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> Klarstein Kraftwerk Smart Mobile Air Conditioner User Manual

KLARSTEIN ACO15-9500-10k W

Klarstein Kraftwerk Smart Mobile Air Conditioner User Manual

Model: ACO15-9500-10k W

Brand: KLARSTEIN

1. INTRODUCTION

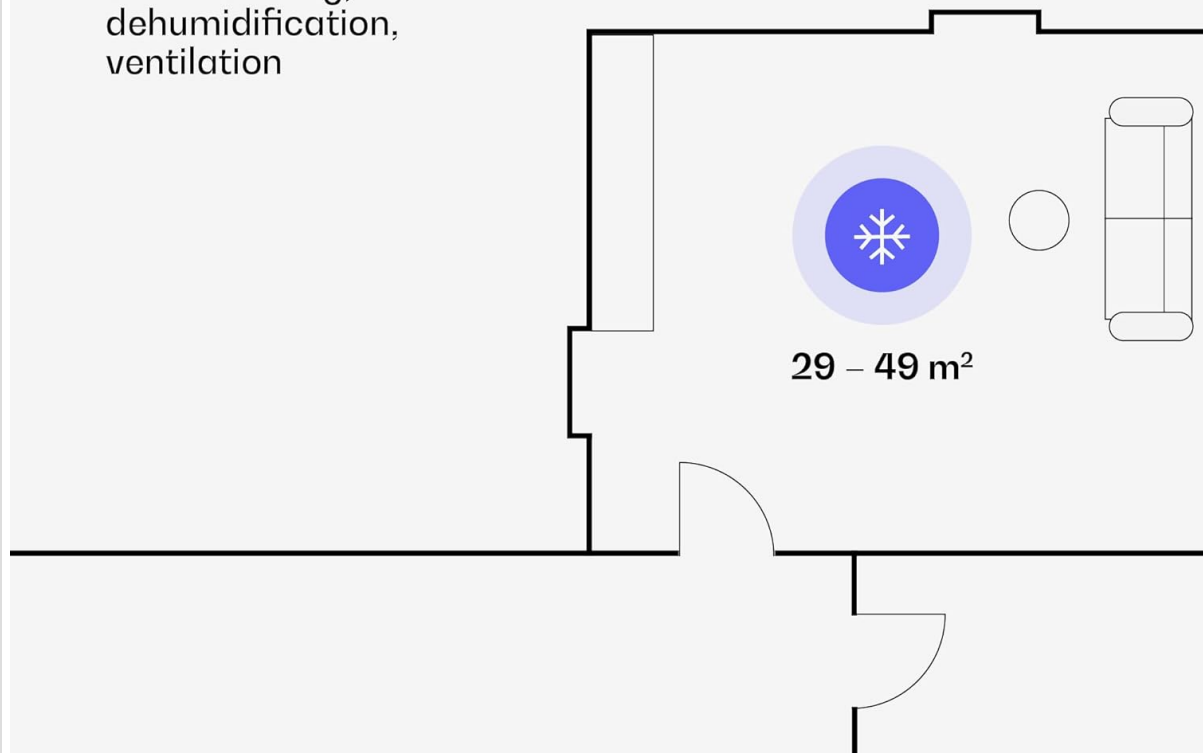
Thank you for choosing the Klarstein Kraftwerk Smart Mobile Air Conditioner. This 3-in-1 unit provides cooling, dehumidification, and ventilation, ensuring a comfortable environment in your living or working spaces. This manual provides essential information for safe operation, installation, maintenance, and troubleshooting.

Powerful



Effective cooling capacity
with 10.000 BTU (2.9 kW)
and energy efficiency
class A

3-in-1: Cooling,
dehumidification,
ventilation



This diagram illustrates the effective cooling capacity of the Klarstein Kraftwerk Smart Mobile Air Conditioner, covering an area of approximately 29 to 49 square meters with 10,000 BTU (2.9 kW) cooling power and an energy efficiency class A rating. It highlights the unit's 3-in-1 functionality: cooling, dehumidification, and ventilation.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the appliance. Keep this manual for future reference.

