

Philco PAC12FB

Philco 12000 BTU/h Frio PAC12FB Split Inverter Air Conditioner - 220 Volts User Manual

Model: PAC12FB | Brand: Philco

1. INTRODUCTION

Thank you for choosing the Philco 12000 BTU/h Frio PAC12FB Split Inverter Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning unit. Please read it thoroughly before using the appliance and keep it for future reference.

This model features Eco Inverter technology for up to 70% energy savings and 40% faster cooling. It boasts an 'A' energy efficiency rating, quiet operation, and extended lifespan. Key features include a washable antibacterial and anti-dust filter, a copper coil for enhanced corrosion resistance, anti-corrosion paint, and GoldFin protection on the outdoor unit for superior durability against oxidation and salt air.

2. SAFETY INFORMATION

Important: Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel. Improper installation can lead to electric shock, fire, or water leakage.
- **Electrical Safety:** Ensure the power supply matches the unit's requirements (220 Volts). Do not use damaged power cords or plugs. Never operate the unit with wet hands.
- **Refrigerant:** This unit uses R32 ecological refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Obstruction:** Do not block the air inlet or outlet of either unit.
- **Children:** Keep children away from the unit and remote control.

3. PRODUCT COMPONENTS

Your Philco air conditioner system consists of an indoor unit, an outdoor unit, and a remote control. Familiarize yourself with these components for optimal use.



Figure 3.1: Overview of the Philco PAC12FB Split Inverter Air Conditioner, showing both the indoor and outdoor units, along with the remote control. The indoor unit displays '22' and the outdoor unit features a 'Serpentina Cobre' (Copper Coil) badge.

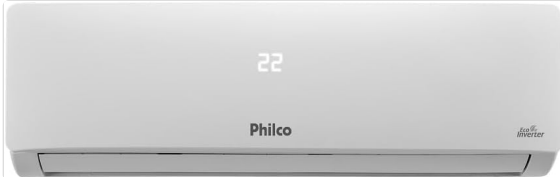


Figure 3.2: Front view of the indoor unit of the Philco PAC12FB air conditioner, displaying '22' on its digital screen and the 'Eco Inverter' logo on the right.



Figure 3.3: Side view of the outdoor unit, highlighting the fan grille and the 'Philco' brand name. A 'Serpentina Cobre' (Copper Coil) badge is visible, indicating enhanced durability.



Figure 3.4: The remote control for the Philco PAC12FB air conditioner, featuring various buttons for mode selection, temperature adjustment, timer, and other functions.



Figure 3.5: Angled view of the indoor unit, showing the 'Philco' logo and 'Eco Inverter' branding. The digital display shows '22'.



Figure 3.6: The indoor unit with its air outlet louvers open, indicating active operation. The digital display still shows '22'.

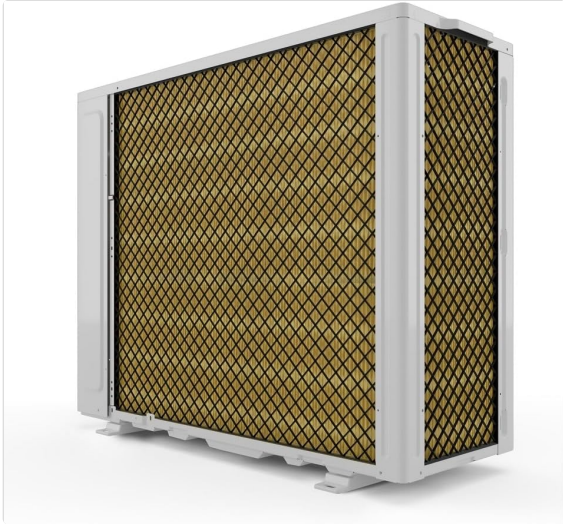


Figure 3.7: Rear view of the outdoor unit, showcasing the GoldFin protection on the condenser coils, designed for enhanced corrosion resistance.

4. SETUP AND INSTALLATION

The Philco PAC12FB Split Inverter Air Conditioner requires professional installation. Please contact a certified technician for proper setup to ensure optimal performance and safety.

