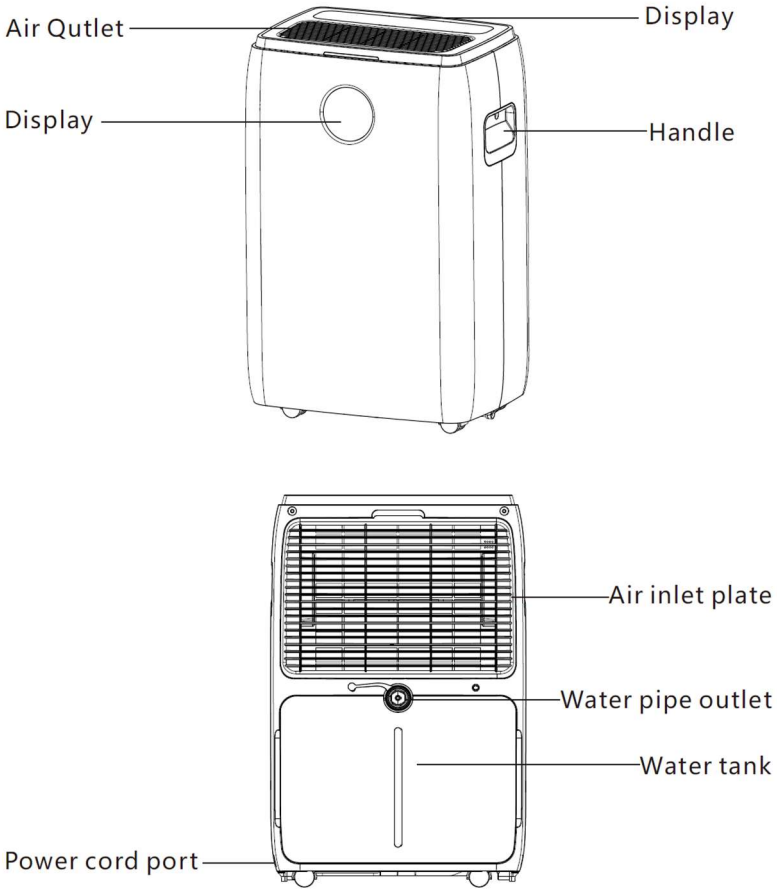
1. **Do not dispose of the original packaging.**
   Returns must be sent back in the original box.

2. **Photograph the box markings.**
   This helps us identify the exact model and supply the correct replacement parts.

3. **Photograph any damaged parts (if applicable).** Send us an email with the images requested – customerservice@bgepro.com

4. **Email customer support** via the marketplace where you purchased the item. Include the required images and a brief description of the issue.

PARTS IDENTIFICATION



Package Content

USING YOUR DEHUMIDIFIER

Instructions for using the dehumidifier.

REFRIGERANT SAFETY (R290)

This appliance uses R290, an environmentally friendly but flammable refrigerant.

- Do not pierce or burn the appliance.
- Store and operate the unit in a well-ventilated area.
- Keep away from open flames, sparks, or heat sources.
- If a refrigerant leak is suspected, ventilate the room immediately and contact a qualified technician.

