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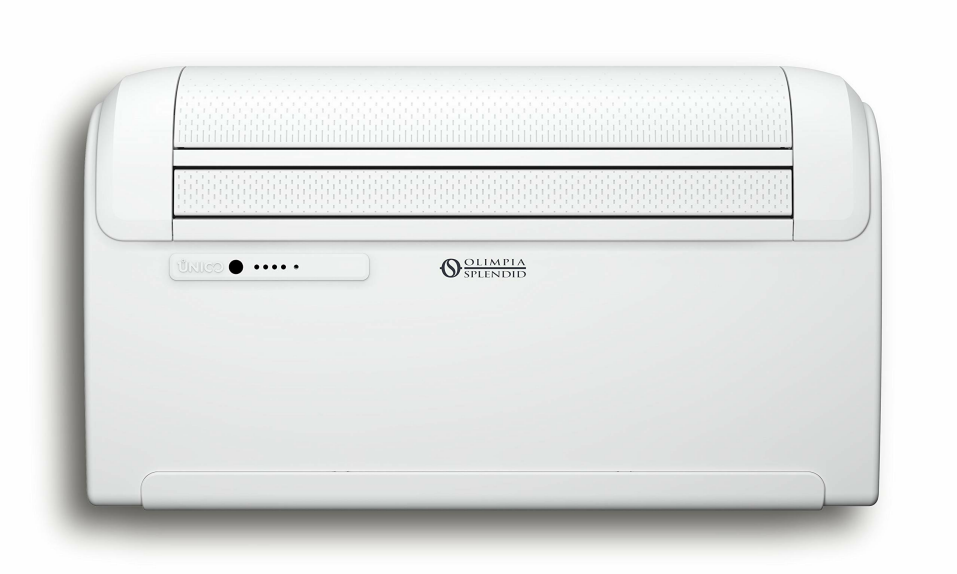
Olimpia Splendid 02120

Olimpia Splendid Unico Art 12 HP CVA Air Conditioner User Manual

Model: 02120 | Brand: Olimpia Splendid

1. Product Overview

The Olimpia Splendid Unico Art 12 HP CVA is an innovative air conditioner designed for heating and cooling without the need for an external unit. This model integrates seamlessly into architectural designs, requiring only two small holes on the exterior wall for operation. It features advanced inverter technology for energy efficiency and a multi-filtering system for improved air quality.



This image shows the Olimpia Splendid Unico Art 12 HP CVA air conditioner mounted on a light-colored wall in a modern living space, demonstrating its compact and integrated design without an external unit.

Designed by the Italian studio Ercoli+Garlandini, the unit features soft lines and a distinctive texture. The HP (Heat Pump) version provides both cooling and heating functionalities, making it suitable for year-round climate control.



The air conditioner is shown installed on a wall in a room featuring a dining table and chairs, highlighting its aesthetic integration into a home environment.

Key Features:

- **Inverter Technology:** Optimizes energy consumption by continuously adjusting motor speed based on temperature.
- **Pure System:** Equipped with a multi-filtering system including an electrostatic filter (anti-dust) and an activated carbon filter (anti-odor).
- **Heat Pump Function:** Provides both heating and cooling, offering a versatile climate control solution.
- **Reclaimed Refrigerant:** Utilizes R410A reclaimed refrigerant gas, contributing to a circular economy.
- **Wi-Fi Ready:** Allows for smart control (requires additional Wi-Fi module).