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets.
- Do not insert objects into the air outlets.
- Always unplug the unit before cleaning or servicing.
- This appliance uses R290 refrigerant. Do not attempt to interfere with the refrigerant circuit.
- Keep the appliance away from heat sources and direct sunlight.
- Ensure the unit is placed on a flat, stable surface.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition:

- 1 x Klarstein Kraftwerk Smart Mobile Air Conditioner
- 1 x Remote Control
- 1 x Window Sealing Set for bottom hung windows
- 1 x Exhaust Hose including connectors
- 1 x Water Drain Hose
- 1 x User Manual (English, German)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your air conditioner.



This image shows the Klarstein Kraftwerk Smart Mobile Air Conditioner from the front, highlighting its sleek white design and the main air outlet. A smartphone displaying the Klarstein control app is positioned next to the unit, emphasizing its smart control capabilities.


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This diagram provides the physical dimensions of the air conditioner: approximately 35.5 cm (W) x 82.2 cm (H) x 38 cm (D), which is useful for planning placement.

5. SETUP

5.1 Placement

Place the air conditioner on a flat, stable surface near a window or door for exhaust hose installation. Ensure there is at least 30 cm of space around the unit for proper airflow.

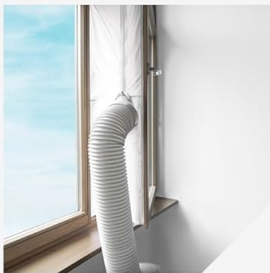
5.2 Exhaust Hose Installation

1. Attach the exhaust hose connectors to both ends of the exhaust hose.
2. Connect one end of the hose to the air outlet on the back of the unit.
3. Extend the other end of the hose to the nearest window or door opening.

Quick installation thanks to window kit


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Window sealing set and flexible exhaust air hose included



This image demonstrates the quick installation process, showing the exhaust hose connected to the back of the unit and extending through a window, secured by the included window sealing kit. This setup ensures efficient removal of hot air.

5.3 Window Sealing Kit Installation

The included window sealing set is designed for bottom-hung windows to prevent hot air from re-entering the room. Follow the instructions provided with the sealing kit for proper installation around the exhaust hose.

5.4 Drainage Setup

For continuous drainage, connect the water drain hose to the drainage port on the unit and route it to a suitable drain or container. This is especially recommended when using the dehumidification function for extended periods.

6. OPERATION

6.1 Control Panel

The control panel on top of the unit allows for direct manual control. It typically includes buttons for Power, Mode selection, Fan Speed, Temperature adjustment, and Timer.

6.2 Remote Control

The remote control provides convenient operation from a distance. Insert 1 x CR2032 battery (not included) into the remote before use. The remote offers similar functions to the control panel, including On/Off, Mode, Fan Speed, Temperature, and Timer settings.