PRODUCT OVERVIEW

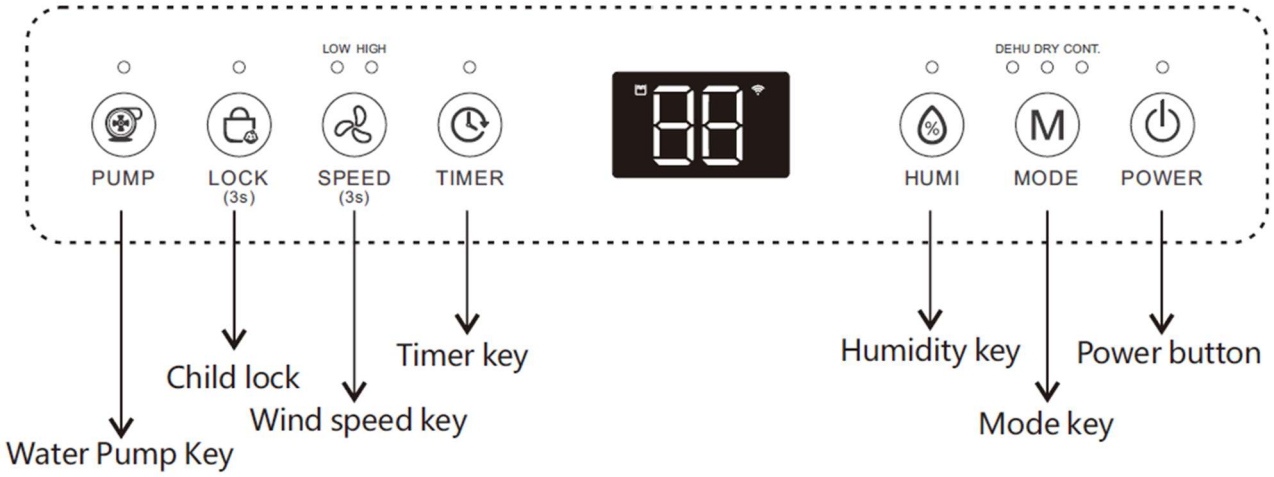
Main Components

- Air outlet
- LED display
- Control panel
- Handle
- Air inlet grille
- Water tank
- Water outlet (for continuous drainage)
- Power cord port

Note: Appearance may vary slightly depending on the model.

CONTROL PANEL GUIDE

This appliance features a clear LED display and six touch-control buttons.



Buttons & Functions

1. Power

- Press once to turn the unit on or off.
- After switching off, the fan will run for 30 seconds to protect the compressor.

2. Mode

Switch between:

- **Dehumidify Mode** (set humidity 30–80%)
- **Clothes Dry Mode** (high fan speed, continuous operation)
- **Continuous Mode** (runs non-stop)

3. Humidity

- Adjust target humidity (30–80%) in Dehumidify Mode.

4. Timer

- Set automatic start/stop (1–24 hours).

5. Fan Speed

- Choose **Low** or **High**.
- Clothes Dry Mode uses High speed automatically.

6. Pump (optional model feature)

- Press and hold for 3 seconds to activate or deactivate the built-in pump.
- The pump operates when the float reaches the trigger level.

Child Lock

- Press and hold **Timer/Fan Speed** for 3 seconds to lock/unlock the controls.

Water Tank Full Indicator

- Flashes when the tank is full.
- Empty the tank to resume operation.

WiFi Connection Guide

APP Connection
Turn on Bluetooth for quick connection during network setup.

Download Tuya App from the App Store or Google Play.

1.Download and install
the "Tuya" app on your phone.

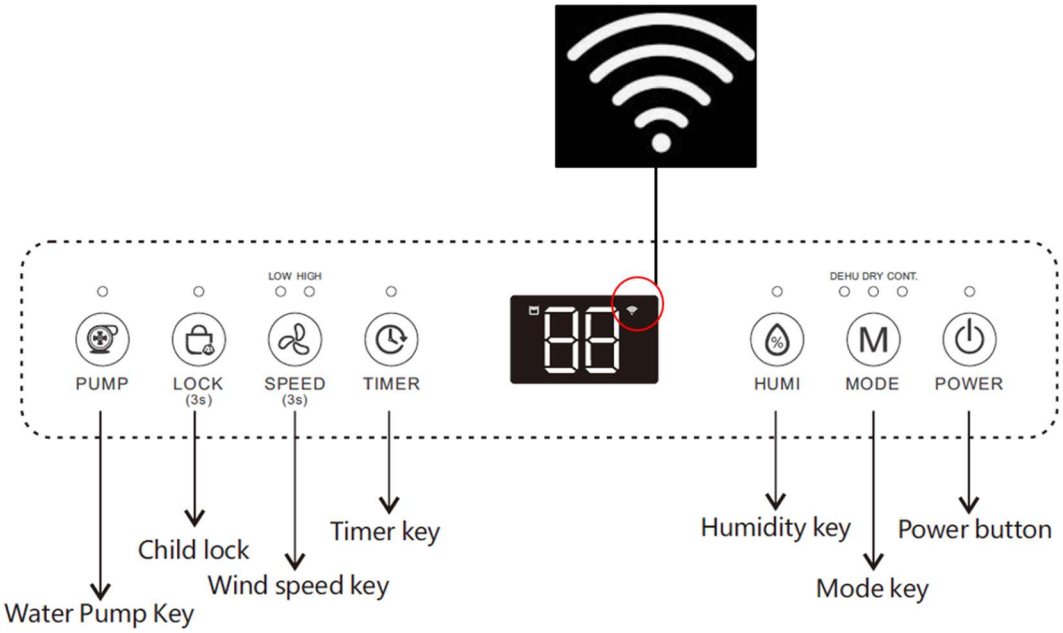
2.Open the "Tuya" app, register, and log in.





