

Argo ORION PLUS

Argoclima Argo Orion Plus Portable Air Conditioner User Manual

Model: ORION PLUS

1. INTRODUCTION

The Argoclima Argo Orion Plus is a versatile portable air conditioner designed to provide comfort throughout the year. Featuring an efficient heat pump, it offers both cooling and heating functionalities, along with ventilation and dehumidification modes. Its contemporary design, highlighted by a glossy front panel, integrates seamlessly into various interior styles. This manual provides essential information for the safe and effective use of your Argo Orion Plus unit.



Figure 1: Front view of the Argo Orion Plus portable air conditioner.

2. PRODUCT FEATURES

- **Four Operating Modes:** Cooling, Heating, Ventilation, and Dehumidification.
- **High Efficiency:** 13000 BTU/h cooling capacity and 10000 BTU/h heating capacity.
- **Energy Class:** 'A' for cooling and 'A+' for heating.
- **Multiple Fan Speeds:** 3 ventilation speeds plus an automatic mode.
- **Motorized Airflow:** Upper flap with wide automatic oscillation for optimal air distribution.
- **Dual Control:** Manage settings via the digital control panel with LED screen or the multi-function remote control.
- **Programmable Timer:** 24-hour digital timer for scheduled on/off operations.
- **Smart Functions:** Swing, Sleep mode, and automatic diagnostic function.
- **Easy Mobility:** Equipped with multi-directional wheels and a practical handle for maximum portability.
- **Eco-friendly Refrigerant:** Uses an ecological refrigerant gas with a very low Global Warming Potential (GWP).



Figure 2: Key features and specifications of the Argo Orion Plus.

3. SETUP AND INSTALLATION

Before operating your Argo Orion Plus, ensure proper setup and installation to maximize efficiency and safety.

3.1 Unpacking

Carefully remove the unit and all accessories from the packaging. Retain the packaging for future storage or transport. Check for any signs of damage during transit.

3.2 Components Included

The package includes:

- Argo Orion Plus Portable Air Conditioner unit
- Flexible exhaust hose
- Window adapter kit for exhaust hose
- Kit for fixed window installation (if applicable)
- Multi-function remote control
- Drainage hose (for continuous drainage in dehumidification mode)



Figure 3: Standard accessories included with the Argo Orion Plus.

3.3 Placement

Place the unit on a flat, stable surface. Ensure there is adequate space around the unit for proper airflow (at least 30 cm from walls or furniture). Position the unit near a window or opening to allow for the exhaust hose installation.



Figure 4: Example placement of the unit in a room.

3.4 Exhaust Hose Installation

1. Attach one end of the flexible exhaust hose to the air outlet on the back of the unit.
2. Connect the other end of the hose to the window adapter.
3. Securely place the window adapter in a partially open window or a pre-installed fixed window kit to vent hot air outside. Ensure the hose is as straight and short as possible to maximize efficiency.

4. OPERATING INSTRUCTIONS

Your Argo Orion Plus offers various modes and settings for optimal climate control.

4.1 Control Panel Overview

The digital control panel on top of the unit allows direct access to all functions. It features an LED display for temperature and mode indicators.





Figure 5: Digital control panel of the Argo Orion Plus.

4.2 Remote Control

The multi-function remote control provides convenient operation from a distance. Ensure batteries are correctly inserted.



Figure 6: Multi-function remote control.

4.3 Operating Modes

- **Cooling Mode (Cool):** Reduces room temperature. Set your desired temperature using the '+' and '-' buttons. The unit will automatically vaporize condensation in this mode.
- **Heating Mode (Heat):** Increases room temperature using the heat pump function. Set your desired temperature.
- **Ventilation Mode (Fan):** Circulates air without cooling or heating. Select from 3 fan speeds (Low, Medium, High) or Auto.
- **Dehumidification Mode (Dry):** Removes excess moisture from the air. In this mode, continuous drainage is possible by connecting the drainage hose.

4.4 Special Functions

- **Timer (24H):** Program the unit to turn on or off automatically within a 24-hour period.
- **Swing:** Activates the automatic oscillation of the upper air flap for wider air distribution.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, often reducing noise levels.
- **Auto-Diagnosis:** The unit can perform self-diagnosis to identify potential issues.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Argo Orion Plus.

