

TOSOT GWH12ATCXB-D6DNA1AO

TOSOT 12,000 BTU Cosmo Series Mini-Split Air Conditioner and Heating System User Manual

Model: GWH12ATCXB-D6DNA1AO

Brand: TOSOT

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your TOSOT 12,000 BTU Cosmo Series Mini-Split Air Conditioner and Heating System. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper installation and adherence to these instructions will ensure optimal performance and longevity of your unit.

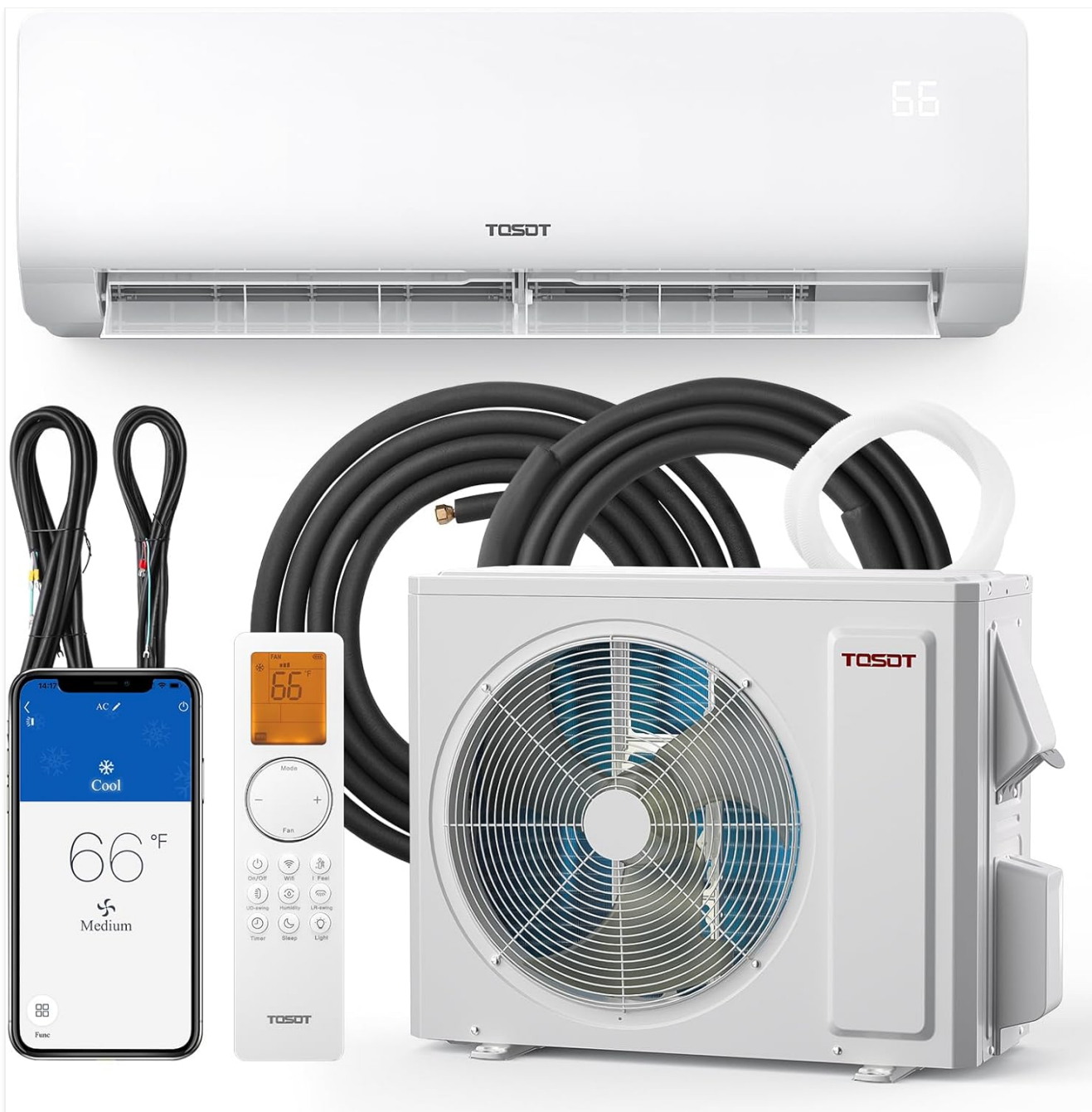


Image 1.1: Overview of the TOSOT 12,000 BTU Cosmo Series Mini-Split Air Conditioner and Heating System components.