3. Add device
Press and hold the WiFi button on the dehumidifier for 3 seconds until the WiFi icon flashes.

In the app, tap
Add Device → Small Appliances → Dehumidifier (WiFi).



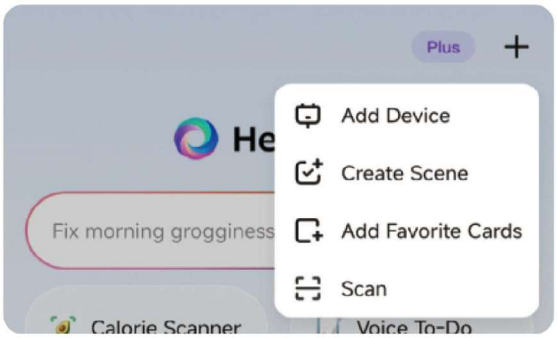
The WiFi indicator light will blink.

4. Enter your WiFi password and follow the on-screen instructions.

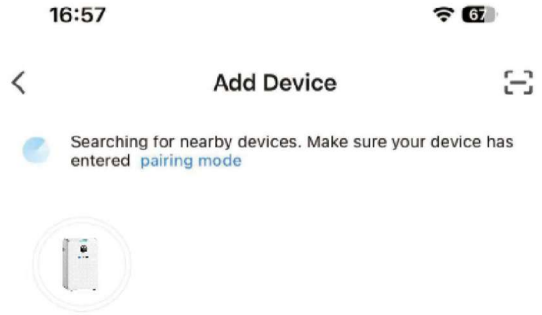
5. Once connected, the device will appear as Online.

6. Add Complete

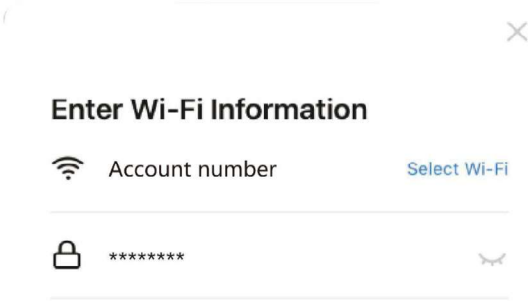
After successful network connection, the app will show that the device is added. Click the icon to enter the operation interface for app control.



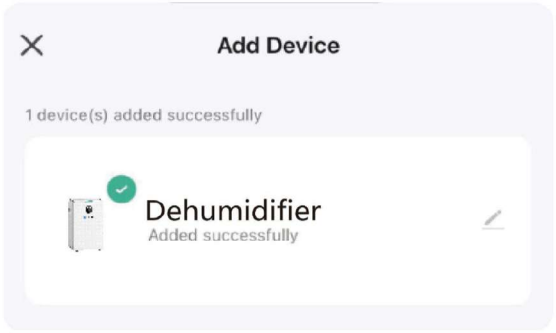
❶ Add Device



❷ Select Dehumidifier



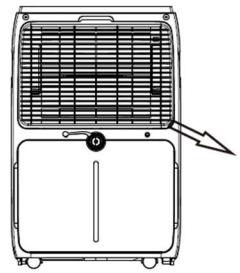
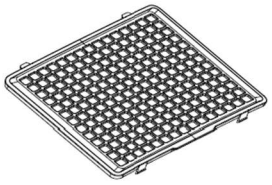
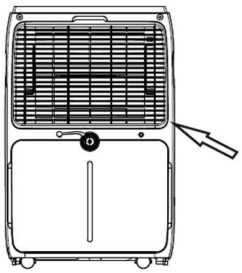
❸ Enter the 2.4G WiFi account and password



❹ Connection successful

CLEANING & MAINTENANCE

Always switch off and unplug the appliance before cleaning.

