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> [Multi Zone Mini Split Ductless Air Conditioner – Quad 4 Zone 12000 + 12000 + 12000 + 12000 -Pre-Charged Inverter Compressor - Includes Four Free 25' Linesets - Slim Duct - US Parts](#)

Air-Con f259f722-a723-4474-aa94-884888c28d84

Air-Con Multi Zone Mini Split Ductless Air Conditioner User Manual

Model: f259f722-a723-4474-aa94-884888c28d84

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Air-Con Multi Zone Mini Split Ductless Air Conditioner. This powerful system functions as an air conditioner, heater, and dehumidifier, designed for year-round comfort. It is highly efficient, quiet, and constructed from high-quality materials. This 21 SEER quad zone mini split system is capable of covering up to 2400 square feet.

The system offers independent zone control, delivering conditioned air directly to each room without the need for traditional ducts. This allows for individual temperature control in each zone, maximizing comfort and flexibility while potentially reducing energy consumption.

PRODUCT FEATURES

- **Inverter Technology:** Lowers operating costs by maintaining consistent temperatures without frequent starts and stops, which consume more electricity.
- **Multi-Zone Capability:** Efficiently heats, cools, and dehumidifies up to 2400 square feet across four independent zones.
- **Heat Pump Functionality:** Capable of pulling heat from the air down to temperatures as low as 5°F.
- **Turbo Mode:** Provides rapid heating and cooling for quick temperature adjustments.
- **Sleep Mode:** Adjusts temperature settings for comfortable sleeping conditions.
- **Auto Clean Function:** Helps maintain the cleanliness of the indoor unit.
- **Auto Reset:** Automatically restores previous settings after power interruptions.
- **24-Hour Timer:** Allows for scheduled operation with last-setting memory.
- **Dedicated Dehumidifier:** Provides effective moisture removal.
- **Horizontal Auto Swing Louver:** Ensures even air distribution.
- **Pro-Grade Quality:** Constructed with premium quality copper tubing and name-brand compressors for durability and performance.

SETUP AND INSTALLATION

The Air-Con Multi Zone Mini Split system arrives pre-charged and ready for installation. It includes the fully charged outdoor compressor unit, four indoor air handlers, four remote controls, and four 25-foot linesets. Professional installation is highly recommended, particularly for electrical wiring connections, to ensure proper and safe operation.



Figure 1: Overview of the Air-Con Multi Zone Mini Split System components.

This image displays the complete package of the Air-Con Multi Zone Mini Split system. It includes the large outdoor compressor unit, four slim duct indoor air handlers, four individual remote controls, and four coiled 25-foot linesets for refrigerant and electrical connections between the indoor and outdoor units.



Figure 2: Air-Con Outdoor Compressor Unit.

This image shows the robust outdoor compressor unit, which is the primary component responsible for the heating and cooling cycle. It features a protective grille over the fan and multiple connection ports for the refrigerant linesets.



Figure 3: Pre-charged 25-foot Linesets.

Depicted here are the four pre-charged 25-foot linesets. These insulated copper tubes facilitate the transfer of refrigerant between the outdoor compressor and each indoor air handler, ensuring efficient system operation.

Pre-Installation Checklist:

- Ensure adequate space for both indoor and outdoor units, allowing for proper airflow and maintenance access.
- Verify electrical supply meets the system's requirements. Consult a qualified electrician for dedicated circuit installation.
- Plan the routing for linesets and condensate drains to avoid obstructions and ensure proper drainage.
- Confirm all included components are present and undamaged upon delivery.

For detailed installation instructions, refer to the comprehensive installation guide provided with your unit, or consult a certified HVAC professional.

OPERATING INSTRUCTIONS

Each indoor unit is controlled by its dedicated remote control, allowing for independent temperature and mode settings in

each zone. Familiarize yourself with the remote control functions for optimal use.



Figure 4: Air-Con Remote Control.

This image displays the remote control for the Air-Con mini split system. It features buttons for power (ON/OFF), mode selection (MODE), fan speed (FAN), temperature adjustment (+/-), timer settings (TIMER ON/OFF), sleep mode (SLEEP), turbo mode (TURBO), and display light (LIGHT).