2. SAFETY INFORMATION

Important Safety Instructions:

- Installation must be performed by qualified personnel in accordance with all national and local wiring codes and regulations.
- Ensure the power supply matches the unit's specifications (208-230V).
- Do not operate the unit with wet hands or when standing on a wet surface.
- Keep children and pets away from the outdoor unit.
- Do not insert objects into the air inlet or outlet.
- Turn off the power supply before cleaning or performing any maintenance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any components are missing or damaged, contact your retailer immediately.



Image 3.1: Detailed view of included indoor and outdoor unit components and accessories.

Indoor Unit Components:

- Indoor Unit
- Remote Control
- User Manual
- Remote Holder
- AAA Batteries (for remote)
- Mounting Plate
- Drywall Anchors
- Mounting Plate Fixing Screws

Outdoor Unit Components:

- Outdoor Unit
- 16ft Copper Line Set
- 16ft Electrical Cable
- Drain Hose
- Wall Cuff
- Drain Joint
- Tape
- Sealing Gum
- Insulation Sleeve
- Signal Cable

4. INSTALLATION

The installation of a mini-split air conditioning system requires specialized tools and knowledge. It is highly

recommended that installation be performed by a certified HVAC professional to ensure safety, proper function, and warranty validity.

General Installation Steps (Professional Recommended):

1. **Site Selection:** Choose appropriate locations for both the indoor and outdoor units, ensuring proper airflow, drainage, and structural support.
2. **Mounting the Indoor Unit:** Secure the mounting plate to the wall, then attach the indoor unit.
3. **Mounting the Outdoor Unit:** Place the outdoor unit on a stable, level surface or mount it securely to a wall bracket.
4. **Connecting Refrigerant Lines:** Connect the copper line set between the indoor and outdoor units. Ensure proper flaring and tightening of connections using a torque wrench to prevent leaks.
5. **Electrical Wiring:** Connect the electrical power and signal cables according to the wiring diagram provided in the full installation manual. This must comply with local electrical codes.
6. **Vacuumping the System:** Evacuate the refrigerant lines using a vacuum pump to remove air and moisture. This is a critical step for system efficiency and longevity.
7. **Releasing Refrigerant:** Once the system is properly vacuumed, open the service valves on the outdoor unit to release the refrigerant into the system.
8. **Drainage:** Ensure the condensate drain hose is properly installed and sloped to allow for effective water removal.

Note: Incorrect installation can lead to refrigerant leaks, electrical hazards, reduced efficiency, and void the product warranty. Always consult the detailed installation guide provided with your unit or seek professional assistance.

5. OPERATION

Your TOSOT Mini-Split system offers multiple operating modes and smart control features for optimal comfort.



Image 5.1: Overview of the system's primary operating modes and capacities.

5.1 Operating Modes:

- **Cooling Mode:** Provides efficient cooling, ideal for warm weather. The system can cool effectively in temperatures up to 122°F.
- **Heating Mode:** Delivers warmth during colder periods. The system can heat efficiently down to -13°F.
- **Fan Mode:** Circulates air without heating or cooling. Features multiple fan speeds for customized airflow.
- **Dehumidifying Mode:** Reduces humidity levels in the room, contributing to a more comfortable environment.

5.2 Remote Control:

The included remote control allows you to adjust settings such as mode, temperature, fan speed, and timer functions. Refer to the remote control section in the full user manual for detailed button descriptions and functions.

SMART CONTROL ANYWHERE

Adjust your AC settings anytime, anywhere with the Gree+ / TOSOT+ app and voice control.



Image 5.2: The TOSOT Mini-Split AC unit can be controlled via its remote or a smartphone app.

5.3 Smart Control (Gree+ App & Voice Control):

Your TOSOT Cosmo series unit is WiFi-enabled, allowing remote control via the Gree+ app on your smartphone. This app enables you to adjust settings from anywhere. The system also supports voice control for hands-free operation, integrating with compatible smart home systems.

6. MAINTENANCE

Regular maintenance ensures the efficiency and longevity of your mini-split system.

6.1 Air Filter Cleaning:

- The air filters should be cleaned every two weeks or more frequently depending on usage and air quality.
- Open the front panel of the indoor unit.
- Remove the air filters.
- Wash filters with lukewarm water and a mild detergent. Rinse thoroughly and allow them to air dry completely.

before reinserting.

- Do not expose filters to direct sunlight or heat for drying.

