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› ARGO APOLLO 12 HP Ductless Air Conditioner with Heat Pump User Manual

argoclima APOLLO 12HP

ARGO APOLLO 12 HP Ductless Air Conditioner with Heat Pump User Manual

Model: APOLLO 12HP

1. INTRODUCTION

Thank you for choosing the ARGO APOLLO 12 HP Ductless Air Conditioner with Heat Pump. This appliance is designed to provide year-round comfort by offering four essential functions: cooling, heating, dehumidifying, and ventilation. Featuring an integrated Wi-Fi module for smart control and utilizing R32 ecological refrigerant, the APOLLO 12 HP combines efficiency with environmental responsibility. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance of your unit.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. Keep this manual for future reference.

- **Electrical Safety:** Ensure the power supply matches the unit's requirements. Do not use extension cords or adapters. Always unplug the unit before cleaning or maintenance.
- **Installation:** Installation must be performed by qualified personnel in accordance with local electrical and safety codes. Ensure proper ventilation and secure mounting.
- **Refrigerant:** This unit contains R32 refrigerant. Servicing should only be performed by authorized technicians. Do not attempt to repair or modify the refrigerant circuit.
- **Children and Vulnerable Persons:** This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **Ventilation:** Do not block air inlets or outlets. Ensure adequate airflow around the unit.
- **Maintenance:** Only perform maintenance tasks described in this manual. For complex issues, contact qualified service personnel.

3. PRODUCT OVERVIEW

The ARGO APOLLO 12 HP is a compact, wall-mounted ductless air conditioner designed for efficient climate control without an external unit. Its sleek design integrates seamlessly into various indoor environments.



Image: Front view of the ARGO APOLLO 12 HP unit, displaying various feature icons such as 2.4 kW power, cooling, A energy class, heating, ERP compliance, dehumidification, sleep mode, timer, oscillation, remote control, DC inverter, R32 refrigerant, and Wi-Fi connectivity.

