

PureMate PM412

PureMate 12L/Day Dehumidifier User Manual

Model: PM412

INTRODUCTION

Thank you for choosing the PureMate 12L/Day Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and keep it for future reference.

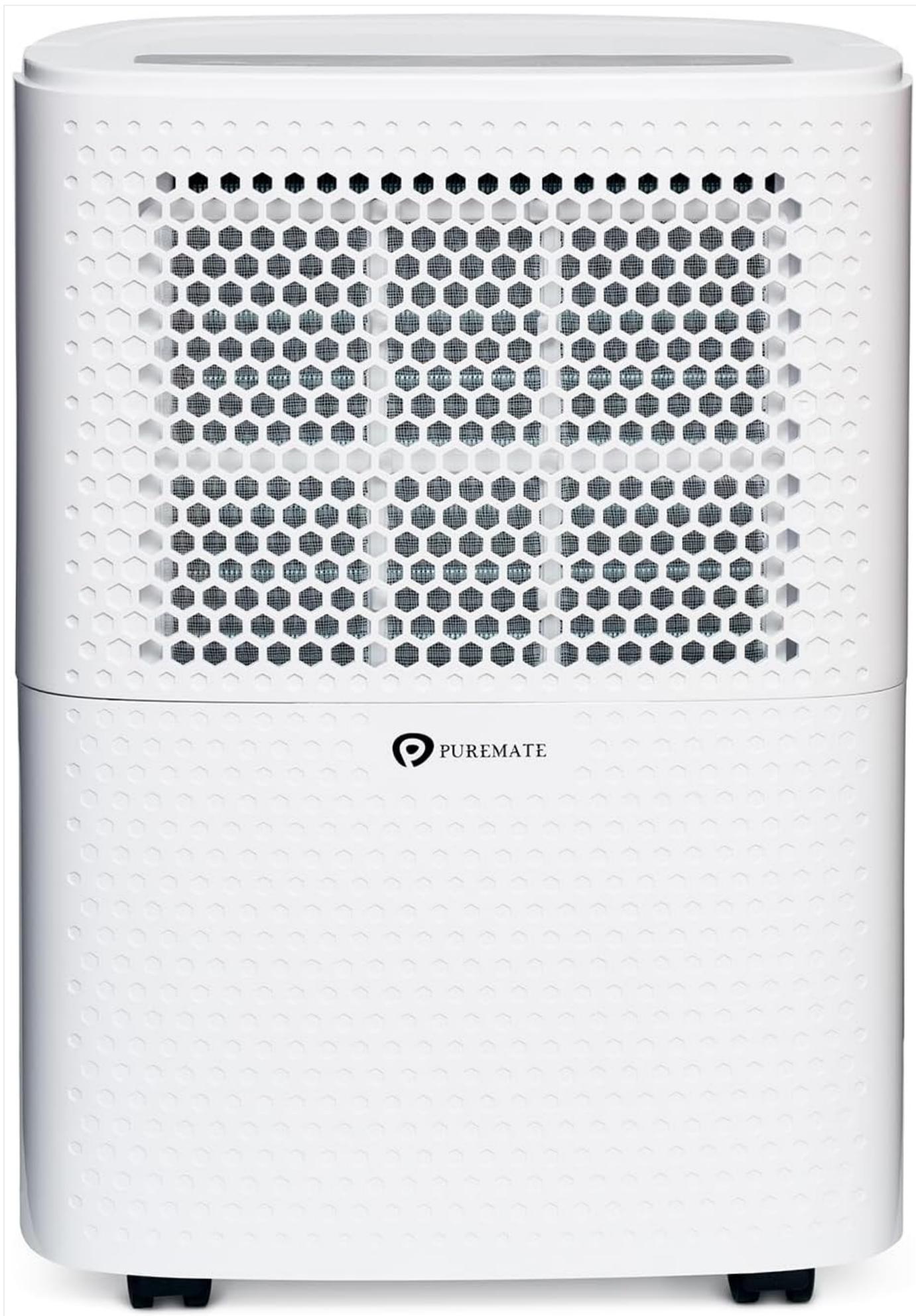


Image: Front view of the PureMate 12L/Day Dehumidifier, showing its compact white design with a perforated upper section for air intake.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the rating label on the unit.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the unit upright during operation and transport.
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or maintenance.
- 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 by a person responsible for their safety.
- The advanced child lock feature deactivates the control panel to prevent unintended changes to settings.

