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CLIVET Cristal

Clivet Cristal Dual Split Air Conditioner User Manual

Model: Cristal | Brand: CLIVET

1. PRODUCT OVERVIEW

The Clivet Cristal Dual Split Air Conditioner system is designed to provide efficient cooling and heating for two separate indoor areas using a single outdoor unit. This model features Inverter technology for energy efficiency and includes Wi-Fi connectivity for smart control. The indoor units are designed with a modern, flat, and linear aesthetic with soft curves, making them suitable for various interior designs.

Key features include a high-density filter to capture fine dust and a cold catalyst filter to retain volatile organic compounds and odors, ensuring cleaner air quality.



This image displays the complete Clivet Cristal Dual Split Air Conditioner system. It features two sleek, white indoor units, typically mounted on a wall, and a single, compact outdoor condenser unit with a protective grille over its fan. The Clivet logo is visible on all components.

2. SAFETY INFORMATION

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel.
- **Electrical Safety:** Ensure the power supply matches the unit's requirements. Do not use damaged power cords or plugs. Always disconnect power before cleaning or servicing.
- **Refrigerant:** This unit contains refrigerant. Do not attempt to service the refrigerant circuit yourself.
- **Ventilation:** Ensure proper ventilation around the outdoor unit.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Flammable Materials:** Do not place flammable materials near the unit.

3. PACKAGE CONTENTS

Your Clivet Cristal Dual Split Air Conditioner package typically includes:

- Two (2) Clivet Cristal Indoor Units (12000 BTU each)
- One (1) Clivet Outdoor Unit (5.4 kW)
- Two (2) Remote Controls
- User Manual and Installation Guide
- Mounting Brackets and Accessories (may vary by package)

4. SETUP AND INSTALLATION

Installation of a split air conditioning system requires specialized tools and knowledge. It is strongly recommended that installation be performed by a certified HVAC professional to ensure proper functioning, safety, and compliance with local regulations.

Key Installation Steps (Overview for Professional):

1. **Site Selection:** Choose appropriate locations for both indoor and outdoor units, considering air circulation, drainage, and structural support.
2. **Mounting Indoor Units:** Securely mount indoor units on the wall, ensuring they are level.
3. **Mounting Outdoor Unit:** Install the outdoor unit on a stable, level surface or wall bracket, ensuring adequate clearance for airflow.
4. **Refrigerant Piping:** Connect the refrigerant lines between the indoor and outdoor units. Ensure proper flaring and leak testing.
5. **Drainage:** Install condensate drain lines for indoor units, ensuring proper slope for water flow.
6. **Electrical Wiring:** Connect the power supply and communication wiring according to the wiring diagram provided in the detailed installation manual.
7. **Vacuuming and Charging:** Evacuate the refrigerant lines to remove air and moisture, then charge the system with the correct amount of refrigerant if necessary.
8. **Test Run:** Perform a test run to verify proper operation, check for leaks, and confirm cooling/heating performance.

5. OPERATING INSTRUCTIONS

The Clivet Cristal system can be operated via the included remote control or through a Wi-Fi enabled smart device.

Remote Control Operation:

- **Power On/Off:** Press the **ON/OFF** button to start or stop the unit.
- **Mode Selection:** Use the **MODE** button to cycle through operating modes:
 - **Cool:** For cooling the room.

- **Heat:** For heating the room (heat pump models).
- **Fan:** Circulates air without cooling or heating.
- **Dry:** Dehumidifies the air.
- **Auto:** Automatically selects mode based on room temperature.
- **Temperature Adjustment:** Use the **TEMP UP/DOWN** buttons to set the desired temperature.
- **Fan Speed:** Adjust fan speed using the **FAN** button (Auto, Low, Medium, High).
- **Swing Function:** Activate the **SWING** button for automatic louver movement.
- **Timer Function:** Set the unit to turn on or off automatically after a set period. Refer to the remote control manual for detailed timer settings.

Wi-Fi Connectivity:

The Wi-Fi feature allows you to control your air conditioner remotely via a smartphone application. Download the official Clivet app from your device's app store and follow the in-app instructions for pairing your unit. This typically involves connecting the unit to your home Wi-Fi network.