1	2	3
		
1. Remove the internal filter screen in the direction of the arrow as shown in the figure.	2. Clean the dust on the filter screen thoroughly.	3. Install the cleaned filter back into the machine body.

Cleaning the Exterior

- Wipe with a soft, damp cloth.
- Do not use solvents, alcohol, benzene, or abrasive cleaners.
- Do not allow water to enter the control panel or housing.

Cleaning the Filter

- Remove the filter from the air inlet.
- Vacuum or rinse with lukewarm water.
- Allow to dry completely before reinstalling.

Water Tank

- Empty regularly.
- Rinse with warm water and mild detergent.

STORAGE

- Clean the machine as described then let it dry thoroughly.
- We recommend storing the device in its original packaging!
- Store the appliance in a well-ventilated, dry place out of the reach of children.
- For long term storage, ensure the product is clean before storing away.
- Store in a dry and ventilated space to prevent moisture build up within the electrical components.

ENVIROMENTAL PROTECTION

Correct disposal of this product:

Your appliance has been designed to run for many years. However, when you decide to replace it, remember to think about how you can contribute to protecting the environment.



This marking indicates that your appliance should not be disposed of with other household wastes throughout the UK or the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle this appliance responsibly to promote the sustainable reuse of material resources. Your appliance contains valuable materials which can be recovered or recycled. Leave it at a local civic waste collection point.

TROUBLE SHOOTING

Issues	Possible Causes	Possible Solutions
Unit won't turn on	Not plugged in / damaged cord	Check connection; contact support if damaged
Fan not working	Uneven surface / filter packaging still on	Level the unit; remove filter packaging
Excessive noise	Uneven surface	Move to a flat, stable surface
Reduced airflow	Blocked outlet / old filter	Clear obstructions; replace filter
Water tank full	Tank full indicator flashing	Empty tank and restart
Dehumidifier does not operate	No power to dehumidifier	Plug it into a working outlet
	Not turned on	Turn the dehumidifier on
	Has not set it properly	Make sure the set humidity level is at 3% lower than the inlet humidity reading
Dehumidifier collects little water	Too low humidity level	Try again until the humidity level exceeds 40%
	Insufficient working time	Allow more working time
	Filter is blocked	Clean filter
	Air Inlet or Outlet is blocked	Clear the obstructions
	Low ambient temperature	Heat up the room
	Condensate hose is blocked	Check hose for restrictions
Dehumidifier operating, but room not dry	Doors and windows are open	Seal room from external areas
Abnormal Noise	The dehumidifier has not been placed properly	Place the dehumidifier in a horizontal position
	Filter is blocked	Clean filter
Humidity reading remains at 10RH%, (far from the actual room humidity)	Humidity sensor failure	Set the target humidity percentage value at 10RH%, the dehumidifier works normally, which means this failure does not affect the function of this dehumidifier.
		Repair and replace the humidity sensor.
Humidity	Water on the surface of the	Allow the dehumidifier work

reading remains at "99%RH" (far from the actual room humidity)	humidity sensor	for a period of time, the humidity reading will get normal after the water on the surface of the humidity sensor is evaporated.
	Humidity sensor failure	The dehumidifier works normally, which means this problem does not affect the function of this dehumidifier
		Repair and replace the humidity sensor.

TECHNICAL SPECIFICATION

PRODUCT SPECIFICATION	
Model	543326
Rated Voltage	220–240V~
Rated Power	467W
Refrigerant	R290
Operating Temperature	5–35°C
Noise Level	<66 dB(A)
Dimensions	Varies by model
Filter Type	Washable mesh filter
WiFi	Tuya
Timer	1–24 hours
Modes	Dehumidify, Clothes Dry, Continuous

TERMS & CONDITIONS

BridgePro Management Ltd ("BPM").

