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## Vellgoo DryTank Pro

# Vellgoo DryTank Pro 120 Pint Dehumidifier User Manual

Model: DryTank Pro (TAURUS PRO RCS50(Y)N4 3)

Brand: Vellgoo

## 1. IMPORTANT SAFETY INSTRUCTIONS

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

- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Do not operate the dehumidifier in a well-ventilated room without continuously operating flames or other potential ignition sources.
- Always unplug the unit before cleaning or performing any maintenance.
- Keep children and pets away from the unit during operation.
- Do not block air inlets or outlets.
- Allow the unit to stand upright for 24 hours before plugging it in after transport.

## 2. PRODUCT OVERVIEW

The Vellgoo DryTank Pro is an Energy Star certified compressor dehumidifier designed for efficient moisture removal in large areas up to 5,000 sq. ft. It features smart humidity control and flexible drainage options.

### Key Features:

- **High Capacity:** Removes up to 120 pints/day (under extreme conditions) or 80 pints/day (standard conditions).
- **Energy Efficient:** 2024 Most Efficient Energy Star certified, reducing energy consumption.
- **Advanced Technology:** Features a high-efficiency rotary compressor and a '3+2' evaporator/condenser system with pure copper tubes and hydrophilic aluminum fins for faster moisture removal and longer lifespan.

- **Multiple Modes:** Continuous, Custom, Sleep, and Turbo modes for versatile operation.
- **User-Friendly Design:** Built-in wheels and handle for easy mobility, child lock for safety, and a washable filter for reduced maintenance.
- **Smart Functions:** Auto Restart, Auto Defrost, and Memory Function.



Figure 1: Vellgoo DryTank Pro Dehumidifier. This image displays the front and side view of the white dehumidifier, highlighting its compact design and control panel.

# DryTank Pro Compressor Dehumidifier

Max 120-Pint/D Built for Large Areas Up To 5,000 Sq.Ft.