6. MAINTENANCE

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

Indoor Unit Maintenance:

- **Air Filter Cleaning:**
 1. Open the front panel of the indoor unit.
 2. Remove the air filters.
 3. Clean filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
 4. Rinse thoroughly and allow to air dry completely before reinserting.
 5. Clean filters every two weeks or more frequently depending on usage and air quality.
- **Unit Surface Cleaning:** Wipe the indoor unit's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

Outdoor Unit Maintenance:

- **Coil Cleaning:** Periodically check the outdoor unit's coils for dirt and debris. Gently clean with a soft brush or water hose.
- **Clear Obstructions:** Ensure no leaves, branches, or other debris are blocking the airflow around the outdoor unit.
- **Professional Check-up:** It is recommended to have a qualified technician perform an annual professional check-up and cleaning of the entire system.

7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries low; Timer set.	Check power supply/circuit breaker; Replace batteries; Cancel timer setting.

Problem	Possible Cause	Solution
Insufficient cooling/heating	Dirty air filters; Obstruction at air inlet/outlet; Doors/windows open; Temperature setting incorrect; Refrigerant leak.	Clean air filters; Remove obstructions; Close doors/windows; Adjust temperature; Contact professional service for refrigerant issues.
Unusual noise	Loose parts; Fan obstruction; Unit not level.	Check for loose parts; Remove fan obstruction; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Clogged drain pipe; Unit not level; Condensate pan overflow.	Clear drain pipe; Ensure unit is level; Contact professional service if issue persists.

If the problem persists after attempting these solutions, please contact a qualified service technician.

8. SPECIFICATIONS

Feature	Detail
Brand	CLIVET
Model Name	Cristal
Type	Dual Split System
Indoor Unit Capacity	2 x 12,000 BTU
Outdoor Unit Power	5.4 kW
Technology	Inverter
Energy Efficiency Rating	A++ (as per product title) / SEER 5 (from specs)
Voltage	220 Volts
Special Features	Wi-Fi Connectivity, Inverter Compressor, High-Density Filter, Dust Filter
Recommended Room Size (per indoor unit)	25 to 40 m² (approx. 2.7m height)







9. WARRANTY AND SUPPORT

Warranty terms and conditions are typically provided with your purchase documentation. Please refer to the warranty card or contact your retailer for specific details regarding coverage period and service procedures.

For technical support, spare parts, or professional service, please contact your authorized Clivet dealer or the customer service number provided in your purchase documentation. Always provide your model number (Cristal) and serial number when seeking support.



Related Documents - Cristal

	<p>CLIVET WSAT-XIN 21-171 Installation and Operating Manual</p> <p>This manual provides essential information for the installation, operation, and maintenance of the CLIVET WSAT-XIN 21-171 air-cooled inverter chiller, ensuring optimal performance and longevity.</p>
	<p>CLIVET CERVINO MEA1-P Series Outdoor Unit: Installation, Use, and Maintenance Manual</p> <p>Comprehensive manual for CLIVET CERVINO MEA1-P series single split outdoor air conditioning units (models 27M and 35M). Covers installation, operation, safety, troubleshooting, and maintenance procedures.</p>
	<p>Clivet Home: Guide 2020 - Products and Systems for Sustainable Comfort</p> <p>Explore Clivet's 2020 Guide to HOME products and systems, featuring innovative heat pumps, ventilation solutions, and integrated technologies for efficient, sustainable comfort in residential spaces.</p>
	<p>Clivet EASYMini HQCN-NEE 1 MC: Installation, Use, and Maintenance Manual</p> <p>This comprehensive manual provides detailed instructions for the Clivet EASYMini HQCN-NEE 1 MC hydraulic module, covering installation, operation, maintenance, and technical specifications to ensure optimal performance and longevity of heat pump systems.</p>
	<p>CLIVET STELVIO MH2-Y Series Outdoor Unit: Installation, Use, and Maintenance Manual</p> <p>Comprehensive manual for CLIVET STELVIO MH2-Y series outdoor units (models 27M, 35M). Covers installation, operation, maintenance, troubleshooting, and technical specifications for optimal performance and safety.</p>
	<p>CLIVET CAS-X 31-222: Installation, Use, and Maintenance Manual</p> <p>Comprehensive guide for the CLIVET CAS-X 31-222 packaged air-conditioner condenser, covering installation, operation, maintenance, and technical specifications.</p>

