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> [Daikin 18,000 BTU 18 SEER2 Single Zone Ductless Mini Split Heat Pump System \(R-32\) User Manual](#)

DAIKIN RXC18AXVJU, FTXC18AXVJU

Daikin 18,000 BTU 18 SEER2 Single Zone Ductless Mini Split Heat Pump System (R-32) User Manual

Models: RXC18AXVJU (Outdoor Unit), FTXC18AXVJU (Indoor Unit)

1. PRODUCT OVERVIEW

The Daikin ENTRA Series 1.5-ton mini-split system offers reliable cooling and heating with advanced R-32 refrigerant technology. The indoor unit (FTXC18AXVJU) features a sleek high-wall design for efficient climate control, while the outdoor unit (RXC18AXVJU) is a robust heat pump with an inverter-driven compressor for optimized performance. This system provides versatile and effective temperature management for various spaces with quiet operation.

Key Features:

- Indoor Unit: 1.5-ton high wall unit with R-32 refrigerant
- Outdoor Unit: 1.5-ton heat pump with R-32 refrigerant and inverter technology
- Cooling Capacity: 6,900 - 20,000 BTU/H
- Heating Capacity: 5,800 - 22,500 BTU/H
- Quiet Operation: Designed for efficient and unobtrusive climate control
- Ideal for versatile climate control in medium to large spaces

2. SETUP

Installation of the Daikin mini-split system requires specialized knowledge and tools. It is highly recommended that installation be performed by a qualified HVAC professional to ensure proper function, safety, and warranty compliance.

General Installation Guidelines:

- **Indoor Unit Placement:** The indoor unit (FTXC18AXVJU) should be mounted on a sturdy wall, ensuring adequate clearance from the ceiling and adjacent walls for optimal airflow and maintenance.
- **Outdoor Unit Placement:** The outdoor unit (RXC18AXVJU) should be placed on a level surface, away from direct sunlight, obstructions, and areas where noise might be a concern. Ensure proper ventilation around the unit.
- **Refrigerant Lines and Electrical Connections:** These connections must be correctly sized and installed according to local codes and manufacturer specifications.
- **Drainage:** Ensure proper drainage for condensate from the indoor unit to prevent water damage.

Refer to the detailed installation manual provided with your unit for specific instructions and diagrams.

3. OPERATING INSTRUCTIONS

The Daikin mini-split system is operated using the provided wireless remote control. Familiarize yourself with the remote's functions for optimal comfort.

Remote Control Functions:

1. **Power ON/OFF:** Press the **ON/OFF** button to start or stop the unit. When turned off, the vent piece will close. When turned on, the vent piece will open.
2. **Temperature Adjustment:** Use the **TEMP ▲** and **TEMP ▼** buttons to set your desired temperature.
3. **Mode Selection:** Press the **MODE** button to cycle through operating modes: Cooling, Heating, Fan Only, Dry, and Auto.
4. **Fan Speed:** Press the **FAN** button to adjust the fan speed (e.g., Low, Medium, High, Auto).
5. **Swing Function:** Press the **SWING** button to activate or deactivate the automatic vertical airflow swing, which helps distribute air evenly.
6. **Quiet Mode:** Press the **QUIET** button for reduced operating noise, ideal for nighttime or quiet environments.
7. **Sleep Mode:** Activate **SLEEP** mode for energy-efficient operation during sleep, gradually adjusting the temperature.
8. **Eco Mode:** The **ECO** button optimizes energy consumption while maintaining comfort.
9. **Timer Function:** Use the **TIMER ON/OFF** buttons to program the unit to turn on or off at specific times.
10. **LED Display:** The **LED** button controls the display lights on the indoor unit.
11. **Clock:** Set the current time using the **CLOCK** button.

The remote control's display will show the current settings, including temperature, mode, and fan speed.



Image: Daikin Mini Split Indoor Unit with its remote control, showing the unit mounted on a wall.

4. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Daikin mini-split system.

Recommended 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 unit's specific instructions for filter removal and cleaning.
- **Outdoor Unit Cleaning:** Keep the outdoor unit free from debris, leaves, and other obstructions that can block airflow. Periodically clean the coils with a soft brush or vacuum.
- **Professional Inspection:** Schedule an annual professional inspection and cleaning by a certified HVAC technician. This helps identify potential issues early and ensures the system operates at peak efficiency.
- **Drainage Check:** Periodically check the condensate drain line for blockages to prevent water leaks.

Always turn off the power to the unit before performing any maintenance.

5. TROUBLESHOOTING

If you encounter issues with your Daikin mini-split system, consult the following basic troubleshooting steps. For complex problems, contact a qualified technician.

Common Issues and Solutions:

- **Unit Not Turning On:** Check if the unit is plugged in, the circuit breaker hasn't tripped, and the remote control batteries are functional.
- **Insufficient Cooling/Heating:** Ensure air filters are clean, there are no obstructions to airflow, and the temperature setting is appropriate for the desired mode. Check if windows and doors are closed.
- **Unusual Noises:** Minor noises during operation are normal. If you hear loud or unusual sounds, turn off the unit and contact a technician.
- **Water Leaks:** Check the condensate drain line for blockages. Ensure the indoor unit is level.
- **Remote Control Not Responding:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the indoor unit.

If these steps do not resolve the issue, contact Daikin customer support or a certified service provider.

6. SPECIFICATIONS

Feature	Specification
Brand Name	DAIKIN
Model Info	RXC18AXVJU - FTXC18AXVJU
Item Weight	131.5 pounds
Product Dimensions	11.3 x 39.5 x 11.6 inches
Efficiency	High Efficiency
Capacity	1.5 Tons
Annual Energy Consumption	7920 Kilowatt Hours Per Year
Noise Level	45 Decibels
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Fast Cooling, Heating & Cooling Function, Inverter Compressor, Remote Controlled, Silent Mode
Voltage	230 Volts
Wattage	5275 watts
Cooling Power	18000 British Thermal Units
Seasonal Energy Efficiency Ratio (SEER)	18
Refrigerant	R-32

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Daikin website. For technical support, service, or to locate a certified Daikin technician, please contact Daikin customer service through their official channels.