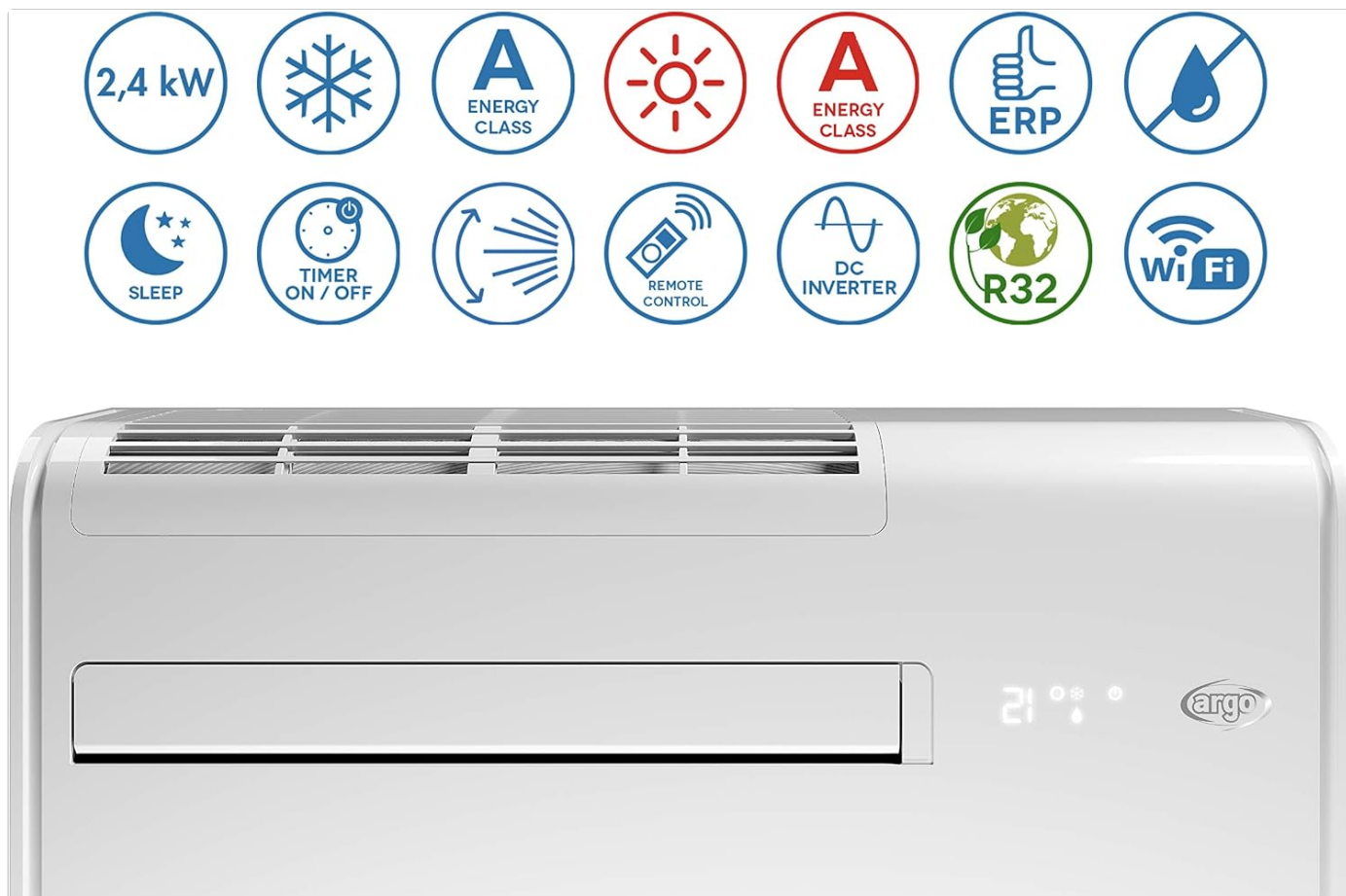


Image: Detailed front view of the ARGO APOLLO 12 HP ductless air conditioner, showing the air outlet grille and control panel display.

Key Features:

- **4-in-1 Functionality:** Cools, heats, dehumidifies, and ventilates for year-round comfort.
- **Ductless Design:** No outdoor unit required, simplifying installation.
- **Smart Control:** Integrated Wi-Fi module allows remote control via a dedicated smartphone application.
- **Eco-friendly Refrigerant:** Uses R32 refrigerant, known for its low global warming impact and high efficiency.
- **Quiet Operation:** Designed for low noise levels, as low as 29 dB.
- **Energy Efficient:** Rated A for energy efficiency in both cooling and heating modes.

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your ARGO APOLLO 12 HP unit. It is recommended that installation be carried out by a qualified technician.

4.1 Placement Considerations

- Choose a wall location that is structurally sound and can support the unit's weight (36 kg).
- Ensure sufficient space around the unit for proper airflow and maintenance access.
- Avoid direct sunlight or heat sources that could affect temperature readings.
- The unit requires two holes (approximately 200mm diameter) through the wall for air intake and exhaust.