5.1 Air Filter Cleaning

The air filter is easily removable for cleaning. A "Filter Reset" indicator on the control panel will remind you when cleaning is due. Clean the filter regularly (e.g., every two weeks, depending on usage) to maintain air quality and unit performance.

1. Turn off and unplug the unit before cleaning.
2. Locate and remove the air filter (typically at the back or side of the unit).
3. Clean the filter with a vacuum cleaner or wash it gently with lukewarm water and mild detergent.
4. Allow the filter to dry completely before reinserting it into the unit.
5. Press the "Filter Reset" button on the control panel or remote control to clear the indicator.

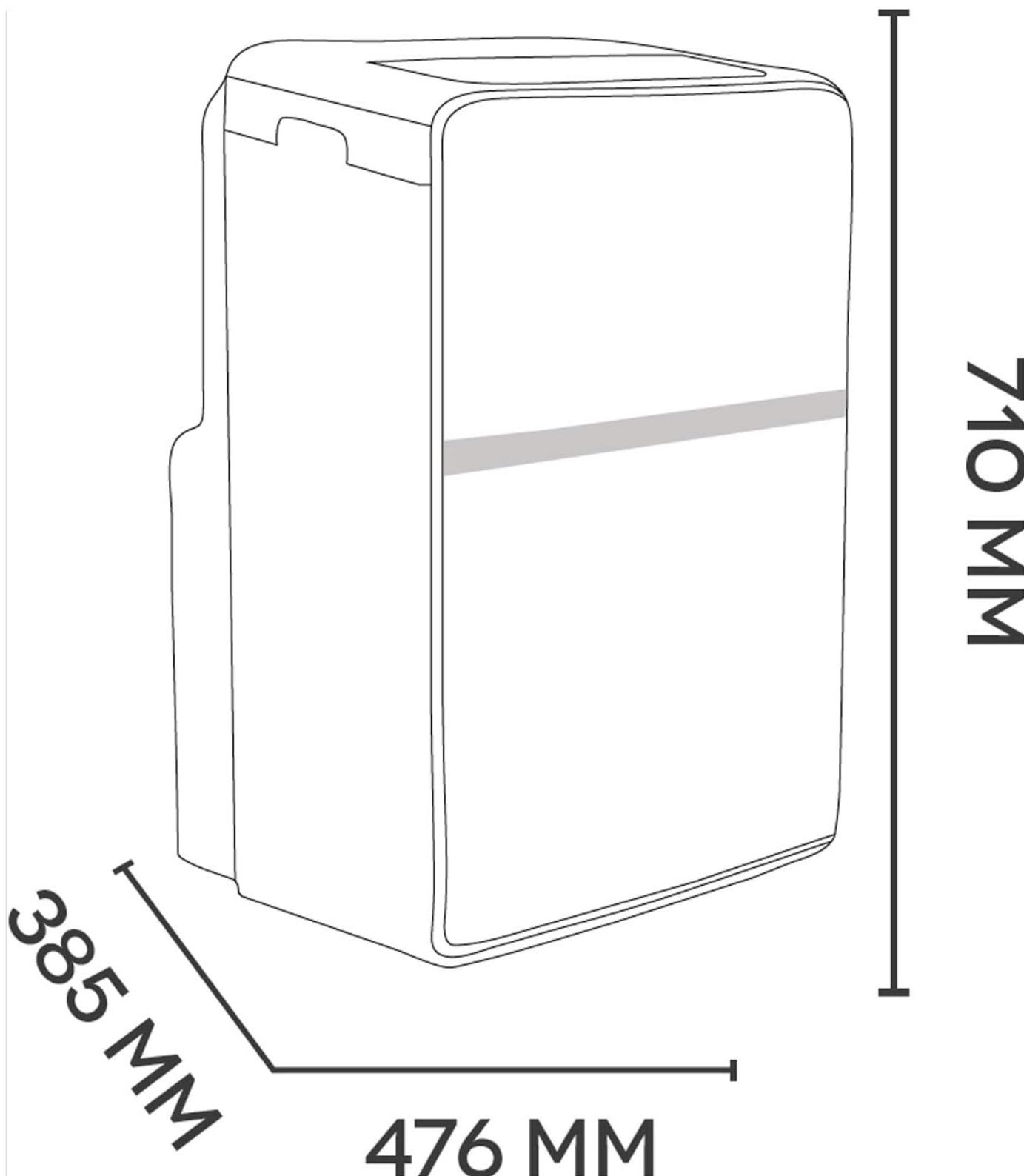


Figure 7: Side view indicating filter access area.