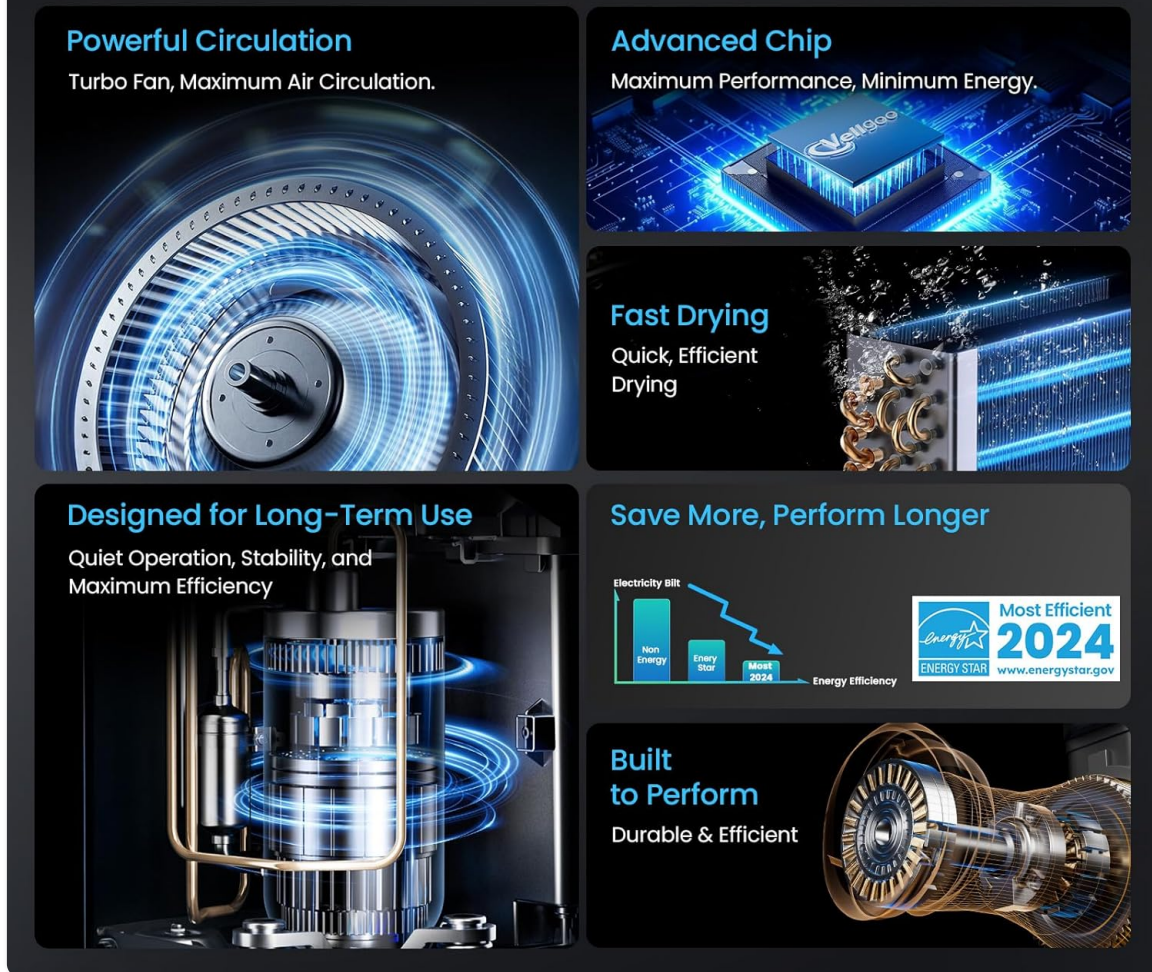


Figure 2: Internal Components and Features. This graphic illustrates the turbo fan, advanced chip, fast drying coils, and rotary compressor, emphasizing the dehumidifier's core technologies.

## 3. SETUP

### Initial Placement:

Place the dehumidifier in an area where humidity control is desired. Ensure there is adequate space around the unit for proper airflow.

### Power Connection:

After unboxing, allow the unit to stand upright for 24 hours before plugging it into a standard 120V (AC) electrical outlet.

### Drainage Options:

The DryTank Pro offers three methods for water drainage:

1. **Continuous Drainage with Included Hose:** Connect the provided 6.56 ft drain hose to the continuous drainage port on the back of the unit. Ensure the hose is sloped downwards to allow gravity to drain water to a suitable location (e.g., floor drain, sink).

2. **Continuous Drainage with Garden Hose:** For longer reach, a standard garden hose with a 3/4" GHT female (internally threaded) connector can be used. Connect it to the continuous drainage port.
3. **Manual Drainage with Water Bucket:** The unit collects water in an internal 1.65-gallon bucket. When the bucket is full, the unit will automatically shut off and indicate that it needs to be emptied. Carefully remove the bucket using its handle and pour out the collected water.

Vs Other Products		
Warranty:	Up to 2-Year (with Registration)	1 Year
Dehumidification under same conditions (95°F, 90% RH):	120 Pint/Day	50Pint/Day
Panel:	LED Touch	LCD
Compressor:	Rotary Compressor	Piston Compressor
Eco-Friendly Refrigerant: Lower GWP, Smaller Carbon Footprint	R32 (GWP 675)	R134a (GWP 1,430)
Heat Exchange Efficiency:	Copper Tubes	Aluminum Tubes
Meets ETL& Energy Star Standards:	Yes	No

Figure 3: Drainage Options. This image illustrates the three methods for draining water: connecting a garden hose, using the included clear hose, or manually emptying the water bucket.

## 3 Easy Ways to Drain Your Dehumidifier

Pick Your Favorite Way to Keep Your Space Dry!



Figure 4: Designed for Ease. This image highlights the washable nylon filter, 360° swivel wheels, hidden handle, child lock design, bucket handle, and water level viewing window.

### Setup Video:

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Video 1: How to Start the Vellgoo Dehumidifier. This video demonstrates the initial power-on sequence and basic controls of the dehumidifier.

## 4. OPERATING INSTRUCTIONS

The control panel on the top of the unit allows you to manage various settings and modes.