Basic Remote Control Functions:

- **ON/OFF:** Powers the unit on or off.
- **MODE:** Cycles through operating modes: Auto, Cool, Heat, Dry (Dehumidify), Fan.
- **+/-:** Adjusts the desired temperature setting.
- **FAN:** Selects fan speed (Auto, Low, Medium, High).
- **TIMER ON/OFF:** Sets a timer for the unit to turn on or off automatically.
- **TURBO:** Activates maximum fan speed and compressor output for rapid cooling or heating.
- **SLEEP:** Optimizes temperature and fan speed for comfortable sleep, often gradually adjusting temperature.
- **X-FAN:** Activates the cross-fan function to dry the indoor coil after cooling operation, preventing mold and odors.
- **LIGHT:** Turns the display light on or off.

For detailed instructions on advanced features and programming, refer to the remote control user guide included with your system.

MAINTENANCE

Regular maintenance is crucial for ensuring the longevity, efficiency, and optimal performance of your Air-Con mini split system. Simple routine checks can prevent common issues and maintain air quality.

Routine 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. Refer to your indoor unit's manual for specific instructions on how to access and clean the filters.

- **Outdoor Unit Cleaning:** Periodically inspect the outdoor unit for debris, leaves, or dirt that may obstruct airflow. Gently clean the coils and fan blades with a soft brush or low-pressure water hose. Ensure the area around the outdoor unit is clear of obstructions.
- **Condensate Drain Check:** Ensure the condensate drain line is clear and free of blockages to prevent water leaks from the indoor unit.

Professional Maintenance:

It is recommended to schedule professional maintenance by a certified HVAC technician at least once a year. A professional can perform thorough checks, including refrigerant levels, electrical connections, and overall system performance, to ensure your unit operates at peak efficiency.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and their potential solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, remote control batteries low, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating.	Dirty air filters, blocked outdoor unit, wrong mode selected, low refrigerant.	Clean air filters, clear outdoor unit, select correct mode, contact professional for refrigerant check.
Unusual noise.	Loose parts, fan obstruction, normal operating sounds (e.g., refrigerant flow).	Inspect for loose parts, remove obstructions. If persistent or loud, contact support.
Water leaking from indoor unit.	Clogged condensate drain line, improper installation.	Check and clear drain line. If issue persists, contact installer or professional.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Air-Con customer support for assistance.

SPECIFICATIONS

Feature	Detail
Brand	Air-Con
Model Name	Quad 4 Zone
Model Number	f259f722-a723-4474-aa94-884888c28d84
Installation Type	Split System
Form Factor	Mini-Split
Seasonal Energy Efficiency Ratio (SEER)	21
Refrigerant	R 410A (Pre-Charged)
Compressor Type	Rotary Scroll, Inverter

Feature	Detail
Control Method	Remote Control
Coverage Area	Up to 2400 sq ft (approximate)

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Heat Pump
Cooling and Heating
Split System

AIR-CON
Model AMSCI4H4S42



▼▼ This system's efficiency ratings depend on the coil your contractor installs with this unit. The heating efficiency rating varies slightly in different geographic regions. Ask your contractor for details.



For energy cost info, visit productinfo.energy.gov

Figure 5: EnergyGuide Label.

This image displays the EnergyGuide label for the Air-Con Mini Split System, model AMSCI4H4S42. It indicates a Cooling Efficiency Rating (SEER) between 18.00 and 20.00, and a Heating Efficiency Rating (HSPF) between 9.50 and 10.00. These ratings help consumers compare the energy efficiency of different models.

WARRANTY AND SUPPORT

Air-Con stands behind the quality of its products with a comprehensive warranty and dedicated customer support.

Warranty Information:

- **Compressor Warranty:** Seven (7) year warranty on the compressor.
- **Parts Warranty:** Five (5) year warranty on all other parts.
- **30-Day Buy-Back Guarantee:** If you are not satisfied with the product within the first 30 days, Air-Con offers a buy-back option, no questions asked.

Warranty coverage is subject to terms and conditions. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting, warranty claims, or any other inquiries, please contact Air-Con customer support. Abundant parts availability and experienced technicians are available to provide assistance.

Visit the official Air-Con Store on Amazon for more information:[Air-Con Store](#)

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This manual is for informational purposes only. Specifications are subject to change without notice.