Limited Warranty: This product is guaranteed for 12 months from the date of original purchase. This guarantee is valid in the UK only.
If any defect arises due to faulty materials or workmanship, the faulty products 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 proof of purchase or a receipt.
- The product must be installed and used in accordance with the instructions contained in this instruction guide.
- It must be used only for domestic purposes.
- It does not cover wear and tear, damage, misuse, or consumable parts.
- The product has limited liability for incidental or consequential loss or damage.

To validate your warranty, please visit www.bgepro.com/support/warranty/ and register with us online. Warranty is only valid with proof of purchase or receipt.

This product warranty is available to consumers only.
You are a consumer if you purchased the product at retail for personal, family, or household use. Except as otherwise stated under applicable law, this warranty is not available to retailers or other commercial purchasers and owners.
This product warranty is void if the product is used for situations other than a single-family household use or subjected to any voltage and wave forms other than as specified in this instruction manual (e.g. 220V-50Hz).

Transportation charges: Transportation charges for products under this warranty, subject to repair or replacement, shall be borne by the purchaser.

Conditions: Service centers or retail stores do not have the right to alter, modify, or in any way change the terms and conditions of this warranty.
Warranty registration is not necessary but is encouraged to validate product warranty.

About your warranty: Most warranty repairs or replacements are handled routinely but sometimes requests for warranty services may not be appropriate, e.g. warranty services would NOT apply if the product damage occurred because of misuse, lack of routine maintenance, shipping, handling, 3rd party warehousing, or improper installation. Similarly, warranty is void if the serial number on the product has been removed or the product has been altered or modified.

Normal wear: This warranty does not cover normal wear of any parts or damage resulting from any of the following negligent use or misuse of the product:

- Improper voltage or current,
- Use contrary to the operation instructions,
- Deviation from the instructions regarding storage and transportation, or
- Repair or alteration by any 3rd party.

This warranty does not cover Acts of God such as fire, flood, hurricanes, and tornados.
BPM shall not be liable for any incidental or consequential damages by the breach of any express or implied warranty.
Except to the extent prohibited by applicable law any implied warranty of merchantability or fitness for the particular purpose is limited in duration of this warranty.

DECLARATION OF CONFORMITY

Manf: BRIDGEPRO MANAGEMENT LTD, 167–169 Great Portland Street, London, W1W 5PF

EU Rep: Authorised Rep Compliance Ltd., Ground Floor, 71 Lower Baggot Street, Dublin, D02 P593, Ireland. www.arccompliance.com

This declaration of conformity is issued under the sole responsibility of the manufacturer BridgePro Management Ltd.

Product Name	Product Type	Product Part Number
BridgePro 25L/DAY DIGITAL DEHUMIDIFIER	SMART DEHUMIDIFIER	543326 (DD12A-20)

Note: Serial number is stated on each product rating label.

The object of the declaration as described above is in conformity with the relevant Union harmonisation legislation:

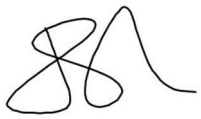
Legislation	Title
2006/42/EC	Machinery Directive
2014/35/EU	Low Voltage Directive (LVD)
2014/30/EU	EMC Directive
2011/65/EU	RoHs Directive

For the evaluation of compliance, the following standards have been applied:

LVD	EN 60335-2-65:2003+A1:2008+A11:2012+A2:2022+A12:2022 EN 60335-1-2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021+A16:2023 EN 62233:2008	RoHs	ROHS Directive (EU) 2015/863 2011/65/EU
EMC	EN 61000-3-3:2013+A1:2019+A2:2021 EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019+A1:2021+A2:2024		

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced standards. The unit complies with all relevant essential requirements of the Union harmonisation legislation.

Signed for an on behalf of BridgePro Management Ltd.



Director

London, England, 15/05/2025

NOTES