PRODUCT FEATURES

The PureMate 12L/Day Dehumidifier is designed to efficiently manage indoor humidity and improve air quality. Key features include:

- **Powerful Moisture Extraction:** Extracts up to 12 litres of moisture per day, ideal for managing humidity, speeding up laundry drying, and preventing mould and condensation.
- **Adjustable Humidity Settings:** Allows setting desired humidity levels from 30% to 80% Relative Humidity (RH) or continuous operation.
- **Dual Fan Speeds:** Offers two fan speeds (High/Low) for optimized performance and noise control.
- **24-Hour Timer:** Program the unit to turn on or off automatically to fit your schedule.
- **Portable Design:** Equipped with smooth-rolling casters for easy movement between rooms.
- **Continuous Drainage Option:** Includes a 60cm drain pipe for continuous operation without needing to empty the water tank.
- **Air Filtration:** Features an anti-formaldehyde filter and active carbon filter to purify the air by removing dust, spores, formaldehyde, and odours.
- **Automatic Shut-off:** Prevents compressor overheating and water overflow.
- **Sleep Mode:** Disables control panel lights for undisturbed sleep.
- **Storage Mode:** Prepares the unit for long-term storage by drying internal components.

High-Extraction Capacity

Features a larger, easy to remove 1.8L water tank.



Image: The dehumidifier with its 1.8L water tank removed, highlighting the high extraction capacity of up to 12 litres per day and the continuous drainage hose connection point.

SETUP

- Unpacking:** Carefully remove the dehumidifier from its packaging. Inspect for any shipping damage. Keep the packaging for future storage or transport.
- Placement:** Place the dehumidifier on a flat, stable surface in the desired room. Ensure there is at least 20cm (8 inches) of space around the unit for proper airflow. Avoid placing it near heat sources or in direct sunlight. The unit is suitable for medium-sized rooms up to 15m².
- Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the unit's specifications.
- Water Tank Installation:** Ensure the water tank is correctly inserted into the unit.
- Continuous Drainage (Optional):** For continuous operation without emptying the tank, connect the provided 60cm drainage hose to the drainage outlet at the back of the unit. Ensure the hose is sloped downwards to a suitable

drain or container, as gravity drainage is used.



Image: The dehumidifier positioned in a living room, illustrating its compact size (44cm height, 30cm width) and suitability for medium-sized rooms up to 15m².

