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## Turbionaire SENSO12

# Turbionaire Senso 12 Portable Dehumidifier User Manual

Model: SENSO12

## 1. INTRODUCTION

Thank you for choosing the Turbionaire Senso 12 Portable Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your appliance. Please read it thoroughly before use and retain it for future reference.

The Turbionaire Senso 12 is designed to reduce excess humidity in indoor environments, creating a more comfortable and healthier living space. It features a 12-liter per day dehumidification capacity, low noise operation, and uses the environmentally friendly R290 refrigerant.

## 2. SAFETY INSTRUCTIONS

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always connect the unit to a grounded power outlet with the correct voltage (230V).
- Do not operate the unit with a damaged power cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Ensure the dehumidifier is placed on a stable, level surface to prevent tipping and water spillage.
- Maintain a minimum clearance of 20 cm (8 inches) around the unit for proper airflow.
- Do not insert objects into the air inlet or outlet grilles.
- Keep children away from the appliance. The Child Lock function helps prevent accidental changes to settings.
- This appliance contains R290 refrigerant. Do not attempt to service or repair the refrigerant circuit yourself. Contact qualified personnel for service.
- Unplug the unit before cleaning, maintenance, or when not in use for extended periods.
- Do not use the appliance in areas where flammable gases or liquids are stored.

### 3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your Turbionaire Senso 12 dehumidifier.





Figure 3.1: Front view of the Turbionaire Senso 12 Dehumidifier, showing the control panel and humidity indicator light.

## EENVOUDIGE BEDIENING

Stel de gewenste  
luchtvochtigheid  
in

Automatische of  
continue modus

LCD-  
scherm

LED-lampje  
voor volle  
watertank

Slaapstand

Timer

2 ventilatorsnelheden

Kinderslot



Figure 3.2: Close-up of the digital control panel with buttons for Lock, Speed, Timer, Humidity Setting, Mode, and Power.



Figure 3.3: The round LED light on the front panel indicates current humidity levels: Blue (low), Green (optimal), Red (high).

## Key Components:

- **Control Panel:** Digital display and buttons for various settings.
- **Air Inlet/Outlet:** Where air enters and exits the unit.
- **Water Tank:** Removable tank for collecting condensed water.
- **Washable Air Filter:** Located at the back, filters dust from the air.
- **Continuous Drainage Port:** For connecting a hose for continuous water removal.
- **Casters (Wheels):** For easy portability.
- **Handle:** Integrated handle for moving the unit.

## 4. SETUP

### 4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials and ensure no components are missing.
3. Inspect the unit for any shipping damage. If damaged, do not operate and contact your retailer.

### 4.2 Placement

- Place the dehumidifier on a firm, level surface that can support its weight when the water tank is full.
- Ensure there is at least 20 cm (8 inches) of space around the unit to allow for proper air circulation. Do not block the air inlets or outlets.
- For optimal performance, operate the dehumidifier in an enclosed area. Close all doors and windows in the room where the unit is operating.
- Avoid placing the unit near heat-generating appliances or in direct sunlight.

### 4.3 Power Connection

- Plug the power cord into a properly grounded 230V electrical outlet.
- The unit is now ready for operation.

### 4.4 Continuous Drainage (Optional)

For extended operation without emptying the water tank, you can set up continuous drainage.



**Figure 4.1:** Rear view showing the continuous drainage port and the integrated handle for easy movement.

1. Locate the continuous drainage port at the back of the unit.
2. Remove the rubber stopper from the drainage port.
3. Connect a suitable drainage hose (100 cm tube included) to the port. Ensure the connection is secure to prevent leaks.
4. Direct the other end of the hose to a floor drain or a larger container, ensuring the hose is sloped downwards for gravity drainage.
5. Ensure the hose is not kinked or blocked.

## 5. OPERATING INSTRUCTIONS

The control panel allows you to manage all functions of your dehumidifier.

### 5.1 Power On/Off

- Press the **POWER** button to turn the unit on or off.

- When turned on, the unit will display the current room humidity and the LED indicator will light up according to the humidity level.

## 5.2 Setting Desired Humidity

- Press the **HUM SET** button repeatedly to cycle through desired humidity levels (e.g., 30%, 40%, 50%, 60%, 70%, Continuous).
- The unit will operate until the set humidity level is reached, then it will pause. It will resume operation if the humidity rises above the set level.