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2. Safety Information

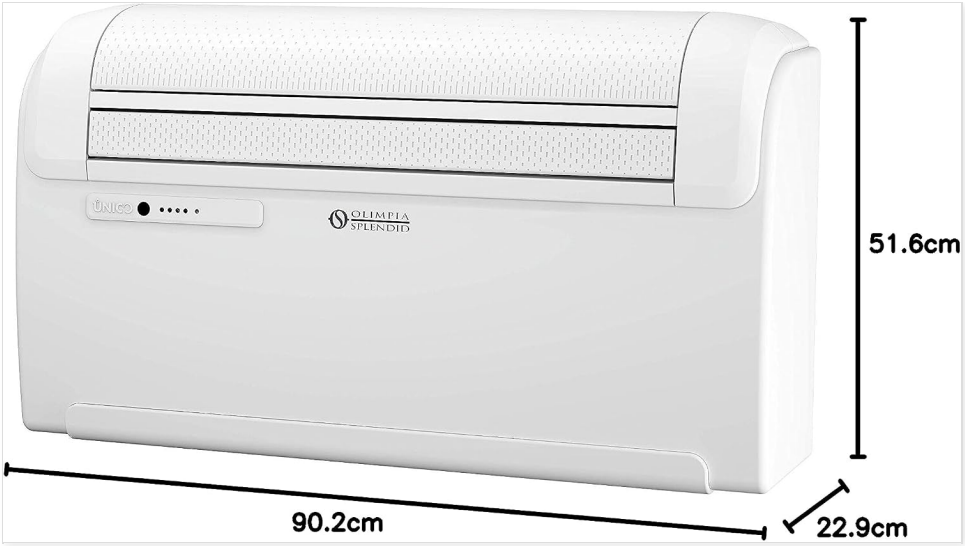
Before installation and operation, please read all safety instructions carefully. Keep this manual for future reference.

- **Professional Installation:** Installation and any work on the refrigeration circuit must be performed by qualified specialists. Do not attempt to disassemble the appliance or perform repairs yourself.
- **Refrigerant Information:** This appliance contains R410A refrigerant, which has a Global Warming Potential (GWP) of 2,088. In the event of a leak, 1 kg of this refrigerant would have 2,088 times greater impact on global warming than 1 kg of CO2 over a hundred years. Ensure proper handling and disposal to prevent environmental harm.
- **Electrical Safety:** Ensure the power supply matches the unit's requirements (230 Volts). Do not operate the unit with damaged cords or plugs.
- **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.

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3. Installation and Setup

The Olimpia Splendid Unico Art 12 HP CVA is designed for window installation or wall mounting, requiring only two holes through the exterior wall for air intake and exhaust. No external unit is needed.



A diagram illustrating the physical dimensions of the Olimpia Splendid Unico Art 12 HP CVA unit: 90.2 cm width, 51.6 cm height, and 22.9 cm depth. These dimensions are crucial for planning the installation space.

Installation Steps (Professional Installation Recommended):

1. **Site Selection:** Choose a suitable wall location, ensuring adequate space around the unit for air circulation and maintenance. Consider the unit's dimensions (90.2W x 50.6H x 22.9D cm).
2. **Drilling Holes:** Create two circular openings (typically 160-200mm diameter) through the exterior wall for air ducts. These holes should be positioned according to the installation template provided with the unit.
3. **Mounting the Unit:** Securely mount the indoor unit to the wall using the provided brackets and hardware. Ensure it is level and stable.
4. **Duct Connection:** Connect the air ducts from the unit to the exterior wall openings.
5. **Condensate Drain:** Install the condensate drain pipe, ensuring it has a slight slope for proper water drainage.
6. **Electrical Connection:** Connect the unit to a dedicated power outlet (230V). This step should be performed by a qualified electrician.
7. **Initial Power-On:** Once all connections are secure, power on the unit and perform an initial test run to check for proper operation.

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4. Operating Instructions

The Unico Art 12 HP CVA can be controlled via the included multifunction remote control or through a compatible app (with optional Wi-Fi module).

Operating Modes:

- **Cooling Mode:** Reduces room temperature to the desired setting.
- **Heating Mode (HP only):** Increases room temperature. Can supplement or replace traditional heating in milder seasons.
- **Dehumidification Mode:** Reduces humidity levels in the room without significant temperature change.
- **Ventilation Mode:** Circulates air without heating or cooling.

Special Functions:

- **Economy Function:** Automatically optimizes machine performance to save energy.
- **Auto Function:** Modulates operating parameters based on the current room temperature to maintain comfort.

- **Sleep Function:** Gradually increases the set temperature and reduces noise levels for enhanced comfort during sleep.
- **24 H Timer:** Allows scheduling of unit operation for specific times.

