

[Manuals.plus](#) /

› [kanartic](#) /

› Kanartic ZERO 18000 BTU 22 SEER Mini-Split Heat Pump User Manual

kanartic ZERO 18000 BTU 22 SEER

Kanartic ZERO 18000 BTU 22 SEER Mini-Split Heat Pump

USER MANUAL

Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Kanartic ZERO 18000 BTU 22 SEER Mini-Split Heat Pump. Please read this manual thoroughly before using the unit and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your system.

Safety Information

Important Safety Instructions:

- Installation must be performed by a qualified and certified HVAC technician in accordance with all local and national electrical and refrigeration codes.
- Do not attempt to repair or service the unit yourself. Refer all servicing to qualified personnel.
- Ensure the power supply is disconnected before any maintenance or cleaning.
- Keep children and pets away from the outdoor unit.
- Do not block the air intake or outlet of either the indoor or outdoor unit.
- Use only the specified refrigerant type.

Product Overview

The Kanartic ZERO Mini-Split Heat Pump system consists of an indoor unit, an outdoor unit, a remote control, and a refrigerant line set. This system provides efficient heating and cooling for your space.



Figure 1: Overview of the Kanartic ZERO Mini-Split Heat Pump system components, including the indoor unit, outdoor unit, and connecting line set.



Figure 2: The outdoor condenser unit of the Kanartic ZERO Mini-Split Heat Pump, featuring the fan grille and Kanartic ZERO branding.



Figure 3: The sleek indoor air handler unit of the Kanartic ZERO Mini-Split Heat Pump, designed for wall mounting.



Figure 4: The remote control for the Kanartic ZERO Mini-Split Heat Pump, showing the display and various function buttons for operation.



Figure 5: The insulated refrigerant line set, used to connect the indoor and outdoor units of the mini-split system.

Setup and Installation

The Kanartic ZERO Mini-Split Heat Pump is a split system that requires professional installation. This involves mounting the indoor unit, securing the outdoor unit, connecting the refrigerant lines, electrical wiring, and vacuuming the system. Attempting self-installation can void the warranty and lead to improper operation or safety hazards.

Key Installation Steps (Performed by Certified Technician):

1. **Indoor Unit Placement:** Select a location that allows for optimal airflow and drainage.
2. **Outdoor Unit Placement:** Ensure adequate clearance for airflow and maintenance, away from direct sunlight or obstructions.
3. **Line Set Connection:** Connect the refrigerant lines between the indoor and outdoor units.
4. **Electrical Wiring:** Connect power and communication cables according to the wiring diagram.
5. **Vacuuming and Refrigerant Charging:** Evacuate air and moisture from the system and charge with the correct amount of refrigerant.
6. **Drainage:** Ensure proper condensate drainage from the indoor unit.

Operating Instructions

Your Kanartic ZERO Mini-Split Heat Pump is controlled via the provided wireless remote control (Figure 4).

Basic Operation:

- **Power On/Off:** Press the **Power** button to turn the unit on or off.
- **Mode Selection:** Press the **Mode** button to cycle through available modes: Cool, Heat, Fan, Dry, Auto.
- **Temperature Adjustment:** Use the **Up/Down** arrows to set your desired temperature.
- **Fan Speed:** Press the **Fan** button to adjust fan speed (Auto, Low, Medium, High).
- **Swing Function:** Use the **Swing** button to control the louver movement for optimal air distribution.

Refer to the remote control's specific manual for advanced functions such as Timer, Sleep mode, and Turbo mode.

Maintenance

Regular maintenance ensures efficient operation and extends the lifespan of your unit.

User Maintenance:

- **Air Filter Cleaning:** The indoor unit's air filters should be cleaned every 2-4 weeks, or more frequently depending on usage and air quality. Open the front panel, remove the filters, wash them with lukewarm water and mild detergent, rinse thoroughly, and allow them to dry completely before reinserting.
- **Exterior Cleaning:** Wipe the indoor and outdoor unit exteriors with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

Professional Maintenance:

- It is recommended to have a qualified technician perform annual maintenance, including checking refrigerant levels, cleaning coils, inspecting electrical connections, and verifying drainage.

Troubleshooting

Before calling for service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power, remote control batteries dead	Check circuit breaker, replace remote batteries
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, wrong mode selected, temperature setting too high/low	Clean filters, clear obstructions, select correct mode, adjust temperature
Unusual noise	Loose parts, foreign objects, refrigerant flow noise (normal)	Inspect for loose parts, remove objects. If persistent or loud, contact service.
Water leakage from indoor unit	Blocked drain hose, improper installation	Check and clear drain hose. If issue persists, contact installer.

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

Specifications

Feature	Specification
---------	---------------

Feature	Specification
Brand	Kanartic
Cooling Power	18000 British Thermal Units
Seasonal Energy Efficiency Ratio (SEER)	22
Heating Seasonal Performance Factor (HSPF)	11
Operating Temperature (Heating)	Down to -30°C (-22°F)
Form Factor	Mini-Split
Control Method	Remote Control
Installation Type	Split System
Item Weight	50000 Grams (Outdoor Unit)
UPC	628251090047

Warranty and Support

Warranty Information:

- Limited 10-Year Warranty on Compressor.
- Limited 5-Year Warranty on Parts.
- Warranty is valid with proof of professional installation invoice.

Customer Support:

For technical assistance, warranty claims, or service inquiries, please contact Kanartic customer support. Refer to your purchase documentation for specific contact details or visit the official Kanartic website.