

Everwell MGTC1223X-20

EVERWELL MGTC1223X-20 Inverter Mini-Split Air Conditioner User Manual

Model: MGTC1223X-20 | Brand: Everwell

1. PRODUCT OVERVIEW

The Everwell MGTC1223X-20 Inverter Mini-Split Air Conditioner is a high-efficiency cooling-only system designed for optimal comfort and energy savings. Featuring Full Inverter technology, it provides 12,000 BTU cooling capacity with a 20 SEER efficiency rating. This unit operates on 220V/1Ph/60Hz and uses R410A refrigerant. It is Wi-Fi Ready, allowing for convenient remote control via a smartphone or tablet application.

Key Features:

- High Energy Efficiency (20 SEER)
- 12,000 BTU Cooling Capacity
- 220V/1Ph/60Hz Power Supply
- R410A Refrigerant
- Full DC Inverter - Cooling Only
- Wi-Fi Ready for App Control
- Noiseless Technology for Quiet Operation
- GoldFin Technology for Enhanced Durability in harsh environments
- AHRI and ETL Certified for Quality Assurance
- Featured Operations: Self Cleaning, ECO Operation, SUPER Operation, Variable Speed, SLEEP and TIMER Operation



Figure 1: Everwell MGTC1223X-20 Mini-Split Air Conditioner, showing the indoor unit, outdoor unit, remote control, and various installation components including copper tubing and communication cables.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing, operating, or performing maintenance on this appliance. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

General Safety Precautions:

- Installation must be performed by a qualified and licensed HVAC technician in accordance with all local and national electrical and building codes.
- Ensure the power supply matches the unit's specifications (220V/1Ph/60Hz).
- Do not attempt to repair or service the unit yourself. Refer all servicing to qualified personnel.
- Ensure proper grounding to prevent electric shock.
- Keep the area around the outdoor unit clear of obstructions to ensure proper airflow.
- Do not insert fingers or objects into the air inlet/outlet.
- If the unit emits smoke, unusual odors, or strange noises, immediately turn off the power and contact a service technician.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Evaporating Unit (Indoor Unit)
- Condensing Unit (Outdoor Unit)
- Control Remote
- Communication Cable
- Copper Tubing (3m / 9.8 ft)



Figure 2: Detailed view of the installation kit components, including pre-flared copper connecting pipes, electrical communication cable, and insulation materials.

4. SETUP AND INSTALLATION

This Everwell Mini-Split system requires professional installation. It is crucial to have a certified HVAC technician handle the setup to ensure proper operation, safety, and warranty validity.

Key Installation Considerations:

- **Location:** Choose a location for both indoor and outdoor units that allows for optimal airflow and minimal noise disturbance.

- **Electrical Connection:** Ensure the electrical wiring is correctly connected to a 220V/1Ph/60Hz power source by a qualified electrician.
- **Refrigerant Lines:** The pre-flared copper tubing simplifies connection, but proper vacuuming and charging of the R410A refrigerant system are critical and must be done by a professional.
- **Drainage:** Ensure proper condensate drainage from the indoor unit to prevent water damage.
- **Wi-Fi Setup:** After physical installation, connect the unit to your home Wi-Fi network using the Everwell smartphone application for remote control capabilities.



Figure 3: The outdoor condensing unit, highlighting the robust construction and the connection points for the refrigerant lines. Proper connection is vital for system performance.

5. OPERATING INSTRUCTIONS

The Everwell Mini-Split can be operated using the included remote control or via the dedicated smartphone application (Wi-Fi Ready models).

Remote Control Functions:

- **ON/OFF:** Powers the unit on or off.
- **MODE:** Cycle through operating modes (Cooling, Fan, ECO, SUPER).
- **FAN:** Adjust fan speed.
- **SWING:** Activates the automatic louver swing for even air distribution.
- **TIMER:** Set a timer for automatic power on/off.
- **SLEEP:** Optimizes temperature and fan speed for comfortable sleep and energy saving.
- **ECO:** Engages energy-saving mode for reduced power consumption.
- **SUPER:** Provides rapid cooling to quickly reach the desired temperature.
- **Temperature Adjustment:** Use the up/down arrows to set the desired temperature.



 **Smart Life - SmartHome
app**


Figure 4: The ergonomic remote control for the Everwell Mini-Split, alongside a representation of the smartphone application interface for convenient remote operation.



Figure 5: The sleek indoor evaporating unit, showing its compact design and the digital temperature display on the front panel.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Everwell Mini-Split system.