- **Location:** Choose a location for both indoor and outdoor units that allows for proper airflow, drainage, and easy access for maintenance.
- **Electrical Connection:** Ensure the electrical wiring is correctly sized and protected by a circuit breaker. The unit operates on 220 Volts.
- **Drainage:** Ensure the condensate drain hose is properly installed to allow for efficient water removal.
- **Wi-Fi Connectivity (Optional):** This unit supports Wi-Fi installation. A Philco Home Smart Wi-Fi Kit (sold separately) is required for connectivity with Google and Alexa. Refer to the Wi-Fi kit's manual for specific setup instructions.

5. OPERATING INSTRUCTIONS

Use the remote control (refer to Figure 3.4) to operate your air conditioner. Point the remote control directly at the indoor unit when pressing buttons.

5.1 Basic Operation

- **Power ON/OFF:** Press the **Power** button (usually green) to turn the unit on or off.
- **Temperature Adjustment:** Use the **+** and **-** buttons to set your desired temperature.

5.2 Operating Modes

- **Cool (Frio):** Provides cooling. Adjust temperature as desired.
- **Fan (Ventilar):** Circulates air without cooling. Fan speed can be adjusted.
- **Dehumidify (Desumidificar):** Reduces humidity in the room.
- **Turbo:** Activates maximum cooling or heating power for rapid temperature change.
- **Automatic (Automático):** The unit automatically selects the operating mode and fan speed based on the room temperature and your set temperature.
- **Silent (Silencio):** Operates at a lower fan speed to minimize noise.
- **Sleep (Dormir):** Adjusts the temperature gradually during the night for comfortable sleep and energy saving.
- **Oscillate (Oscilar):** Automatically moves the air louvers to distribute air evenly throughout the room.

5.3 Special Functions

- **Timer:** Program the unit to turn on or off automatically within a 24-hour period.
- **Auto Restart:** In case of a power outage, the unit will automatically resume operation with the last settings once power is restored.
- **Emergency Button:** Located on the indoor unit, this button allows manual operation without the remote control. Consult your installer for its exact location and usage.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your air conditioner.

6.1 Air Filter Cleaning

The unit is equipped with a washable antibacterial and anti-dust filter. Clean it regularly (every 2-4 weeks, depending on usage and air quality).

1. Turn off the unit and disconnect it from the power supply.
2. Open the front panel of the indoor unit.
3. Carefully remove the air filters.
4. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
5. Allow the filters to dry completely in a shaded area before reinstalling. Do not expose to direct sunlight.
6. Reinstall the filters and close the front panel.

6.2 General Cleaning

- Wipe the indoor and outdoor units with a soft, damp cloth.
- Do not use chemical solvents, gasoline, or polishing powder.
- Ensure the outdoor unit's coils are free from debris. For deep cleaning of outdoor coils, consult a professional.

7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries low; Circuit breaker tripped.	Check power connection; Replace batteries; Reset circuit breaker.
Insufficient cooling	Air filter dirty; Temperature setting too high; Doors/windows open; Outdoor unit obstructed.	Clean air filter; Lower temperature; Close doors/windows; Clear obstructions.
Unusual noise	Loose parts; Unit not level; Debris in fan.	Contact professional service; Ensure unit is level; Check for debris.
Water leakage from indoor unit	Drain hose blocked or improperly installed.	Check and clear drain hose; Ensure proper slope. Contact professional if issue persists.

If the problem persists after attempting these solutions, please contact qualified service personnel.

8. SPECIFICATIONS

Feature	Detail
Brand	Philco
Model	PAC12FB
Capacity	12000 BTU/h
Function	Cooling (Frio)
Voltage	220 Volts
Inverter Type	Eco Inverter
Energy Efficiency	Class A
Refrigerant Gas	R32 (Ecological)
Coil Material	Copper
Corrosion Protection	Anti-corrosion paint, GoldFin on condenser
Special Features	Antibacterial and anti-dust filter, Wi-Fi ready (kit sold separately), Emergency button, Auto Restart, Sleep function, Oscillate function, Timer function, Automatic operation mode.
Compressor Type	Rotary Scroll
Control Method	Remote Control

9. WARRANTY AND SUPPORT

Your Philco PAC12FB Split Inverter Air Conditioner comes with a **10-year warranty on the compressor**, providing extended peace of mind regarding the core component of your unit. For other components, please refer to the specific warranty terms provided at the time of purchase.

For technical assistance, warranty claims, or to purchase the optional Wi-Fi kit, please contact Philco customer support or an authorized service center. Contact details can typically be found on the Philco official website or in your purchase documentation.

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