

## COLZER HD10C

# COLZER HD10C 100 Pint Dehumidifier User Manual

Model: HD10C

## 1. IMPORTANT SAFETY INSTRUCTIONS

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Please read all instructions carefully before operating the dehumidifier. Retain this manual for future reference.

- Always connect the unit to a grounded power outlet.
- Do not operate the dehumidifier if the power cord or plug is damaged.
- Ensure the unit is placed on a level, stable surface to prevent water spillage.
- Maintain at least 8 inches (20 cm) of space around the unit for proper airflow.
- Do not insert objects into the air inlet or outlet.
- Unplug the unit before cleaning or performing any 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.

## 2. PRODUCT OVERVIEW

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### 2.1 Key Features

- **High Capacity:** Removes up to 100 pints of moisture per day (at 95°F, 85%RH).
- **Wide Coverage:** Suitable for areas up to 5500 sq. ft.
- **Multiple Modes:** DEHU (Dehumidify), DRY (Laundry Dry), CONT (Continuous).
- **Easy Operation:** Intuitive top control panel with digital display.
- **Dual Drainage Options:** Manual bucket or continuous drain with hose.
- **Portable Design:** Equipped with 4 rolling casters and side-grip handles for easy movement.
- **Intelligent Humidity Control:** Automatically maintains desired humidity levels.

2.2 Product Components



Figure 1: Front view of the COLZER HD10C Dehumidifier, showing the digital display and control panel on top.

# Humanized Moving Design



Figure 2: Side view of the COLZER HD10C Dehumidifier, highlighting its dimensions (19.7in H x 13.8in W x 9.6in D), front display, recessed handles, and 360-degree universal wheels for mobility.

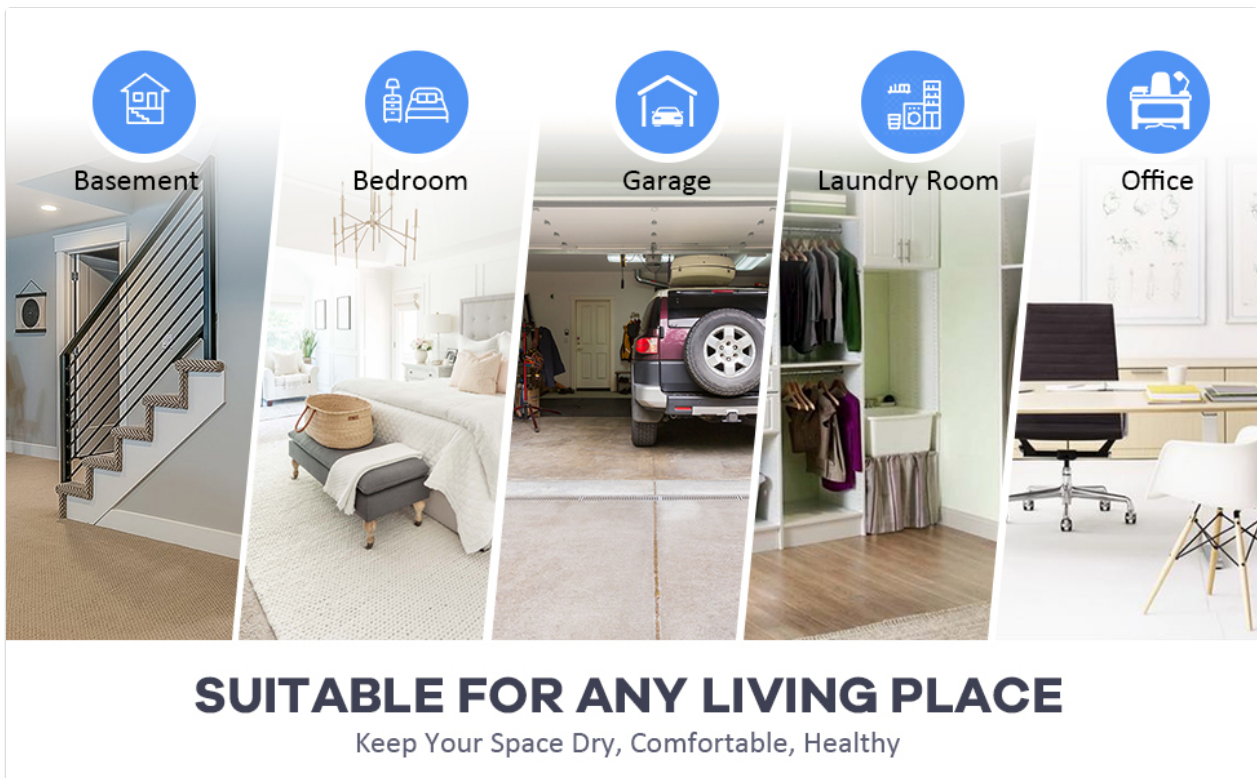


Figure 3: Visual representation of various suitable environments for the dehumidifier, including basements, bedrooms, garages, laundry rooms, and offices.

