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Equator Advanced Appliances OAC 2000 + DPK 2019

Equator 7000 BTU Outdoor Portable Air Conditioner

User Manual

Model: OAC 2000 + DPK 2019

1. Introduction and Overview

The Equator OAC 2000 + DPK 2019 is a portable outdoor air conditioner designed to provide targeted cooling in various outdoor and semi-outdoor environments. This unit, combined with the included Drip Pan Pump Kit, offers a convenient and efficient solution for maintaining comfortable temperatures and managing condensation. Its robust construction and user-friendly features make it suitable for a range of applications.
Key features include:

- **Powerful Cooling Capacity:** Delivers approximately 7,000 BTUs for effective spot cooling.
- **Durable Design:** Features an anti-rust and anti-corrosion all-metal construction with waterproof internal electronics (IP24 rated).
- **Portability:** Equipped with universal wheels for easy movement and requires no permanent installation.
- **Integrated Drip Pan Kit:** Manages condensation overflow, protecting surrounding areas.
- **Safety Features:** Includes power-off protection, compressor overload protection, and a warning light system.

2. Safety Information

Please read all safety instructions carefully before operating the unit.

- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Do not block the air intake or exhaust vents. Maintain adequate clearance around the unit for proper airflow.
- Connect the unit only to a grounded 110V AC power outlet. Do not use extension cords unless absolutely necessary and ensure they are rated for the unit's power requirements.
- Do not operate the unit with a damaged power cord or plug.
- Keep children and pets away from the unit during operation.
- Although the unit is waterproof (IP24 rated), avoid submerging it in water or directing high-pressure water jets directly at it.
- In case of a malfunction or unusual noise/smell, immediately unplug the unit and contact customer support.
- Always unplug the unit before cleaning or performing any maintenance.

3. Product Features



Powerful Cooling Capacity: The unit features a built-in compressor delivering approximately 7,000 BTUs, capable of quickly cooling a targeted outdoor area by up to 20°F.



Waterproof Design (IP24 Rated): The internal electronic components are waterproof, ensuring safe operation even during heavy downpours when placed outdoors.



Anti-Rust & Anti-Corrosion Metal Design: Constructed with a silver-painted, all-metal exterior designed for longevity and resistance to outdoor elements. Includes a protective cover.



Universal Wheels: Equipped with four universal wheels, allowing for easy and hassle-free movement of the unit to your desired location without requiring fixed installation.

4. Setup

The Equator OAC 2000 is designed for freestanding use and requires no complex installation. Simply unbox the unit and position it where cooling is desired. The included Drip Pan Pump Kit requires a simple assembly.

4.1 Unboxing and Placement

- Carefully remove the air conditioner and all accessories from the packaging.
- Place the unit on a firm, level surface in the area you wish to cool. Ensure there is adequate space around the unit for proper air circulation.
- Adjust the flexible air outlet duct to direct the cool air towards the specific area or individuals.



Image: The Equator portable AC unit and the Drip Pan Pump Kit.

4.2 Drip Pan Pump Kit Installation

The Drip Pan Pump Kit (DPK 2019) is essential for managing condensation when the unit is in operation, especially in humid conditions. Follow these steps for installation:

1. Identify all components of the Drip Pan Pump Kit: the drip pan, the pump, and the clear drainage hose.



Image: Drip Pan Pump Kit components.

2. Place the drip pan directly underneath the air conditioner unit, ensuring it is centered to catch any condensation.
3. Connect one end of the clear drainage hose to the outlet nozzle of the pump.



Image: The Drip Pan Pump.

4. Position the pump inside the drip pan. Ensure the pump's intake is at the lowest point of the pan to effectively collect water.
5. Route the other end of the drainage hose to a suitable drain location, such as a floor drain or a larger collection container. Ensure the hose has a continuous downward slope to prevent water from pooling.
6. Plug the pump's power cord into a separate 110V AC outlet. The pump has an on/off switch for manual control.



Image: Drip Pan Pump Kit fully assembled under the AC unit.

5. Operating Instructions

5.1 Powering On/Off

- Ensure the unit is properly plugged into a grounded 110V AC outlet.

- Locate the power button on the control panel of the unit. Press it once to turn the unit on.
- To turn the unit off, press the power button again.

5.2 Adjusting Airflow

- The unit features a single flexible outlet. Manually adjust the direction of this outlet to point the cool air towards the desired area.

5.3 Drip Pan Pump Operation

- When the air conditioner is operating, condensation will collect in the drip pan.
- Turn on the Drip Pan Pump using its dedicated on/off switch to automatically pump the collected water out through the drainage hose.
- Periodically check the drip pan to ensure the pump is functioning correctly and to prevent overflow if the pump is not in continuous operation.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner.

6.1 Cleaning the Unit

- Before cleaning, always unplug the unit from the power outlet.
- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents.
- Gently clean the air intake and exhaust grilles to remove any dust or debris that may accumulate.

6.2 Drip Pan and Pump Maintenance

- Regularly inspect the drip pan for any buildup of algae or mineral deposits. Clean the pan as needed with mild soap and water.
- Ensure the drainage hose is free from kinks or blockages.
- Check the pump's intake for any debris that might impede its function. Clean if necessary.

7. Troubleshooting

This section addresses common issues you might encounter with your air conditioner.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power-Off Protection activated.	Check if the power cord is securely plugged in. Verify the outlet has power. If Power-Off Protection is active, unplug the unit for a few minutes and then plug it back in.
Red warning light is on.	Internal issue detected; Compressor Over-Load Protection activated.	Unplug the unit immediately. Allow it to cool down for at least 30 minutes. Plug it back in. If the light persists, contact customer support.
Unit is running but not cooling effectively.	Blocked air vents; Unit placed in an excessively large or open area.	Ensure air intake and exhaust vents are clear of obstructions. Reposition the unit closer to the area needing cooling.
Drip pan overflowing.	Pump not running; Drainage hose blocked or kinked.	Ensure the Drip Pan Pump is turned on. Check the drainage hose for any blockages or kinks and clear them.

Problem	Possible Cause	Solution
Unusual noise during operation.	Unit not on a level surface; Internal component issue.	Ensure the unit is on a stable, level surface. If noise persists, unplug the unit and contact customer support.

8. Specifications

Specification	Detail
Brand Name	Equator Advanced Appliances
Model Number	OAC 2000 + DPK 2019
Cooling Power	7000 British Thermal Units (BTU)
Capacity	0.5 Tons
Voltage	110 Volts (AC)
Item Weight	60 Pounds
Product Dimensions (HxWxD)	23 x 19 x 11 inches
Installation Type	Freestanding
Special Features	Casters, Compressor Cooling, IP24 Rated Waterproof, QR Code, Single Flexible Outlet
Color	White
Refrigerant	R-32
Power Source	Corded Electric

9. Warranty and Support

For detailed warranty information and customer support, please refer to the official Equator Advanced Appliances website or scan the QR code located directly on the unit. The QR code provides quick access to the owner's manual, warranty details, and other important resources.
For technical assistance or service inquiries, please contact Equator Advanced Appliances customer support through their official channels.

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