### Control Panel Functions:

- **Power Button:** Turns the unit on/off.
- **Fan Speed:** Adjusts the fan speed (low, medium, high).
- **Timer:** Sets a timer for automatic shut-off (0-24 hours).
- **Humidity Adjustment:** Use '+' and '-' buttons to set desired humidity level (35%RH-80%RH).
- **Mode Selection:** Cycle through different operating modes.

## Operating Modes:

- **Continuous Mode:** The dehumidifier runs continuously regardless of the humidity level. LED lights are off in this mode.
- **Custom Mode:** Allows you to set a specific target humidity level between 35%RH and 80%RH. The unit will operate until this level is reached.
- **Comfort Mode:** Automatically maintains a human comfort humidity range of 45%RH-55%RH.
- **Sleep Mode:** Operates within a human comfort humidity range of 40%RH-60%RH, with all lights turned off except the power button for minimal disturbance.
- **Turbo Mode:** Activates Continuous Mode with the fan speed set to high for maximum moisture removal.



Figure 5: Auto Features. This image highlights the Auto Restart, Auto Defrost, and Memory Function features of the dehumidifier.

## Operating Modes Video:

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Video 2: How to Identify Dehumidifier Modes. This video demonstrates how to switch between and identify the different operating modes on the control panel.

## 5. MAINTENANCE

### Filter Cleaning:

The dehumidifier is equipped with a washable filter. Regularly clean the filter to ensure optimal performance and air quality. Refer to Figure 4 for the filter location.

### Water Tank Care:

If using the water bucket for drainage, empty it regularly. Clean the bucket periodically to prevent mold or mildew growth. Refer to Figure 4 for the water level viewing window and bucket handle.

## 6. TROUBLESHOOTING

If you encounter issues with your Vellgoo DryTank Pro dehumidifier, please refer to the following common troubleshooting steps:

- **Unit not turning on:** Check if the power cord is securely plugged into a working outlet. Ensure the water bucket is correctly inserted and not full.
- **No water collection:** Verify that the desired humidity level is set lower than the current room humidity. Check if the air filter is clean and not obstructed. Ensure the continuous drainage hose (if used) is not kinked or blocked.
- **Unusual noise or vibration:** Ensure the unit is on a level surface. Check for any loose parts or obstructions in the fan area.
- **Error codes:** Consult the specific error code displayed on the control panel with the detailed troubleshooting section in the full user manual for specific solutions.

For further assistance, please contact Vellgoo customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Vellgoo
Model Name	TAURUS PRO RCS50(Y)N4 3 (DryTank Pro)
Floor Area Coverage	5000 Square Feet
Dehumidification Capacity	120 Pints/Day (15 Gallons per Day)
Tank Volume	1.65 Gallons
Product Dimensions	17.69"D x 11.75"W x 24.41"H
Item Weight	47 pounds
Color	White

Special Feature	Automatic Shutoff
Number of Speeds	3
Recommended Uses	Indoor, For Home, For Household
Included Components	Drain Hose
Material	Acrylonitrile Butadiene Styrene (ABS)
Wattage	600 watts
Operation Mode	Continuous, Comfort, Sleep, Custom
Air Flow Capacity	14280 Cubic Feet Per Hour
Upper Temperature Rating	90 Degrees Fahrenheit
Voltage	120 Volts (AC)