### 3. SETUP

#### 3.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials, including any tape or protective films.
3. Inspect the unit for any shipping damage. If damaged, contact customer support.

#### 3.2 Placement

- Place the dehumidifier on a firm, level surface that can support its weight when the water bucket is full.
- Ensure there is at least 8 inches (20 cm) of clear space around the air inlet and outlet for optimal performance.
- Avoid placing the unit near heat sources, such as radiators or ovens, or in direct sunlight.
- Do not use the unit in areas where flammable gases or combustible materials are present.

#### 3.3 Power Connection

- Plug the power cord into a properly grounded 120V/60Hz electrical outlet.
- Do not use extension cords or adapter plugs.

#### 3.4 Drainage Options

# Continuous Drainage/ Water Reservoir



**Auto**

Included 6.56ft Long Drain Pipe to achieve continuous drainage.

**Manual**

**11 Pint(5Liter) Water Reservoir**  
Auto shutoff when the water tank was full



Figure 4: Illustration of the two drainage methods: manual water reservoir emptying and continuous drainage via a hose.

## 3.4.1 Manual Drainage (Water Bucket)

- The unit will automatically shut off when the 11-pint water bucket is full.
- Carefully pull out the water bucket from the front of the unit.
- Empty the collected water.
- Slide the empty bucket back into the unit until it clicks into place. The unit will resume operation.



**Visible Water Level**

Figure 5: Close-up of the dehumidifier's water bucket, showing the visible water level indicator.

### 3.4.2 Continuous Drainage

- For continuous operation without emptying the bucket, attach the included drain hose to the continuous drain outlet on the back of the unit.
- Ensure the hose is sloped downwards to a suitable drain (e.g., floor drain, sink) to allow gravity drainage.
- Do not allow the hose to be kinked or blocked, as this will prevent proper drainage.

## 4. OPERATING INSTRUCTIONS

### 4.1 Control Panel Overview



Figure 6: Detailed view of the advanced control panel, showing buttons for Mode, Humidity Setting, Timer, Fan Speed, and Child Lock, along with the digital display.

