

Yaufey 180 Pint Commercial Dehumidifier

Yaufey 180 Pint Commercial Dehumidifier User Manual

Model: 180 Pint Commercial Dehumidifier

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before operating the dehumidifier. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- This appliance is for commercial and industrial use.
- Always connect the unit to a grounded electrical outlet. Do not use extension cords or adapter plugs.
- 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 tipping.
- Maintain at least 12 inches (30 cm) of clearance around the air inlet and outlet for proper airflow.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning, servicing, or moving it.
- Do not use the dehumidifier near flammable gases or combustible materials.
- Keep children and pets away from the unit during operation.

2. PRODUCT OVERVIEW

The Yaufey 180 Pint Commercial Dehumidifier is designed for efficient moisture removal in large spaces up to 7000 Sq. Ft. It features a robust design with a built-in pump for continuous drainage, a washable filter, and intelligent controls.



Image: The Yaufey 180 Pint Commercial Dehumidifier, a blue and grey unit with wheels and a handle.

Key Features:

- **High Capacity:** Removes up to 180 pints of moisture per day (under 95°F, 90%RH conditions).
- **Large Coverage Area:** Suitable for spaces up to 7000 Sq. Ft.

- **Built-in Pump:** Features an internal pump with a 10ft drainage hose and 15ft vertical drainage height for continuous operation.
- **Intelligent Control:** Equipped with a built-in humidity sensor, humidity display, 24-hour timer, auto defrost, and auto restart.
- **Portability:** Includes a handle bar and 360°-rotatable wheels for easy movement.
- **Washable Filter:** Reusable air filter for simplified maintenance.



Image: Diagram illustrating the continuous drainage outlet, power cord winder, 360-degree rotatable wheels, and handle bar for easy mobility.

3. SETUP AND INSTALLATION

3.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Inspect the unit for any shipping damage. Contact customer support if damage is found.
3. Remove all packing materials and ensure no components are left inside the unit.

3.2 Placement

- Place the dehumidifier on a firm, level surface capable of supporting its weight.
- Ensure there is at least 12 inches (30 cm) of clear space around all sides of the unit for proper air circulation.
- Avoid placing the unit in direct sunlight or near heat sources.
- Do not block the air inlet or outlet.

3.3 Handle Installation

The handle bar may require minor assembly. Refer to the included quick start guide for specific instructions on attaching the handle to the top of the unit.

3.4 Drainage Setup

This dehumidifier features a built-in pump for continuous drainage.

1. Locate the drain hose connection port on the unit.
2. Connect the provided 10ft drainage hose securely to the port.
3. Direct the other end of the hose to a suitable drain location, ensuring it is lower than the unit's pump outlet for gravity drainage, or within 15ft vertical height for pump drainage.
4. Ensure the hose is not kinked or obstructed.



Image: Illustration showing the internal pump and drainage hose connection for continuous water removal.

3.5 Power Connection

Plug the power cord into a grounded 120V/60Hz electrical outlet. Ensure the outlet meets the electrical requirements of the unit.

4. OPERATION

4.1 Control Panel Overview



Image: Close-up view of the dehumidifier's control panel, showing buttons for Pump, Up, Down, Timer, and Power, along with indicators for Defrost, Pump, Timer, and Running, and a digital humidity display.

- **Power Button:** Turns the unit ON or OFF.
- **Up/Down Buttons:** Adjust the desired humidity level or timer settings.
- **Timer Button:** Sets the 24-hour ON/OFF timer.
- **Pump Button:** Activates or deactivates the built-in pump for continuous drainage.
- **Humidity Display:** Shows the current room humidity or desired humidity setting.
- **Defrost Indicator:** Illuminates when the unit is in defrost mode.

- **Running Indicator:** Illuminates when the unit is actively dehumidifying.

4.2 Setting Desired Humidity

1. Press the Power button to turn on the unit.
2. Use the Up or Down buttons to set your desired humidity level (e.g., 40% - 60% relative humidity is generally recommended).
3. The unit will automatically operate to maintain the set humidity level.

4.3 Using the Timer Function

1. **To set Auto-ON:** With the unit OFF, press the Timer button. Use Up/Down to set the desired delay (in hours) for the unit to turn ON.
2. **To set Auto-OFF:** With the unit ON, press the Timer button. Use Up/Down to set the desired delay (in hours) for the unit to turn OFF.
3. The timer indicator will illuminate when the timer is active.

4.4 Auto Defrost

The unit is equipped with an automatic defrost function. If frost builds up on the evaporator coils, the unit will temporarily stop dehumidifying and enter defrost mode. The Defrost indicator will light up. Dehumidification will resume automatically once defrosting is complete.

4.5 Auto Restart

In the event of a power outage, the unit will automatically restart with the previous settings once power is restored.

5. MAINTENANCE

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

5.1 Cleaning the Air Filter

The washable air filter should be cleaned regularly, typically every 2-4 weeks depending on usage and air quality.



Image: Diagram showing how to remove and clean the washable air filter from the dehumidifier.

1. Unplug the dehumidifier from the power outlet.
2. Locate the air filter access panel (usually on the back or side of the unit).
3. Remove the filter.
4. Rinse the filter under running water to remove dust and debris. For heavy dirt, use a mild detergent and soft brush.
5. Allow the filter to air dry completely before reinstalling it.
6. Reinsert the dry filter and close the access panel.

5.2 Cleaning the Unit Exterior

1. Unplug the dehumidifier.
2. Wipe the exterior with a soft, damp cloth.
3. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface.

5.3 Storage

If storing the unit for an extended period:

- Unplug the unit and drain any remaining water from the pump reservoir and hose.
- Clean the air filter and the exterior of the unit.
- Wrap the power cord and secure it using the power cord winder.
- Store the unit upright in a clean, dry place.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power cord not plugged in. Circuit breaker tripped.	Ensure unit is plugged into a live, grounded outlet. Check circuit breaker.
Unit runs but does not remove water.	Room temperature too low (below 41°F/5°C). Humidity setting too high. Air filter clogged.	Ensure room temperature is within operating range. Lower the desired humidity setting. Clean the air filter.
Unit is noisy.	Unit not on a level surface. Air filter clogged.	Place unit on a firm, level surface. Clean the air filter.
Water leaks from the unit.	Drain hose not properly connected or kinked.	Check drain hose connection and ensure it is not kinked or blocked.
Defrost indicator is on.	Unit is in defrost cycle.	This is normal operation. The unit will resume dehumidifying automatically.

7. SPECIFICATIONS

Specification	Value
Brand	Yaufey
Model	180 Pint Commercial Dehumidifier
Capacity	180 pints/day (at 95°F, 90%RH)
Coverage Area	Up to 7000 Sq. Ft.
Item Weight	41 kg
Drainage	Built-in pump with 10ft hose, 15ft vertical lift
Filter Type	Washable Filter
Special Features	24 Hr Timer, Auto Defrost, Auto Restart, Humidity Display, 360° Wheels, Handle Bar
ASIN	B09GF6GZQB

8. WARRANTY AND SUPPORT

Yaufey dehumidifiers are backed by comprehensive support:

- **30-Day Money Back Guarantee:** If you are not satisfied with the product.
- **1-Year Warranty:** Standard warranty coverage.
- **2nd Year Warranty Extension:** Available upon registration or specific conditions.
- **Lifetime Expert Tech Support:** Dedicated technical assistance for the product's lifetime.

For any questions or support needs, please contact Yaufey customer support. We aim to reply within 24 hours to assist with problem resolution.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question