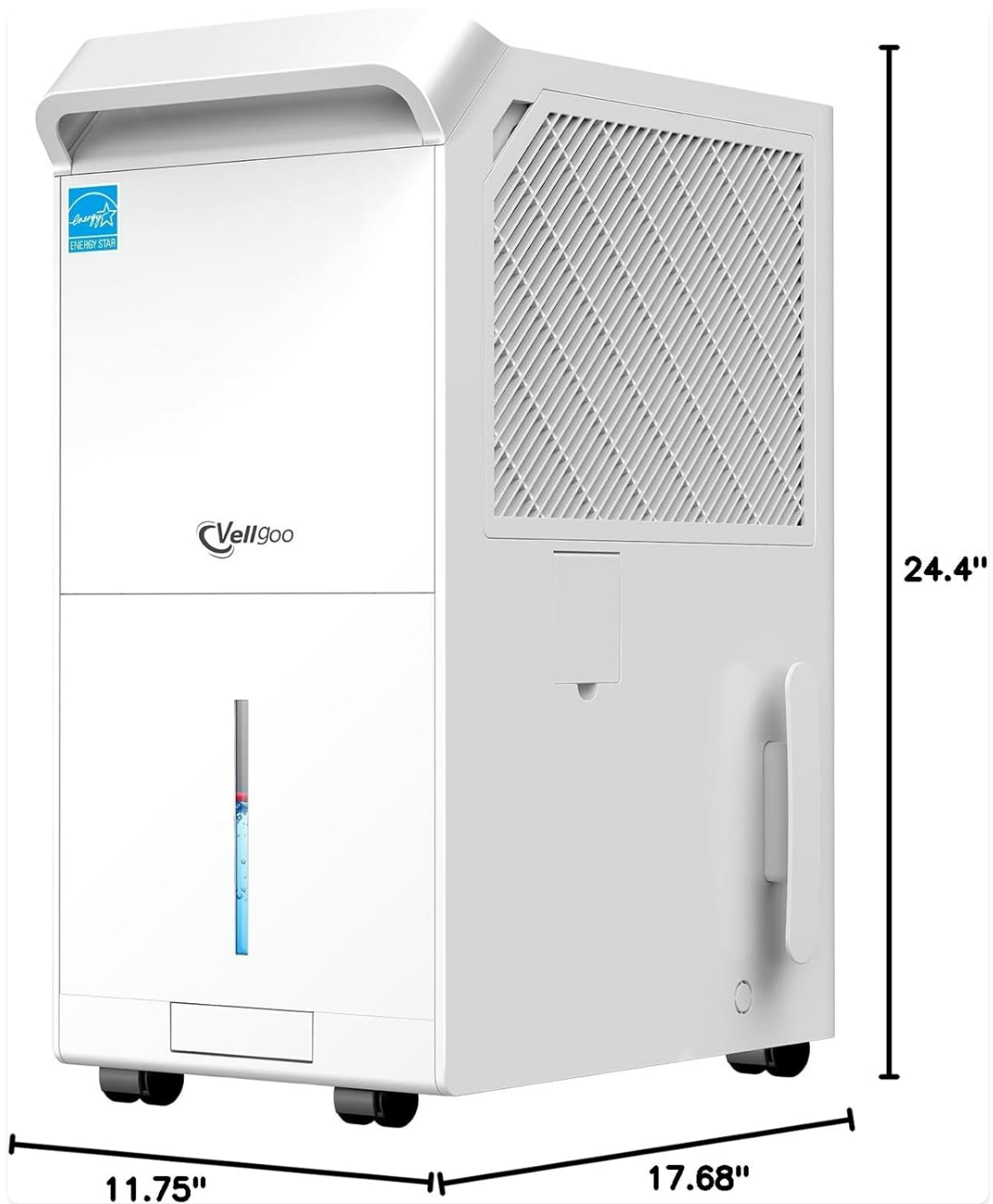


Figure 6: Dehumidifier Dimensions. This image provides a visual representation of the unit's dimensions: 17.68 inches deep, 11.75 inches wide, and 24.4 inches high.

## 8. WARRANTY AND SUPPORT

Vellgoo stands behind its products with comprehensive customer support:

- **Standard Warranty:** 1 year of 24/7 after-sales service.
- **Extended Coverage:** An additional 1-year extended coverage is available when you register your product. No paperwork is needed for registration.
- **Customer Service:** Our team responds to questions within 24 hours on business days.

For any inquiries or support, please refer to the contact information provided in your product

packaging or on the official Vellgoo website.

### **Product Overview Video:**

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Video 3: Vellgoo 5,000 Sq.Ft Energy Star Dehumidifier for Basement. This video provides a general overview of the dehumidifier's features and benefits.