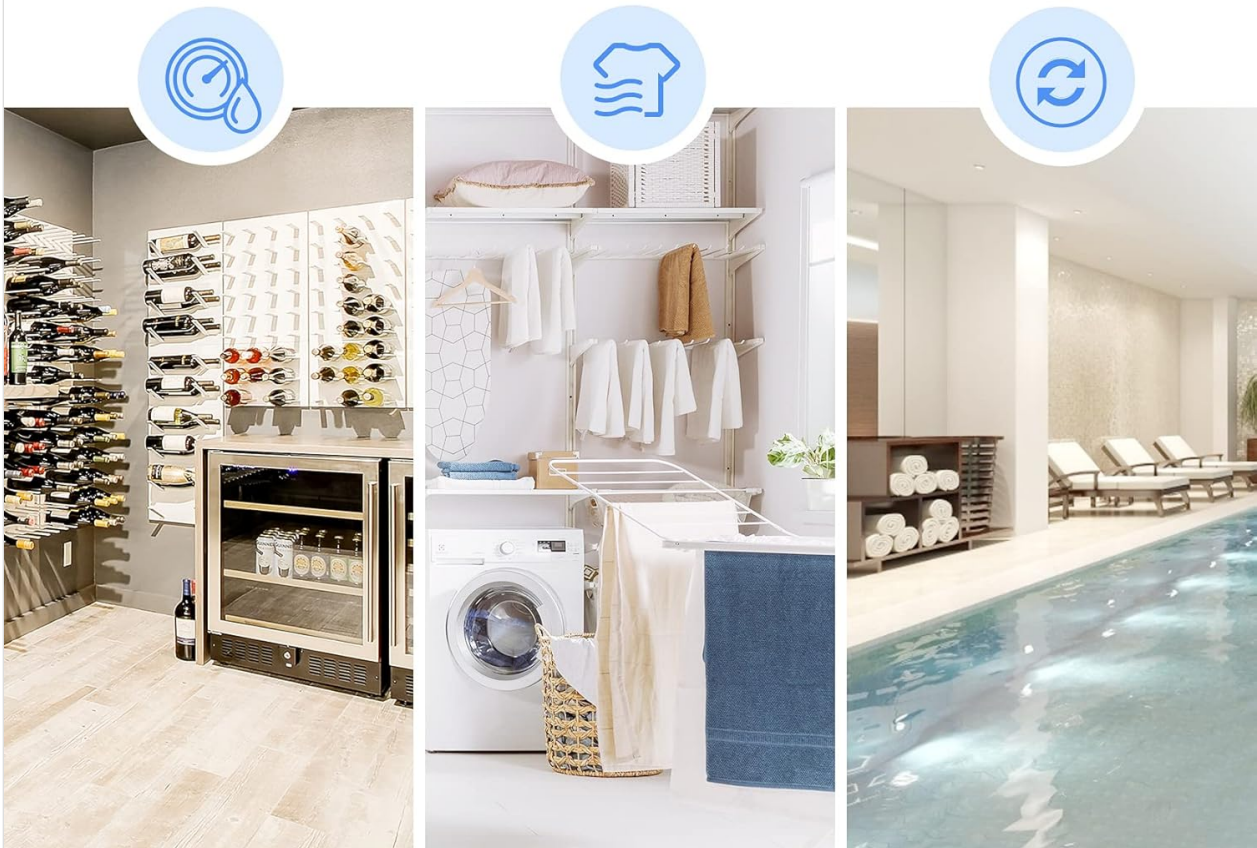


Figure 7: Close-up of the intelligent touch control panel with illuminated icons and digital humidity display.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through DEHU, DRY, and CONT modes.
- **Humidity Setting Buttons (Up/Down):** Adjusts the desired humidity level (30%-80% RH).
- **Timer Button:** Sets the auto ON/OFF timer (1-24 hours).
- **Fan Speed Button:** Selects High or Low fan speed.
- **Child Lock Button:** Locks the control panel to prevent accidental changes.
- **Digital Display:** Shows current room humidity or timer settings.

## 4.2 Operating Modes

# 3 Modes Meet All Needs



## Smart Mode

Auto Maintain  
Desired Humidity Level

## Dry Mode

Quick Dry for  
Severe Moisture Issues

## CONT Mode

for Constantly  
Musty/Humid Places

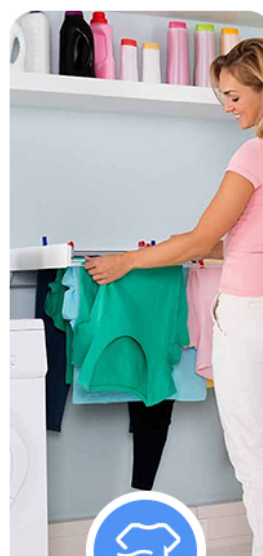
Figure 8: Overview of the three operating modes: Smart Mode (DEHU) for maintaining humidity, Dry Mode for quick drying, and CONT Mode for continuous operation in humid areas.

## 3 Kinds of Working Modes Optional

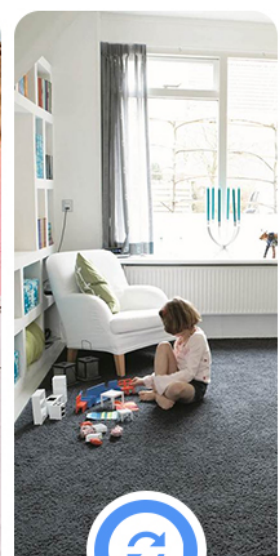
Switch work mode arbitrarily  
according to needs



DEHU MODE



DRY MODE



CONT MODE

Figure 9: Visual representation of the three working modes (DEHU, DRY, CONT) and their typical applications, such as storage, laundry, and humid environments.

- **DEHU Mode (Dehumidify):** The unit will operate to reach and maintain your set humidity level. The compressor and fan will cycle ON/OFF as needed.
- **DRY Mode (Laundry Dry):** Designed for quick drying of clothes. The unit operates continuously at high fan speed, regardless of the ambient humidity.
- **CONT Mode (Continuous):** The unit operates continuously, removing moisture without regard to a set humidity level. Ideal for very damp conditions or continuous drainage.