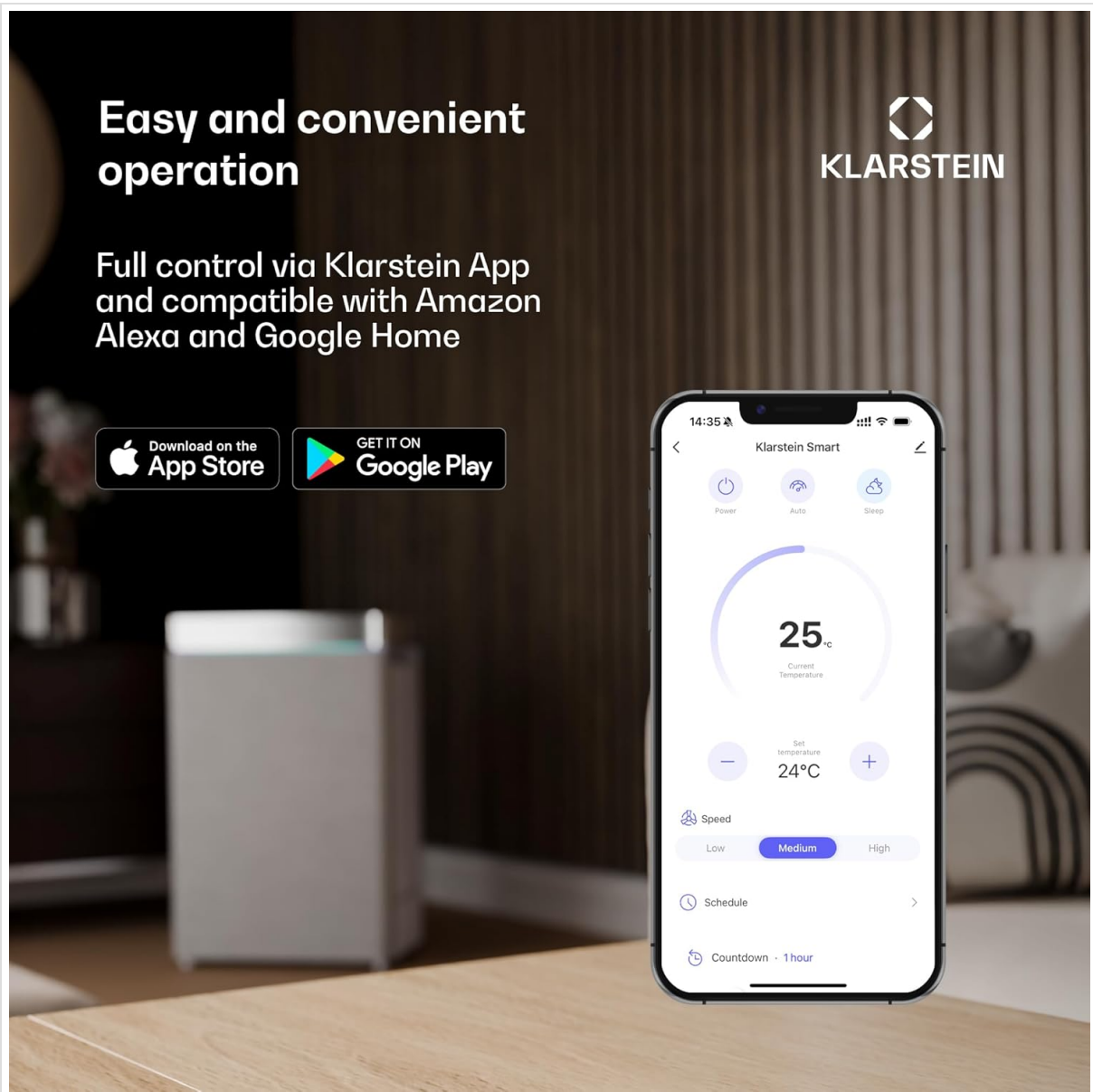
This image displays the Klarstein Kraftwerk Smart Mobile Air Conditioner alongside its dedicated remote control and a smartphone running the Klarstein app, illustrating the multiple convenient ways to operate the unit.

6.3 App Control (WiFi)

The Klarstein Kraftwerk Smart can be controlled via the Klarstein app on your smartphone, compatible with Amazon Alexa and Google Home. This allows for advanced control and scheduling.

1. Download the "Klarstein" app from the App Store (iOS) or Google Play Store (Android).
2. Ensure your mobile device is connected to a 2.4 GHz Wi-Fi network.

3. Follow the in-app instructions to pair your air conditioner with the app.



This image shows the user-friendly interface of the Klarstein app on a smartphone, demonstrating how to easily control the air conditioner's functions such as power, mode, temperature, fan speed, and scheduling, offering convenient operation from anywhere.

6.4 Operating Modes

- **Cooling Mode:** Cools the room to the set temperature (18-32°C).
- **Dehumidification Mode:** Removes excess moisture from the air (23 l/h capacity).
- **Ventilation Mode:** Circulates air without cooling or heating, with adjustable fan speeds (low/medium/high).