OPERATING INSTRUCTIONS

Control Panel Overview

SMART TOUCH PANEL ONE TOUCH START FOR EASY OPERATION

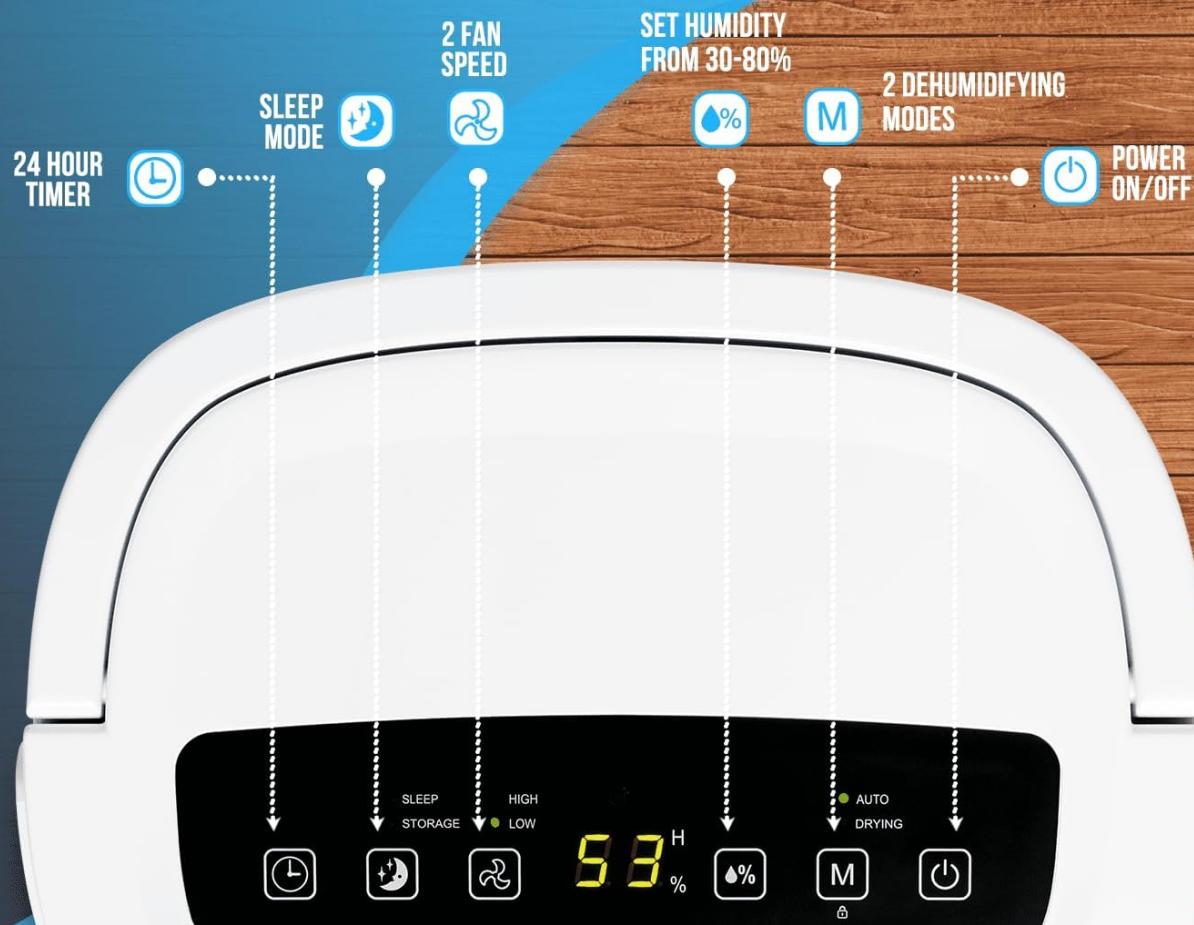


Image: Detailed view of the smart touch control panel, showing buttons for Power On/Off, Mode (M), Humidity Setting (%), Fan Speed, Sleep Mode, and 24 Hour Timer.

Power On/Off Button: Press to turn the unit on or off.

Mode (M) Button: Cycles through dehumidifying modes:

- **Auto Mode:** The unit automatically adjusts operation based on the set humidity level. Once the desired humidity is reached, the compressor stops, and the fan may continue to run.
- **Drying/Continuous Mode:** The unit runs continuously to remove moisture, ideal for laundry drying or very damp environments.

Humidity Setting (%) Button: Allows you to set your desired relative humidity level from 30% to 80% in 5% increments. The unit will operate until this level is reached.

Fan Speed Button: Toggles between High and Low fan speeds.

Sleep Mode Button: Activates Sleep Mode, which turns off all control panel lights for undisturbed sleep while maintaining operation.

24 Hour Timer Button: Set a timer for the unit to automatically turn on or off after a specified number of hours (1-24 hours).

Child Lock: To activate/deactivate, press and hold the "Mode" and "Timer" buttons simultaneously for 3 seconds. This locks the control panel to prevent accidental changes.

Initial Operation

1. Press the **Power On/Off** button to start the dehumidifier.
2. The digital display will show the current room humidity.
3. Press the **Humidity Setting (%)** button to set your desired humidity level. A common comfortable range is 45-55% RH.
4. Select your preferred **Mode** (Auto or Drying/Continuous).
5. Adjust **Fan Speed** as needed.

Drying/Continuous Mode

Runs continuously removing the moisture from your laundry and the environment until you power off. No more damp musty clothing. No unwanted costly bills!



Image: The dehumidifier operating in a room with laundry drying, demonstrating its effectiveness in Drying/Continuous Mode for removing moisture from clothes and the environment.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

Emptying the Water Tank

- When the water tank is full, the unit will automatically shut off and an indicator light will illuminate.
- Carefully pull out the water tank from the front of the unit.
- Empty the collected water.
- Slide the water tank back into place until it clicks securely. The unit will resume operation.

Cleaning the Air Filter

The anti-formaldehyde and active carbon filters should be cleaned regularly (every 2-4 weeks, depending on usage and air quality) to maintain efficiency.

1. Turn off and unplug the dehumidifier.
2. Locate the air filter at the back of the unit. Gently pull it out.
3. Clean the filter using a vacuum cleaner to remove dust and debris. For stubborn dirt, wash it gently with lukewarm water and a mild detergent.
4. Allow the filter to air dry completely before reinserting it. Do not expose to direct sunlight or high heat.
5. Reinsert the dry filter back into the unit.