### 4.3 Setting Desired Humidity

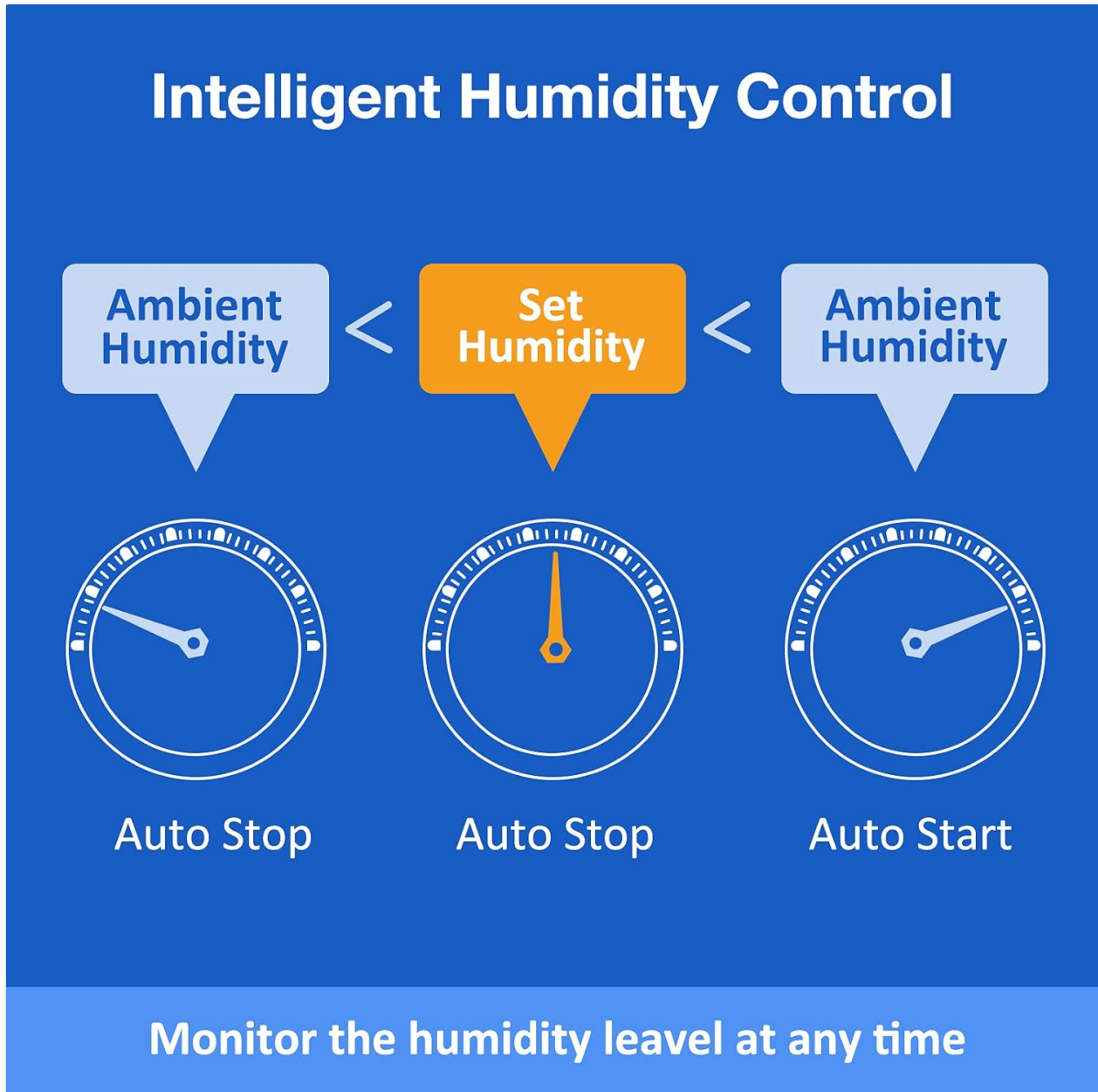


Figure 10: Diagram illustrating the intelligent humidity control function, where the unit automatically stops when ambient humidity is below the set level and starts when it rises above.

1. Press the Power button to turn on the unit.
2. Press the Mode button to select DEHU mode.
3. Use the Up/Down humidity buttons to set your desired humidity level (e.g., 45% RH). The display will show the set humidity for a few seconds, then revert to showing the current room humidity.
4. The unit will operate until the room humidity reaches the set level, then cycle off. It will restart when the humidity rises.

### 4.4 Timer Function



Figure 11: Graphic depicting the 24-hour auto ON/OFF timer function, allowing scheduled operation.

- **Auto-OFF:** While the unit is running, press the Timer button to set the number of hours (1-24) after which the unit will automatically turn off.
- **Auto-ON:** While the unit is OFF, press the Timer button to set the number of hours (1-24) after which the unit will automatically turn on.
- To cancel the timer, press the Timer button until '00' is displayed or turn the unit OFF and ON again.