6.5 Timer Function

The programmable timer allows you to set the unit to turn on or off automatically within a 24-hour period, in 1-hour steps.

7. MAINTENANCE

7.1 Cleaning the Air Filter

Regularly clean the air filter (every two weeks or more often depending on usage) to maintain optimal performance and air quality. Refer to the specific instructions in the full manual for filter removal and cleaning.

7.2 Draining Water

If not using continuous drainage, the internal water tank will fill up. The unit will indicate when it needs to be drained. Turn off the unit, unplug it, and carefully drain the water from the drainage port into a suitable container.

7.3 Storage

Before storing the unit for an extended period, ensure it is completely drained of water, the filter is clean, and the unit is dry. Store it in a cool, dry place, preferably in its original packaging.

8. TROUBLESHOOTING

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

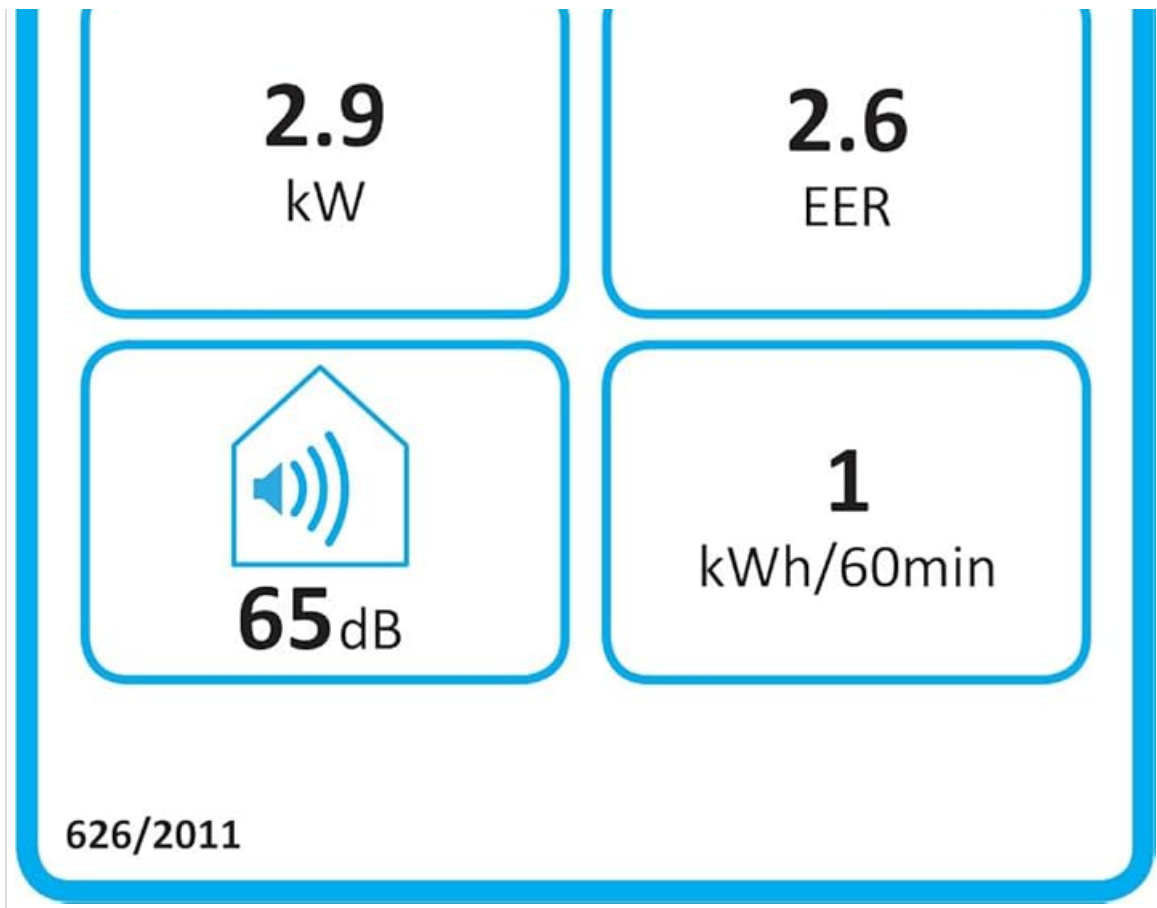
Problem	Possible Cause	Solution
Unit does not turn on	No power, power cord loose, full water tank	Check power connection, plug in firmly, drain water tank
No cooling	Door/window open, air filter dirty, exhaust hose blocked	Close doors/windows, clean air filter, check exhaust hose for kinks/blockages
Unit is noisy	Unit not on a flat surface, fan speed too high	Place on a flat surface, reduce fan speed
Remote control not working	Battery dead or incorrectly inserted	Replace battery (CR2032), ensure correct polarity
App connection issues	Incorrect Wi-Fi password, 5GHz network, distance from router	Verify password, ensure 2.4GHz Wi-Fi, move closer to router, restart unit/router