Anti-Formaldehyde & Active Carbon Filter

The filter removes dust, spores & odours from the air.



Image: An exploded view of the dehumidifier's air filtration system, illustrating the anti-formaldehyde and active carbon filters that remove dust, spores, and odours from the air.

Unit Cleaning and Storage

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Before long-term storage, empty the water tank and activate the "Storage Mode" (if available, refer to control panel section) to dry internal components.
- Store the unit in an upright position in a cool, dry place, away from direct sunlight and extreme temperatures.
- The unit is equipped with smooth-rolling casters for easy movement and a built-in cable store for tidy storage.

Portable & Easy to Store

Four castor wheels for easy manoeuvrability & convenience each time.



24 Hour Timer

The 24 hour timer helps you set a timer span to control the moisture within your home.



Cable Tidy

Fitted with 1.5m power cable and Convenient built in cable store



Image: A composite image showing the dehumidifier's portable design with castor wheels, its 24-hour timer function on the control panel, and the convenient built-in cable tidy for storage.

TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord not plugged in, power outage.	Check power connection, ensure outlet is working, check circuit breaker.
Unit is running but not collecting water.	Room humidity is already low, temperature is too low, air filter is clogged, continuous drainage hose is connected and draining.	Check room humidity level, ensure room temperature is above 5°C (41°F), clean air filter, verify continuous drainage setup.
Unit is noisy.	Unit not on a level surface, air filter clogged, fan obstruction.	Place on a flat surface, clean air filter, check for obstructions around fan.
Water tank is full indicator is on, but tank is not full.	Water tank not properly seated, float switch malfunction.	Re-insert water tank firmly. If issue persists, contact customer support.
Unit displays an error code.	Internal malfunction.	Unplug the unit for 10 minutes, then plug back in. If error persists, contact customer support.