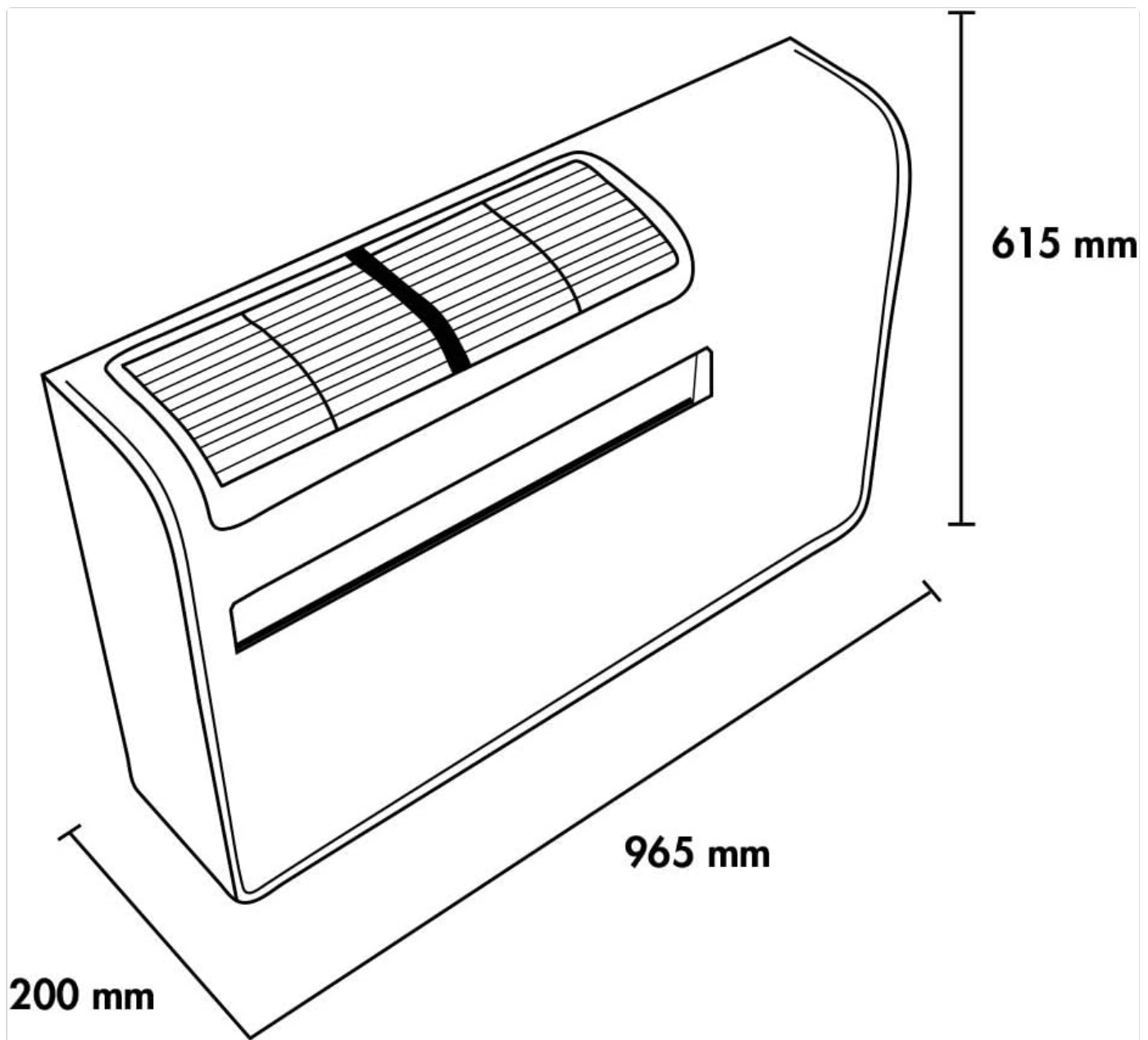


Image: The ARGO APOLLO 12 HP unit mounted on a wall in a modern room with a large window, demonstrating typical placement.

4.2 Dimensions

Refer to the dimensions below for installation planning:



Image: Technical diagram showing the dimensions of the ARGO APOLLO 12 HP unit: 965 mm (length), 200 mm (width), and 615 mm (height).

- **Length:** 96 cm
- **Width:** 20 cm
- **Height:** 61 cm
- **Weight:** 36 kg

5. OPERATING INSTRUCTIONS

Your ARGO APOLLO 12 HP unit can be operated via the control panel on the unit, the included remote control, or through the dedicated smartphone application.

5.1 Basic Operation

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Mode Selection:** Use the 'Mode' button to cycle through Cooling, Heating, Dehumidifying, and Fan modes.
- **Temperature Adjustment:** Use the '+' and '-' buttons to set your desired temperature.
- **Fan Speed:** Adjust the fan speed (Low, Medium, High, Auto) using the 'Fan' button.

5.2 Special Functions

- **Timer:** Set the unit to turn on or off automatically after a specified period.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep while reducing energy consumption.
- **Swing Function:** Activates or deactivates the automatic oscillation of the air deflector for even air distribution.

5.3 Wi-Fi and App Control

The integrated Wi-Fi module allows you to control your ARGO APOLLO 12 HP from anywhere using a dedicated smartphone application. Download the 'argoclima' app from your device's app store and follow the in-app instructions to connect your unit to your home Wi-Fi network.

6. MAINTENANCE

Regular maintenance ensures the efficiency and longevity of your air conditioner. Always unplug the unit from the power supply before performing any maintenance.

6.1 Air Filter Cleaning

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the unit and unplug it from the power outlet.
2. Open the front panel of the unit.
3. Carefully remove the air filter.
4. Clean the filter with a vacuum cleaner or wash it with lukewarm water (below 40°C) and a mild detergent. Rinse thoroughly.
5. Allow the filter to dry completely in a shaded area before reinserting it. Do not expose to direct sunlight.
6. Reinstall the filter and close the front panel.

6.2 Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface.

6.3 Seasonal Storage

If the unit will not be used for an extended period, clean the filters, run the unit in fan-only mode for a few hours to dry the internal components, then unplug it and cover it to protect from dust.