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5. Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner. Always disconnect the power supply before performing any maintenance.

Filter System:

The unit is equipped with a multi-filtering system:

- **Electrostatic Filter:** Captures dust and large particles.
- **Activated Carbon Filter:** Effective against unpleasant odors.

Cleaning Instructions:

1. **Filter Cleaning:** The filters should be cleaned regularly, typically every two weeks or more frequently depending on usage and air quality.
2. **Access Filters:** Open the front panel of the unit to access the filters.
3. **Remove Filters:** Carefully remove the electrostatic and activated carbon filters.
4. **Clean Electrostatic Filter:** Wash the electrostatic filter with lukewarm water and a mild detergent. Rinse thoroughly and allow it to dry completely before reinstallation.
5. **Clean Activated Carbon Filter:** The activated carbon filter can be gently vacuumed to remove loose particles. It should be replaced periodically as per manufacturer recommendations (typically every 3-6 months).
6. **Reinstall Filters:** Once dry and clean, carefully reinsert the filters into their respective slots and close the front panel.
7. **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

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6. Troubleshooting

If you encounter issues with your air conditioner, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

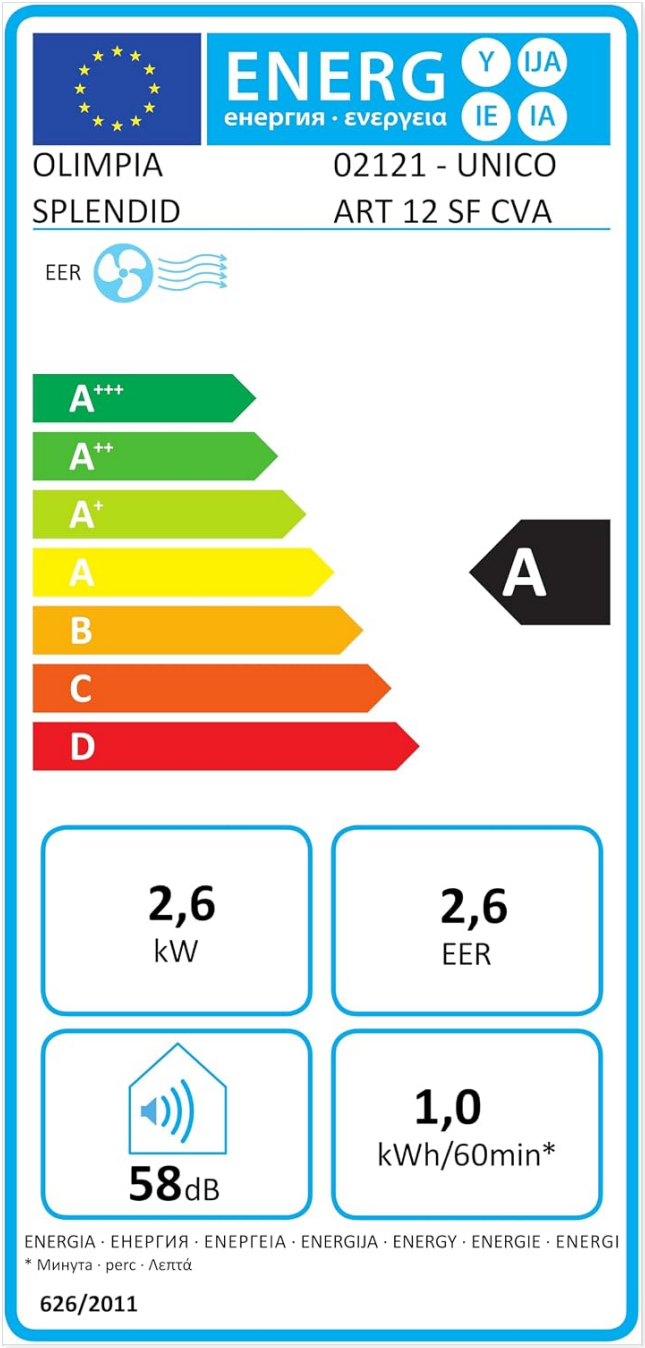
Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord unplugged; Circuit breaker tripped	Check power connection; Plug in power cord securely; Reset circuit breaker
Insufficient cooling/heating	Dirty filters; Blocked air intake/exhaust; Incorrect mode selected; Room size exceeds capacity	Clean or replace filters; Clear obstructions; Select correct mode; Ensure unit is appropriate for room size
Unusual noise	Loose parts; Unit not level; Foreign object inside	Check for loose components; Ensure unit is level; Contact service if object cannot be safely removed