6.2 Outdoor Unit Cleaning:

- Periodically check the outdoor unit for debris, leaves, or dirt that may obstruct airflow.
- Gently clean the coil fins with a soft brush or vacuum cleaner. Avoid bending the fins.
- Ensure the area around the outdoor unit is clear of obstructions.

6.3 Seasonal Checks:

- Before seasonal use (e.g., beginning of summer for cooling, beginning of winter for heating), inspect the unit for any visible damage or unusual conditions.
- Consider scheduling a professional inspection annually to ensure optimal performance and address any potential issues.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	No power, circuit breaker tripped, remote batteries dead.	Check power supply, reset breaker, replace remote batteries.
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, wrong mode, temperature setting incorrect, refrigerant leak.	Clean filters, clear obstructions, select correct mode/temperature, contact professional for refrigerant check.
Unusual noise	Loose parts, foreign objects, fan imbalance.	Turn off unit and inspect for obstructions. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain hose, improper installation.	Check and clear drain hose. If issue persists, professional inspection is required.

For issues not listed here or if solutions do not resolve the problem, please contact TOSOT customer support or a qualified service technician.

8. SPECIFICATIONS

Key technical specifications for the TOSOT 12,000 BTU Cosmo Series Mini-Split Air Conditioner and Heating System (Model: GWH12ATCXB-D6DNA1AO).

Model Number	GWH12ATCXB-D6DNA1AO
Cooling Capacity	12,000 BTU (1 Ton)
Heating Capacity	12,000 BTU
SEER2 Rating	19 (up to 22)
Voltage	230 Volts

Noise Level (Indoor)	22-36 Decibels
Floor Area Coverage	Up to 750 Square Feet
Operating Temperature (Cooling)	Up to 122°F
Operating Temperature (Heating)	Down to -13°F
Special Features	Fast Cooling, WiFi Enabled, Voice Control
Indoor Unit Dimensions (WxHxD)	32.9" x 10.8" x 7.9"
Outdoor Unit Dimensions (DxWxH)	28.82" x 21.85" x 12.99"
Item Weight	95.5 pounds
Refrigerant Type	R32







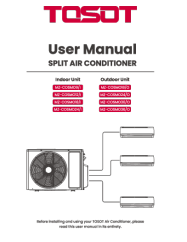

Image 8.1: Dimensional specifications for various BTU models, including the 12,000 BTU unit.

9. WARRANTY AND SUPPORT

Your TOSOT Mini-Split Air Conditioner and Heating System comes with a **5-Year Warranty**. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact TOSOT customer support. Contact information can typically be found on the manufacturer's website or in the warranty card included with your product.

Manufacturer: Gree Electric Appliances, Inc. of Zhuhai

	<p>TOSOT Split Airco Gebruikershandleiding: Installatie, Gebruik en Onderhoud</p> <p>Gedetailleerde gebruikershandleiding voor de TOSOT Split Airco, inclusief installatie-instructies, bediening met de afstandsbediening, onderhoudstips, veiligheidsmaatregelen en probleemoplossing.</p>
	<p>TOSOT Clivia Deluxe TH-SCD Air Conditioner User Manual</p> <p>Comprehensive user manual for the TOSOT Clivia Deluxe TH-SCD series air conditioners, covering features, operation, specifications, maintenance, and safety. Includes R32 refrigerant information and WiFi connectivity details.</p>
	<p>TOSOT RV Air Conditioner Installation Guide</p> <p>Step-by-step instructions for installing a TOSOT RV Air Conditioner, covering sealing, unit mounting, duct plate installation, ceiling frame, wiring, and grille assembly.</p>
	<p>TOSOT 8,000 BTU Window Air Conditioner User Manual Installation, Operation & Troubleshooting</p> <p>Comprehensive user manual for the TOSOT 8,000 BTU Window Air Conditioner (Model GJC08BU-A6NRNJ2A). Covers installation, operation, remote control, cleaning, maintenance, troubleshooting, and safety instructions.</p>
	<p>TOSOT Cosmo Series Split Air Conditioner User Manual</p> <p>User manual for TOSOT Cosmo Series Split Air Conditioners, detailing installation, operation, safety, maintenance, and troubleshooting for various MZ-COSMO models.</p>
	<p>TOSOT Split-Type Floor-Standing Air Conditioner User Manual</p> <p>Comprehensive user manual for the TOSOT Split-Type Floor-Standing Air Conditioner, covering installation, operation, maintenance, safety precautions, and troubleshooting. Includes model SU-COSMO36FS/I.</p>