Recommended Maintenance:

- **Filter Cleaning:** Clean the air filters every 2-4 weeks, or more frequently depending on usage and air quality. Dirty filters reduce efficiency and airflow.
- **Coil Cleaning:** Periodically inspect and clean the indoor and outdoor coils. The GoldFin technology helps resist corrosion, but dust and debris can still accumulate. Professional coil cleaning is recommended annually.
- **Drainage Check:** Ensure the condensate drain line is clear and free of blockages to prevent water leaks.
- **Professional Inspection:** Schedule annual professional maintenance to check refrigerant levels, electrical connections, and overall system health.

7. TROUBLESHOOTING

Before contacting customer support, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power, remote batteries low, unit in standby.	Check power supply, replace remote batteries, press ON/OFF button.
Insufficient cooling	Dirty air filter, blocked outdoor unit, low refrigerant.	Clean air filter, clear obstructions from outdoor unit, contact technician for refrigerant check.
Unusual noise	Loose parts, fan obstruction, compressor issue.	Check for loose parts, clear fan, contact technician.
Water leakage from indoor unit	Blocked drain pipe, improper installation.	Clear drain pipe, contact technician for installation check.

If the problem persists after attempting these solutions, please contact Everwell Customer Support.

8. SPECIFICATIONS

Feature	Detail
Brand Name	Everwell
Model Info	MGTC1223X-20
Cooling Capacity	12,000 BTU
Efficiency (SEER)	20 SEER
Voltage	220 Volts
Refrigerant	R410A
Noise Level	54 dB
Indoor Unit Dimensions (W*H*D)	31.9 × 11.5 × 8 in
Outdoor Unit Dimensions (W*H*D)	30.6 × 11.4 × 19.6 in
Certifications	AHRI, ETL Certified

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Central Air Conditioner
Cooling Only
Split System

EVERWELL
Model MGTC1223C-20



Efficiency Rating (SEER)**

20.00*



** Seasonal Energy Efficiency Ratio

For energy cost info, visit
productinfo.energy.gov

* Your air conditioner's efficiency rating may be better depending on the coil your contractor installs.

Notice

Federal law allows this unit to be installed **only in:**

AK, AL, AR, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, ME, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, AND U.S. territories



Federal law prohibits installation of this unit in other states.

Energy Efficiency Ratio(EER): The installed system's minimum EER is 11.80.

Figure 6: The EnergyGuide label for the Everwell Mini-Split, indicating a Seasonal Energy Efficiency Ratio (SEER) of 20.00, highlighting its high energy efficiency.

9. WARRANTY AND SUPPORT

Everwell stands behind the quality of its products. This unit comes with a limited warranty, valid only with registered equipment.

- **Compressor Warranty:** 5 Years

- **Parts Warranty: 2 Years**

For customer support, technical assistance, or warranty claims, please refer to the contact information provided with your purchase or visit the official Everwell website.

A graphic for Everwell warranty details. On the left, a vertical white bar contains several logos: 'Wi-Fi' in a black cloud, 'FULL DC INVERTER' in red and black, 'GOLDFIN TECHNOLOGY' in black, 'AHRI CERTIFIED' with 'Unitary Small AC AHRI Standard 210/240' and 'Certification applies only when the complete system is tested with AHRI', 'ETL LISTED' with 'Intertek' below it, 'R410A REFRIGERANT' with a sailboat logo, and 'NOISELESS' with a soundwave icon. To the right, a red banner with a large white arrow pointing right contains the text 'LIMITED WARRANTY', '5 YEARS Compressor', and '2 YEARS Parts'. The background is a living room with a grey sofa, a white lamp, and a white air conditioner mounted on the wall.

Warranty valid only with registered equipments

Figure 7: Warranty details for Everwell products, specifying a 5-year warranty for the compressor and a 2-year warranty for parts.



[\[pdf\] Specifications Tech Sheet](#)

MGTC 20 Series Technical Sheet web MGTC2423XA Everwell Air Conditioning Web everwell ac |||
 Up to 20 SEER2 MGTC-20 SERIES MGTC-20 SERIES MINI SPLIT SYSTEM
 INVERTER MGTC-20 Series Technica ... 010.82 852358600 33.5414.0923.62 11 /
 24.25 32 / 70.54 16-31 / 61-88 17-32 / 63 -90 15-53 / 59-127 **MGTC1223X-20**
 MGTC1223E-20 MGTC1223C-20 Cooling Only Remote 12000 2047-12625 3517
 600-3700 11.80 11...

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[Everwell MGTC Series Mini Split System Inverter: Technical Specifications and Features](#)

Detailed technical specifications and features for the Everwell MGTC Series Mini Split System Inverter, including SEER ratings, cooling capacities, noise levels, and model variations.

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