5.2 Condensation Management

In cooling mode, the unit features automatic vaporization of condensation. In dehumidification mode, you have the option for continuous drainage by connecting the provided drainage hose to an external drain.

6. TROUBLESHOOTING

If you encounter issues with your Argo Orion Plus, refer to the following common problems and solutions. For more complex issues, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord unplugged; circuit breaker tripped.	Ensure unit is plugged in; check power outlet; reset circuit breaker.
Insufficient cooling/heating.	Air filter clogged; exhaust hose not properly installed; room too large; windows/doors open.	Clean air filter; check hose connection and seal; ensure room size is within unit capacity; close windows/doors.
Unit is noisy.	Unit not on a flat surface; fan obstruction; normal compressor operation.	Place on a flat surface; check for obstructions; some noise from compressor is normal.
Water leakage.	Drainage hose not properly connected (in dehumidification mode); internal water tank full (if applicable).	Ensure drainage hose is secure; check and empty internal water tank if unit has one (Argo Orion Plus has auto-vaporization in cooling, but check for dehumidification).
Remote control not working.	Batteries dead or incorrectly inserted; obstruction between remote and unit.	Replace batteries; ensure clear line of sight to unit's receiver.

The unit's auto-diagnosis function can help identify specific error codes. Refer to the LED display for any codes and consult the full manual (if available) for their meaning.

7. SPECIFICATIONS

Detailed technical specifications for the Argoclima Argo Orion Plus portable air conditioner.

Specification	Value
Brand	Argo
Model Number	ORION PLUS
Cooling Capacity	13000 BTU/h
Heating Capacity	10000 BTU/h (implied by A+ heat pump)
Energy Efficiency (Cooling)	Class A
Energy Efficiency (Heating)	Class A+
Noise Level	64 dB
Dimensions (L x W x H)	47.6 x 38.5 x 71 cm (18.7 x 15.2 x 28 inches)
Weight	33.5 kg (73.8 lbs)
Voltage	230 Volts
Refrigerant Type	R290 (Ecological, low GWP)
Installation Type	Portable