## 4.5 Child Lock

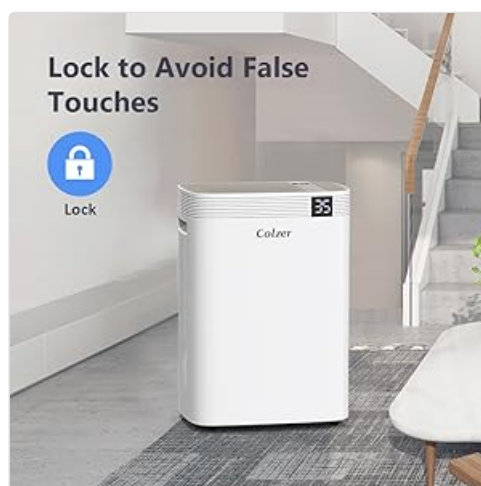


Figure 12: Image showing the dehumidifier in a home setting with a lock icon, indicating the child lock feature to prevent unintended operation.

- Press and hold the Child Lock button for 3 seconds to activate or deactivate the lock function.
- When activated, a lock icon will appear on the display, and other buttons will not respond.

## 5. MAINTENANCE

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

### 5.1 Cleaning the Air Filter

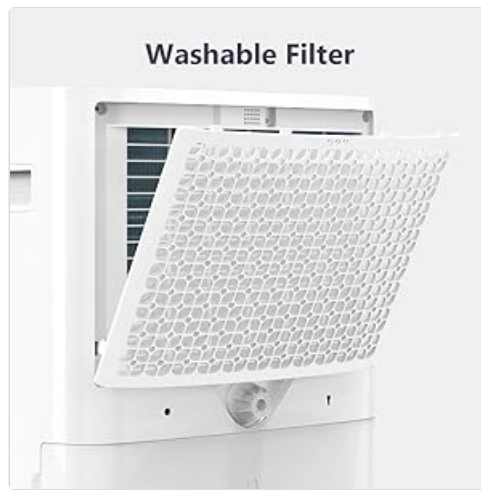


Figure 13: Image showing the removable and washable air filter being accessed from the side of the dehumidifier.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the air filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling it.
5. Clean the air filter every two weeks or more frequently if used in dusty environments.

## 5.2 Cleaning the Water Bucket

1. Turn off the dehumidifier and unplug it.
2. Remove the water bucket.
3. Clean the bucket with warm water and a mild detergent.
4. Rinse thoroughly and dry before placing it back into the unit.

## 5.3 Storage

1. If storing the unit for an extended period, ensure the water bucket is empty and clean.
2. Clean the air filter.
3. Wrap the power cord and secure it with the beads-tie.
4. Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Power cord not plugged in; Water bucket full or not properly inserted; Child lock activated.	Check power supply; Plug in power cord securely; Empty and reinsert water bucket; Deactivate child lock.
No water collected.	Room humidity is too low; Temperature is too low; Air filter is clogged; Unit is in CONT mode with hose attached.	Increase desired humidity setting; Ensure room temperature is above 41°F (5°C); Clean air filter; Check continuous drain hose for blockages.

Problem	Possible Cause	Solution
Unit is noisy.	Unit not on a level surface; Air filter clogged; Fan obstruction.	Place on a level surface; Clean air filter; Check for any obstructions around the fan.
Airflow is weak.	Air filter clogged; Air inlet/outlet blocked.	Clean air filter; Ensure clear space around air inlet/outlet.
Error Codes (e.g., E1, E2).	Sensor malfunction; Refrigerant leak.	Unplug the unit for 10 minutes and restart. If the error persists, contact customer support.

## 7. SPECIFICATIONS

Feature	Specification
Brand	COLZER
Model Name	HD10C
Dehumidification Capacity	100 Pints/Day (at 95°F, 85%RH)
Applicable Area	Up to 5500 Sq. Ft.
Water Tank Capacity	11 Pints (5.21 Liters)
Product Dimensions (D x W x H)	9.6" x 13.8" x 19.7"
Item Weight	33 Pounds
Material	Acrylonitrile Butadiene Styrene (ABS)
Wattage	720 watts
Air Flow Capacity	220 CMPH
Operation Modes	DEHU, DRY, CONT
Humidity Setting Range	30% - 80% RH

## 8. WARRANTY AND SUPPORT

COLZER products are designed and manufactured to the highest quality standards. For warranty information or technical support, please contact COLZER customer service.

- Please refer to your purchase documentation for specific warranty terms and conditions.
- Keep your proof of purchase for warranty claims.
- For assistance, visit the official COLZER website or contact their customer support team directly.

