

## Friedrich P12B

# Friedrich P12B Portable Air Conditioner User Manual

Model: P12B

## INTRODUCTION

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This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your Friedrich P12B Portable Room Air Conditioner. The P12B is a versatile 3-in-1 system, functioning as an air conditioner, dehumidifier, and fan, designed to cool rooms up to approximately 550 sq ft. It features dual-hose technology for enhanced cooling efficiency and a convenient 24-hour timer.



Front view of the Friedrich P12B portable air conditioner, showcasing its compact and modern design. The unit is white with a grey top panel where the air vents are located.

## SETUP AND INSTALLATION

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### Unpacking

Carefully remove the air conditioner from its packaging. Inspect the unit and all accessories for any signs of damage. Ensure all components listed in the packing list are present before proceeding with installation.

### Placement

Place the unit on a firm, level surface in a location that allows for proper air circulation. Ensure there is at least 20 inches (50 cm) of clear space around the unit for optimal performance. Position the unit near a window or sliding door for easy installation of the window exhaust kit.

## Window Kit Installation

The Friedrich P12B utilizes a dual-hose system for efficient cooling. Install the adjustable window kit into your window opening. Connect both the intake and exhaust hoses to the corresponding ports on the back of the unit and then to the window adapter plate. Ensure all connections are secure to prevent air leakage, which can reduce efficiency.



This image illustrates the rear of the Friedrich P12B unit, showing the two flexible hoses extending from the unit to the window adapter plate. These hoses are crucial for the dual-hose system, which provides efficient cooling by drawing in fresh air and expelling hot air separately.

## OPERATION

### Control Panel and Remote

The unit features an intuitive control panel with a digital display and various buttons for mode selection, temperature adjustment, fan speed, and timer settings. A remote control is also included for convenient operation from a distance. Ensure the remote control batteries are correctly installed.

### Operating Modes

The Friedrich P12B offers four distinct operating modes to suit your climate control needs:

- **Cool Mode:** Provides powerful air conditioning to lower room temperature.
- **Heat Mode:** (Heat pump model only) Functions as a heater to warm the room.
- **Dehumidify Mode:** Removes excess moisture from the air without significant cooling.
- **Fan Mode:** Circulates air without engaging the cooling or heating functions.



This diagram highlights the four primary operating modes of the Friedrich P12B: Cooling, Heating (for heat pump models), Dehumidifying, and Fan-only operation. Each mode is designed for specific climate control needs.

### Timer Function

The 24-hour timer allows you to program the unit to turn on or off automatically at a specified time, providing convenience and energy savings.

### Condensate Management

The unit features an auto-evaporation system, which typically eliminates the need to manually drain condensate in cooling mode. During heating mode, or in very humid conditions, a small amount of condensate may accumulate. The unit is equipped with an internal pump and a small tube to remove this condensate, provided the unit is on a completely level surface.

## MAINTENANCE

### Air Filter Cleaning

The Friedrich P12B is equipped with an antimicrobial air filter. For optimal performance and air quality, clean the air filter regularly, typically every two weeks or more often depending on usage and air quality. To clean, remove the filter, wash it with warm, soapy water, rinse thoroughly, and allow it to air dry completely before reinserting.

### Seasonal Storage

Before storing the unit for an extended period, ensure it is thoroughly cleaned and completely dry. Drain any remaining water from the unit. Store the unit upright in a dry, cool place, preferably in its original packaging, to protect it from dust and damage.

## TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions. If the problem persists after attempting these steps, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; tripped circuit breaker; power cord not fully inserted.	Check power outlet; reset circuit breaker; ensure power cord is securely plugged in.
Insufficient cooling	Dirty air filter; blocked air intake/exhaust; room too large; windows/doors open; hoses not properly connected.	Clean air filter; clear obstructions; ensure room size is within specifications; close windows/doors; check hose connections.
Unit is noisy	Unit not on a level surface; internal components vibrating.	Ensure unit is on a stable, level surface. Some operational noise from the compressor is normal.
Water leakage	Unit not level; drain plug not secured (if applicable).	Ensure unit is on a level surface. Check drain plug if manual drainage is required.