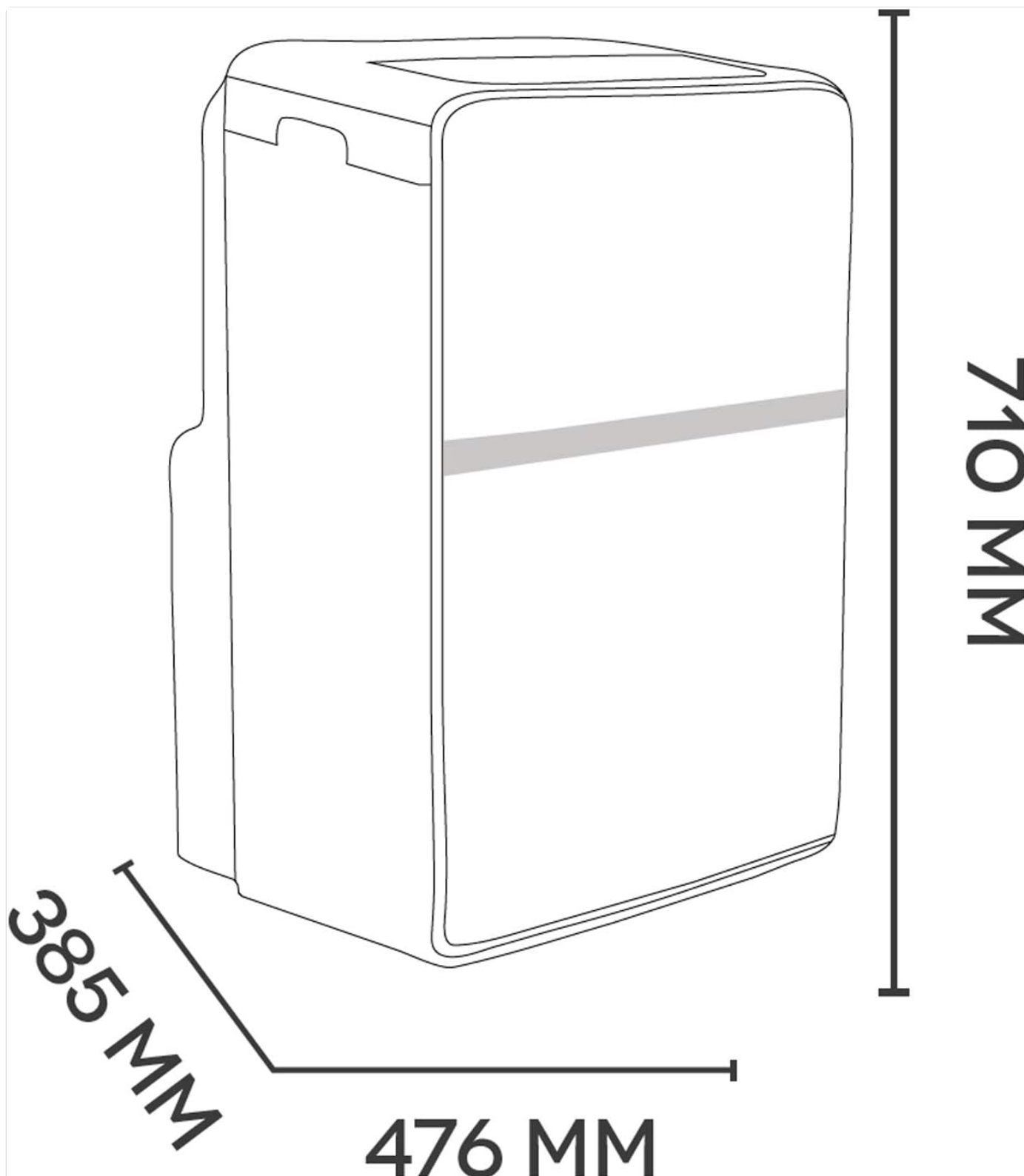


Figure 8: Dimensions of the Argo Orion Plus.






8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase. Warranty terms and conditions may vary by region and retailer.

For technical support, spare parts, or service inquiries, please contact Argoclima customer service. Contact details are typically available on the manufacturer's official website or in the product packaging.

Note: Information regarding spare parts availability was not provided at the time of this manual's creation.

Related Documents - ORION PLUS

	<p>ARGO DELUXE Single Split Air Conditioners R32 - User Manual and Installation Guide</p> <p>This comprehensive guide provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the ARGO DELUXE series single split air conditioners. It covers safety precautions, system components, remote control usage, Wi-Fi connectivity, and technical specifications for models using R32 refrigerant.</p>
	<p>Argo APOLLO Air Conditioner Installation Guide</p> <p>Comprehensive installation instructions for the Argo APOLLO monobloc air conditioner, covering setup, electrical connections, safety precautions, and operating conditions. Includes part descriptions, dimensions, and troubleshooting notes.</p>
	<p>Argo SWAN EVO Portable Air Conditioner: Operating Instructions and Safety Guide</p> <p>Comprehensive guide to operating and maintaining the Argo SWAN EVO portable air conditioner, covering safety precautions, modes, installation, and troubleshooting. Learn about refrigerant R290, remote control functions, and care instructions.</p>
	<p>Argo GENERA (ANGHP) Air/Water Heat Pump User Manual</p> <p>User manual for the Argo GENERA (ANGHP) air/water heat pump, providing essential safety information, installation guidance, operational controls, maintenance procedures, and troubleshooting tips for optimal performance and user safety.</p>
	<p>Termoventilador Cerámico Digital Argo Bobo - Manual de Usuario e Instrucciones de Seguridad</p> <p>Manual de usuario completo para el termoventilador cerámico digital Argo Bobo. Incluye instrucciones de seguridad, guía de operación, mantenimiento, especificaciones técnicas y información de desecho.</p>

User manual for the Argo GENERA (ANGHP) air/water heat pump, providing essential information on installation, safety precautions, operation, maintenance, and troubleshooting. Learn how to safely and efficiently operate your heat pump.