Problem	Possible Cause	Solution
Remote control not working	Dead batteries; Obstruction between remote and unit	Replace batteries; Remove obstructions; Ensure remote is pointed at the unit's receiver
Water leakage	Blocked condensate drain; Unit not level	Clear drain pipe; Adjust unit to be level

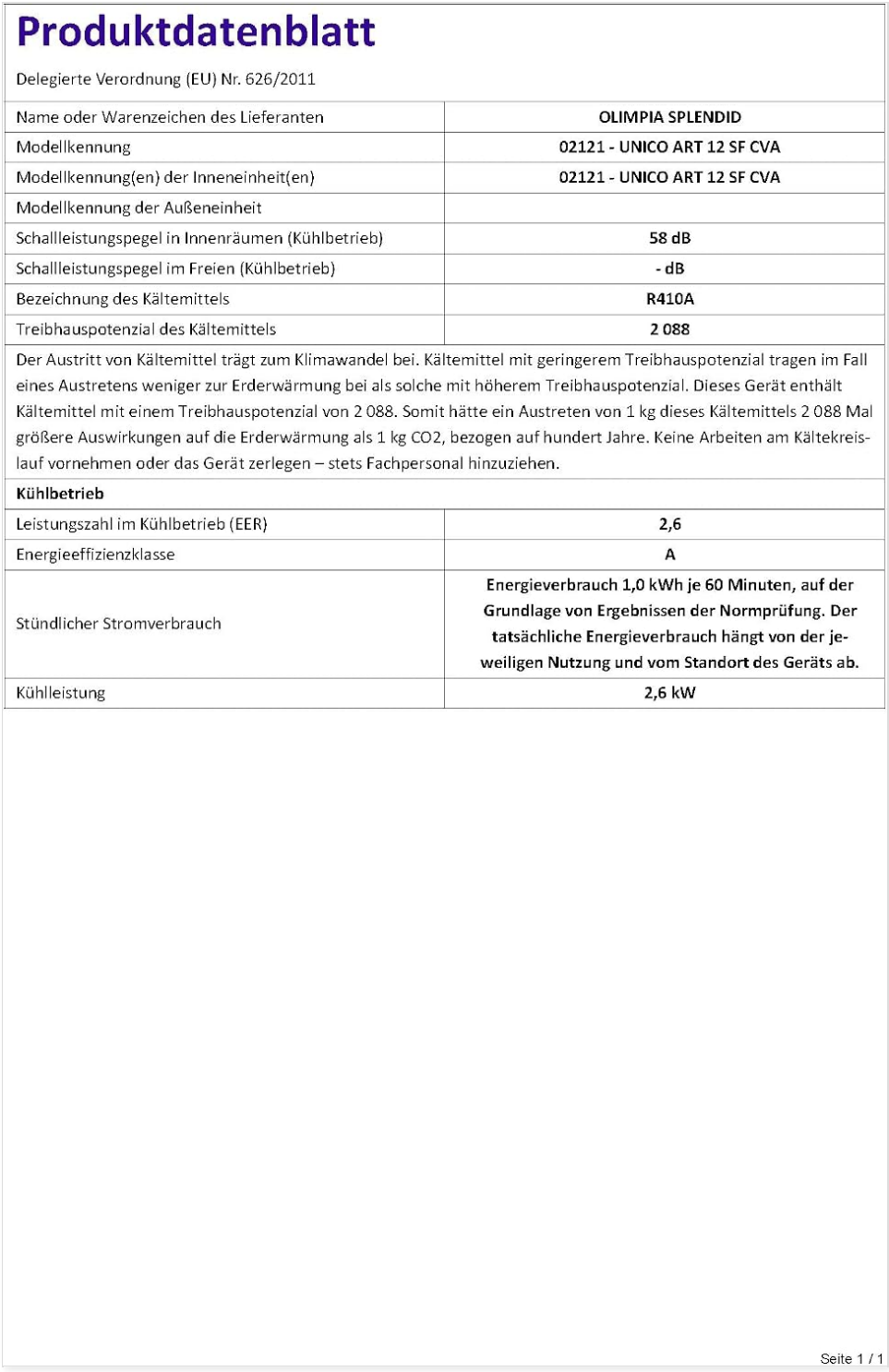
7. Technical Specifications

Below are the key technical specifications for the Olimpia Splendid Unico Art 12 HP CVA (Model 02120):

Feature	Specification
Model Name	Olimpia Splendid Unico Art 12 HP CVA
Model Number	02120
Cooling Power	2.6 Kilowatts
Heating Power	2.4 Kilowatts
Voltage	230 Volts
Noise Level (Indoor)	58 Decibels
Refrigerant	R-410A
Product Dimensions (D x W x H)	22.9D x 90.2W x 50.6H centimetres
Item Weight	40 Kilograms
Energy Efficiency Class	A
Filter Type	Electrostatic filter, Activated carbon filter
Control Method	Remote Control, App (with optional module)
Is Outdoor Unit Required	No



The EU energy label for the Olimpia Splendid Unico Art 12 HP CVA, indicating an energy efficiency class of A, cooling capacity of 2.6 kW, EER of 2.6, indoor noise level of 58 dB, and energy consumption of 1.0 kWh/60min.



Produktdatenblatt

Delegierte Verordnung (EU) Nr. 626/2011

Name oder Warenzeichen des Lieferanten	**OLIMPIA SPLENDID**
Modellkennung	**02121 - UNICO ART 12 SF CVA**
Modellkennung(en) der Inneneinheit(en)	**02121 - UNICO ART 12 SF CVA**
Modellkennung der Außeneinheit	
Schallleistungspegel in Innenräumen (Kühlbetrieb)	**58 dB**
Schallleistungspegel im Freien (Kühlbetrieb)	**- dB**
Bezeichnung des Kältemittels	**R410A**
Treibhauspotenzial des Kältemittels	**2 088**