Prevention is best

Reduce the relative humidity in the atmosphere And avert common problems

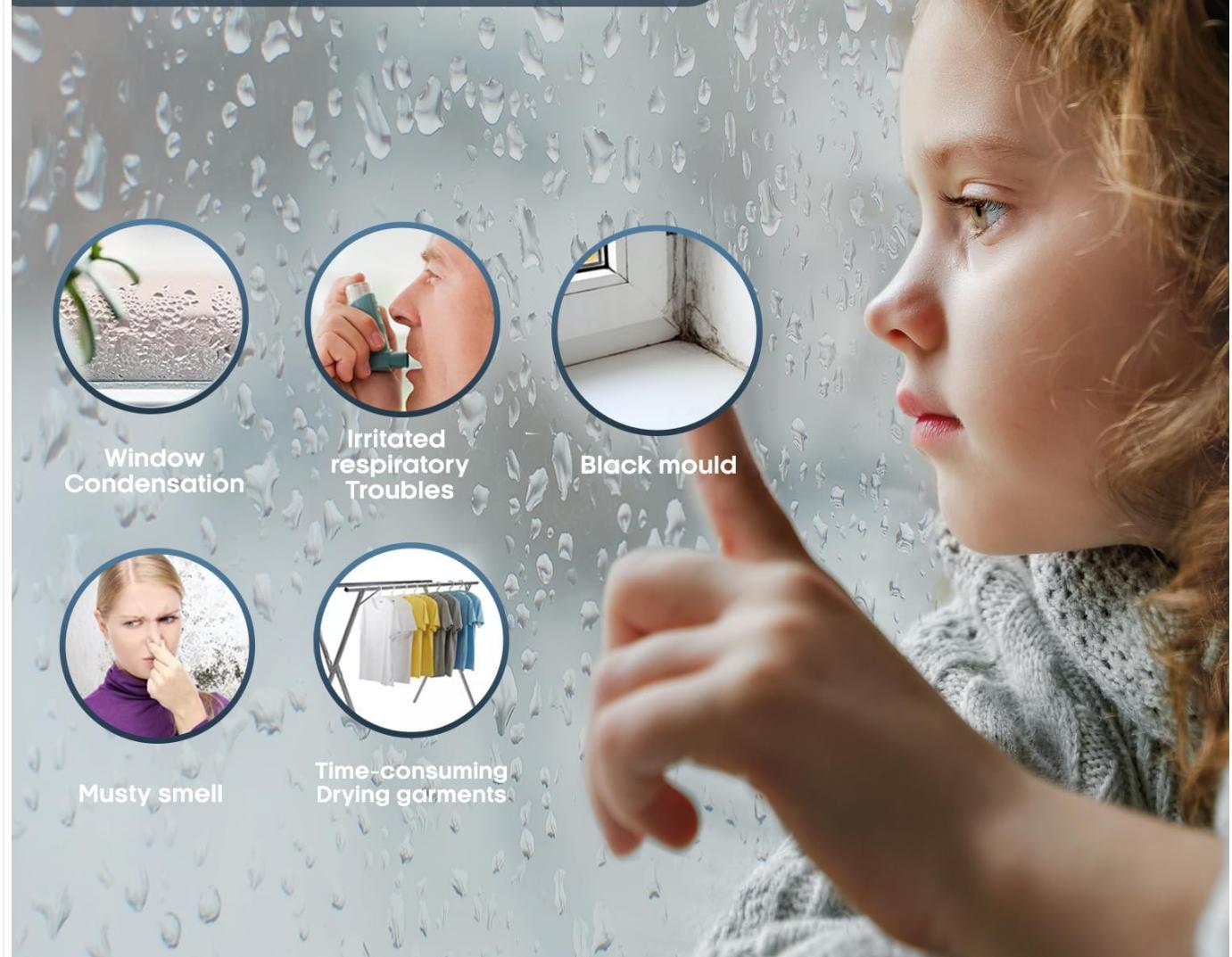


Image: A child observing a window covered in condensation, surrounded by icons representing common issues prevented by dehumidification: window condensation, irritated respiratory troubles, black mould, musty smell, and time-consuming drying of garments.

SPECIFICATIONS

Attribute	Detail
Brand	PureMate
Model Number	PM412
Colour	White
Product Dimensions (L x W x H)	24 x 28.5 x 49.5 cm
Item Weight	10.34 kg
Moisture Extraction Capacity	12 litres/day

Attribute	Detail
Water Tank Volume	1.8 Litres
Power / Wattage	240 Watt-hours
Number of Fan Speeds	2
Auto Shutoff	Yes
Filter Type	Anti-Formaldehyde & Active Carbon
Recommended Use	Residential (medium to large rooms)
Included Components	Continuous drainage hose, Carbon Filter

WARRANTY AND SUPPORT

Information regarding the specific warranty period and terms for the PureMate 12L/Day Dehumidifier is not available in the provided product data. Please refer to the product packaging or the manufacturer's official website for detailed warranty information.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact PureMate customer service through their official channels. Contact details are typically found on the product packaging, the PureMate website, or your purchase receipt.

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Documents - PureMate – PM412



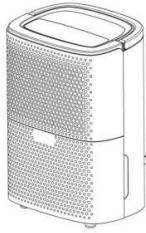
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 WARNING To avoid damage, place the unit in an upright position for at least 24 hours before initiation. Thank you for purchasing the innovative PureMate 12L Dehumidifier PM 412. We wish you many years of healthy indoor air with this ...
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**12L COMPRESSOR
DEHUMIDIFIER**

MODEL NO: PM 412



INSTRUCTION MANUAL

[**PureMate 12L Compressor Dehumidifier PM 412 Instruction Manual**](#)

Instruction manual for the PureMate 12L Compressor Dehumidifier, Model PM 412.

Covers safety precautions, operating instructions, maintenance, and specifications.

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USER MANUAL

PORTABLE 12L DEHUMIDIFIER WITH IONISER

Model: PM 412



Read This Manual

Thank you for purchasing the innovative PureMate PM 412 12L Dehumidifier. We wish you many years of healthy indoor air with this efficient and effective product. Inside you will find many helpful hints on how to use and maintain your dehumidifier. Just follow the instructions and you will save a great deal of time and money over the life of your dehumidifier. You'll find many answers to common problems in our troubleshooting section. Review the chart of Troubleshooting Tips before calling our customer service.

IMPORTANT:
Read these instructions fully before using the Dehumidifier. Retain these instructions for future reference.

PUREMATE

Version : 04/2016

12L Dehumidifier

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Manual PM412 Jan2019 Mrs Nuzhat Shahzad PureMate 12L Dehumidifier puremate co uk 2020 04 |||

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