## 5.3 Mode Selection

- Press the **MODE** button to select between different operating modes:
- **Auto Mode:** The unit automatically adjusts its operation based on the ambient humidity to maintain a comfortable level.
- **Continuous Dehumidification:** The unit runs continuously regardless of the humidity level. This is useful for very damp conditions or for drying clothes.
- **Drying Mode:** Optimized for faster dehumidification, often used for drying laundry.

## 5.4 Fan Speed Adjustment

- Press the **SPEED** button to switch between two fan speeds: Low and High.
- Low speed offers quieter operation, while High speed provides faster dehumidification.

## 5.5 Timer Function

- Press the **TIMER** button to set an auto-off timer (from 1 to 24 hours).
- Each press increases the timer by one hour. Once the desired time is set, the unit will automatically turn off after the specified duration.

## 5.6 Child Lock Function

- Press and hold the **LOCK** button for 3 seconds to activate or deactivate the Child Lock.
- When activated, all other buttons on the control panel will be disabled to prevent accidental changes.

## 5.7 Humidity Indicator Light

- The large circular LED light on the front panel indicates the current humidity level in the room:
- **Blue:** Humidity is below 50% (dry).
- **Green:** Humidity is between 50% and 70% (optimal).
- **Red:** Humidity is above 70% (humid).

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# 6. MAINTENANCE

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

## 6.1 Emptying the Water Tank

When the water tank is full, the unit will automatically stop operating, and an indicator light will illuminate. The display may show 'FL' (Full).

1. Gently pull out the water tank from the side of the unit.
2. Carefully carry the tank to a sink or drain and empty the collected water.
3. Slide the empty water tank back into the unit until it clicks into place. The unit will resume operation automatically.

## 6.2 Cleaning the Air Filter

The washable air filter should be cleaned regularly (every two weeks or more often depending on usage) to maintain efficiency.



Figure 6.1: Rear view showing access to the washable air filter and the removable water tank.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter cover at the back of the unit.
3. Gently pull the filter cover outwards to remove the filter.

4. Clean the filter with a vacuum cleaner to remove loose dust. For heavier dirt, wash the filter with lukewarm water and a mild detergent.
5. Rinse the filter thoroughly and allow it to air dry completely before reinserting. Do not expose to direct sunlight or high heat.
6. Once dry, place the filter back into its slot and close the cover.

### 6.3 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no water enters the electrical components.

## 7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not plugged in; Power outage.	Check power connection; Ensure outlet is functional; Check circuit breaker.
Unit is running but not collecting water	Room humidity is too low; Temperature is too low; Air filter is clogged; Water tank not properly inserted; Continuous drainage hose is connected and draining.	Check current humidity setting; Ensure room temperature is above 5°C (41°F); Clean air filter; Reinsert water tank correctly; If continuous drainage is active, water will not collect in the tank.
Unit is noisy	Unit not on a level surface; Air filter clogged; Fan obstruction.	Place on a flat, stable surface; Clean air filter; Check for any obstructions in the fan area.
Water tank full indicator (FL) is on, but tank is not full	Water tank not properly seated; Float switch malfunction.	Remove and reinsert the water tank firmly; If issue persists, contact customer support.
Dehumidifier runs constantly	Humidity setting is too low; Continuous mode is active; Room is too large or too humid.	Increase the desired humidity setting; Switch to Auto Mode; Ensure room size is within recommended limits (up to 20 m <sup>2</sup> ).

If the problem persists after attempting these solutions, please contact Turbionaire customer support.

## 8. SPECIFICATIONS

Technical details for the Turbionaire Senso 12 Portable Dehumidifier.



Figure 8.1: Dimensions of the Turbionaire Senso 12 Dehumidifier: 22 cm (depth), 25.5 cm (width), 44.5 cm (height).

Feature	Specification
Model	SENSO12

Feature	Specification
Dehumidification Capacity	12 Liters/24 hours
Power Supply	230V
Maximum Power Consumption	185 W
Refrigerant	R290 (environmentally friendly)
Noise Level	36 Decibels
Recommended Room Area	Up to 20 m <sup>2</sup> (55 m <sup>3</sup> )
Water Tank Volume	2 Liters
Airflow Capacity	120 m <sup>3</sup> /hour
Product Dimensions (D x W x H)	22 x 25.5 x 44.5 cm
Product Weight	10 kg
Special Features	Adjustable humidity control, Child Lock, Timer, 2 Fan Speeds, LED Humidity Indicator, Washable Air Filter, Continuous Drainage Option

## 9. WARRANTY AND SUPPORT

Your Turbionaire Senso 12 Dehumidifier comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Turbionaire customer support through their official website or the retailer where the product was purchased. Please have your model number (SENSO12) and purchase date available when contacting support.

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