Der Austritt von Kältemittel trägt zum Klimawandel bei. Kältemittel mit geringerem Treibhauspotenzial tragen im Fall eines Austretens weniger zur Erderwärmung bei als solche mit höherem Treibhauspotenzial. Dieses Gerät enthält Kältemittel mit einem Treibhauspotenzial von 2 088. Somit hätte ein Austreten von 1 kg dieses Kältemittels 2 088 Mal größere Auswirkungen auf die Erderwärmung als 1 kg CO2, bezogen auf hundert Jahre. Keine Arbeiten am Kältekreislauf vornehmen oder das Gerät zerlegen – stets Fachpersonal hinzuziehen.	
Kühlbetrieb	
Leistungszahl im Kühlbetrieb (EER)	**2,6**
Energieeffizienzklasse	**A**
Stündlicher Stromverbrauch	**Energieverbrauch 1,0 kWh je 60 Minuten, auf der Grundlage von Ergebnissen der Normprüfung. Der tatsächliche Energieverbrauch hängt von der jeweiligen Nutzung und vom Standort des Geräts ab.**
Kühlleistung	**2,6 kW**

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A detailed product data sheet, providing additional technical specifications and environmental information regarding the refrigerant.

8. Warranty and Support

Olimpia Splendid is committed to providing quality products and customer satisfaction.

Warranty Information:

- **EU Spare Part Availability:** Spare parts for this product are available for a duration of 7 years from the date of purchase.
- Refer to your purchase documentation for specific warranty terms and conditions applicable to your region.

Customer Support:

- For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Olimpia Splendid customer service.
- Contact details can typically be found on the manufacturer's official website or in the packaging materials.

Ask a question about this manual

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

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