## SPECIFICATIONS

Feature	Specification
Model	P12B
Cooling Capacity	11600 BTU
Energy Efficiency Ratio (EER)	8.8
Voltage	115 Volts
Dimensions (L x W x H)	39.37 x 49.53 x 85.09 cm (15.5 x 19.5 x 33.5 inches)
Weight	1.81 kg (4 lbs)

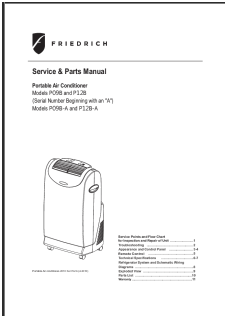

Feature	Specification
Filter Type	Antimicrobial Air Filter
Special Features	Remote control, 24-hour timer, Dual-hose system, Auto-evaporation
Operating Modes	Cool, Heat, Dehumidify, Fan


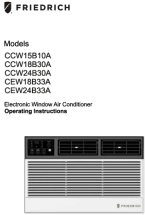
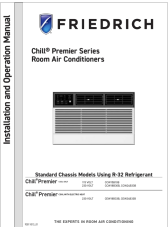

## WARRANTY AND CUSTOMER SUPPORT

Friedrich products are manufactured to high-quality standards and are backed by a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical assistance, troubleshooting not covered in this manual, or to inquire about warranty service, please contact Friedrich customer support through their official website or the contact information provided with your purchase documentation.

Always ensure you have your model number (P12B) and purchase date available when contacting support.

### Related Documents - P12B

	<p><a href="#">Friedrich Portable Air Conditioner P09B &amp; P12B Service and Parts Manual</a></p> <p>This manual provides detailed service and parts information for Friedrich Portable Air Conditioners, models P09B and P12B. It includes troubleshooting guides, appearance diagrams, control panel functions, remote control operation, technical specifications, refrigerator system and wiring diagrams, an exploded view with parts list, and warranty information.</p>
	<p><a href="#">Friedrich KUHL Room Air Conditioner Limited Warranty Information</a></p> <p>This document details the limited warranty for Friedrich KUHL Room Air Conditioners, covering parts for the first year and the sealed refrigerant system for the second through fifth years. It outlines warranty applicability, limitations, how to obtain service, and proof of purchase requirements.</p>

	<p><a href="#">Friedrich Uni-Fit Through-the-Wall Air Conditioners: Smart, Quiet, Efficient Cooling</a></p> <p>Discover the Friedrich Uni-Fit Series of through-the-wall room air conditioners, featuring smart Wi-Fi control, QuietMaster technology for superior quietness, and energy-efficient operation. Explore model specifications and installation benefits.</p>
	<p><a href="#">Friedrich Electronic Window Air Conditioner Operating Instructions</a></p> <p>Comprehensive operating instructions for Friedrich Electronic Window Air Conditioners, covering safety, installation, operation, maintenance, and troubleshooting for models CCW15B10A, CCW18B30A, CCW24B30A, CEW18B33A, and CEW24B33A.</p>
	<p><a href="#">Friedrich Chill Premier Series Room Air Conditioners Installation and Operation Manual</a></p> <p>Comprehensive installation and operation manual for Friedrich Chill Premier Series Room Air Conditioners, covering safety, installation, operation, troubleshooting, and warranty information for models CCW15B10B, CCW18B30B, CCW24B33B, CEW18B33B, and CEW24B33B.</p>
	<p><a href="#">Friedrich QuietMaster Electronic Room Air Conditioner Operating Guide and Warranty</a></p> <p>Comprehensive operating guide and limited warranty information for Friedrich QuietMaster Electronic Room Air Conditioners, including model details, usage instructions, troubleshooting, and maintenance.</p>