7. TROUBLESHOOTING

Before contacting customer service, please check the following common issues and solutions:

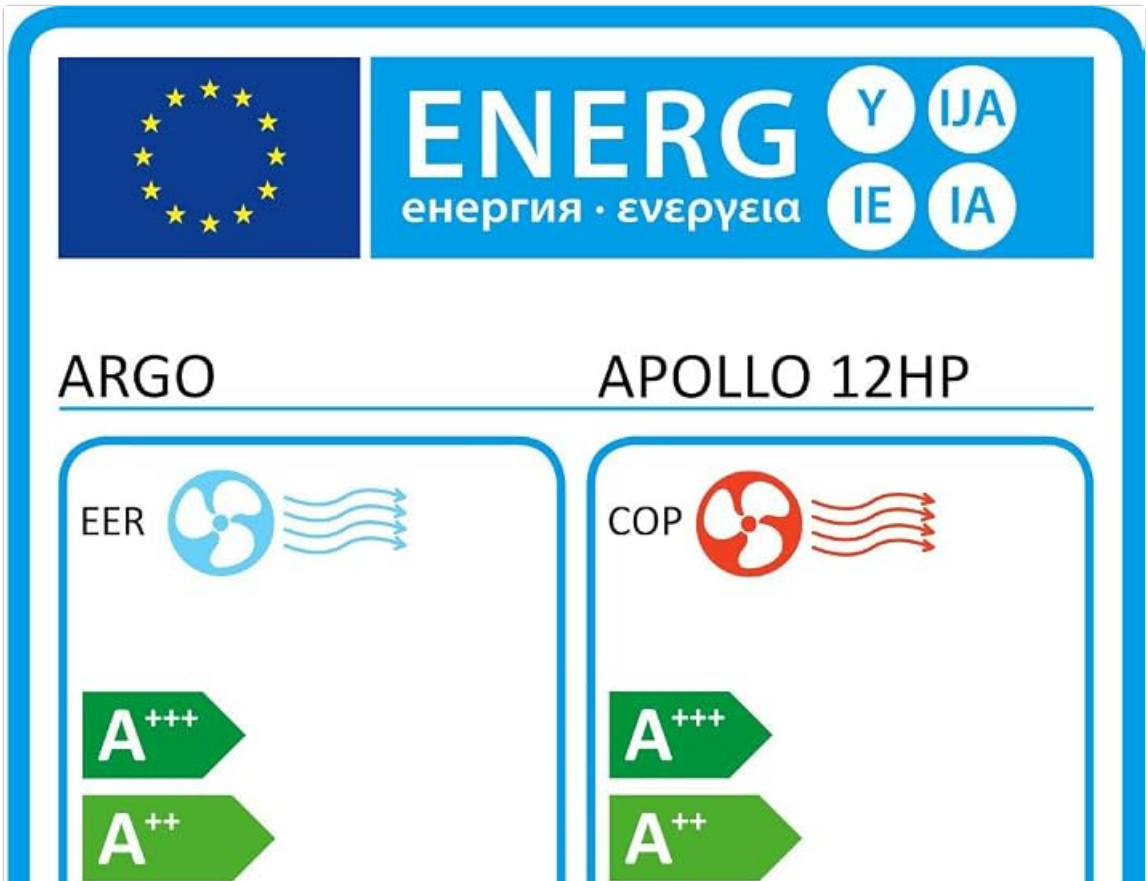
Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord unplugged; Circuit breaker tripped.	Check power connection; Plug in securely; Reset circuit breaker.
Insufficient cooling/heating	Air filter dirty; Doors/windows open; Room too large; Air inlet/outlet blocked.	Clean air filter; Close doors/windows; Ensure unit is appropriate for room size; Clear obstructions.
Unusual noise	Unit not level; Loose parts; Obstruction in fan.	Ensure unit is level; Check for loose components; Remove any obstructions (after unplugging).
Remote control not working	Batteries dead; Obstruction between remote and unit.	Replace batteries; Remove obstructions.

If the problem persists after trying these solutions, please contact customer support.

8. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the ARGO APOLLO 12 HP unit:

Feature	Specification
Brand	argoclima
Model Name	APOLLO 12HP
Product Dimensions (L x W x H)	96 x 20 x 61 cm
Weight	36 Kilograms
Energy Efficiency (Cooling)	A (EER 2.6)
Energy Efficiency (Heating)	A (COP 3.1)
Cooling Power	2.4 KW
Heating Power	2.4 KW
Noise Level	29 - 56 Decibels
Refrigerant	R-32
Filter Type	Air Filter
Power Source	Corded Electric
Form Factor	Ductless (Without outdoor unit)



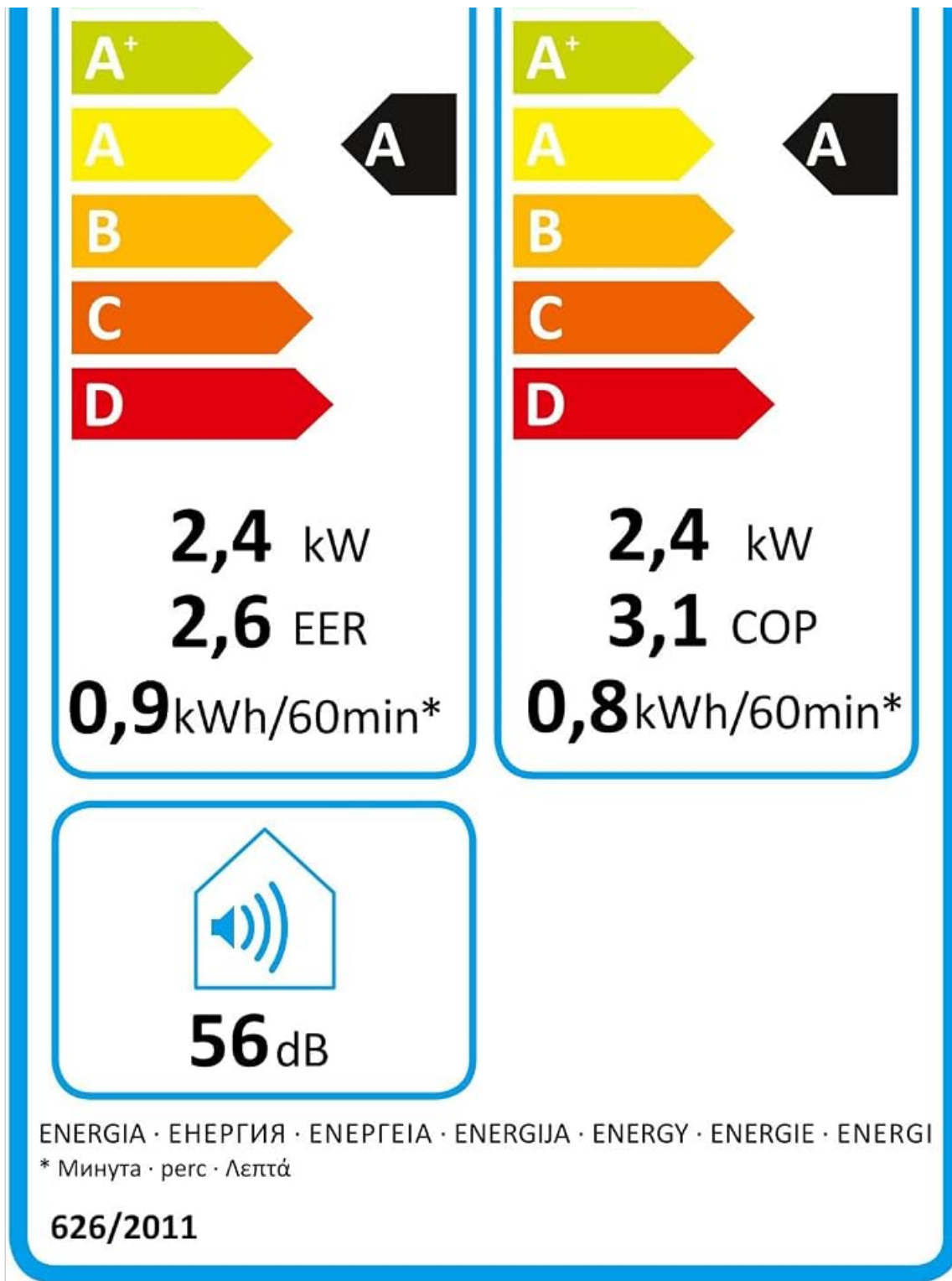


Image: EU Energy Label for ARGO APOLLO 12HP, showing energy efficiency ratings (A for both cooling and heating), power consumption, and noise level (56 dB).

For detailed product information and energy efficiency data, you can visit the EPREL database:

[EPREL Product Information Sheet](#)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The ARGO APOLLO 12 HP comes with a limited warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, service, or spare parts inquiries, please contact argoclima customer support:

- **Website:** www.argoclima.com
- **Email:** marketing@argoclima.com
- **Telephone:** +39 0331 755111
- **Address:** Via Alfeno Varo, 35 - 21020 Alfianello, Italy