9. SPECIFICATIONS

Feature	Detail
Model	ACO15-9500-10k W (1927)
Cooling Capacity	10,000 BTU (2.9 kW)
Energy Efficiency Class	A
Effective Area	Approx. 29 - 49 m ²
Max. Air Flow Fan	440 m ³ /h
Dehumidification Performance	23 l/h
Noise Level	48 dB (min) / 65 dB (max)

Feature	Detail
Temperature Range	18 - 32 °C
Nominal Power Consumption	1120 Watts
Refrigerant	R290
Power Supply	220 - 240 V ~ 50 Hz
Dimensions (WxHxD)	Approx. 35.5 x 82.2 x 38 cm
Weight	Approx. 26 kg
Max. Exhaust Pipe Length	Approx. 1.5 m

The image shows a blue energy label for a Klarstein device. At the top left is the Union Jack flag. To its right, the word "ENERGY" is written in large white letters on a blue background. Below this, the model number "10034666" and the brand name "klarstein" are displayed. Underneath, the acronym "EER" is shown next to a fan icon and three wavy lines representing airflow. The main part of the label features a vertical scale of energy efficiency classes, each represented by a colored arrow pointing to the right: A+++ (dark green), A++ (medium green), A+ (light green), A (yellow), B (orange), C (dark orange), and D (red). To the right of this scale, a black arrow-shaped icon points to the left, containing the letter "A", indicating the device's energy efficiency class.



This image displays the energy efficiency label for the Klarstein Kraftwerk Smart Mobile Air Conditioner, confirming its Class A energy rating, 2.9 kW cooling capacity, 2.6 EER, and a maximum noise level of 65 dB.

Product fiche

Delegated Regulation (EU) 626/2011

Supplier name or trademark	Klarstein
Model identifier	10034666
Indoor Model Identifier(s)	FGA-1081
Outdoor Model Identifier	FGA-1081
Inside sound power levels (Cooling mode)	65 dB
Outside sound power levels (Cooling mode)	65 dB
Refrigerant Name	R290
Refrigerant GWP	3
Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 3. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 3 times higher than 1 kg of CO ₂ , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.	
Cooling Mode	
Energy Efficiency Ratio (EER)	2,6
Energy Efficiency Class	A
Hourly electricity consumption	Energy consumption 1,0 kWh per 60 minutes, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
Cooling capacity	2,9 kW

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This image presents the product fiche, providing detailed technical specifications including supplier name, model identifier, sound power levels, refrigerant type (R290), and energy efficiency data for cooling mode.

10. WARRANTY AND SUPPORT

KLARSTEIN products are manufactured with high-quality materials and undergo strict quality control. For warranty information and support, please refer to the warranty card included with your product or visit the official KLARSTEIN website. Keep your proof of purchase for any warranty claims.

For further assistance, you may contact KLARSTEIN customer service through their official channels. Please have your model number (ACO15-9500-10k W) and purchase date ready.