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Whirlpool SPIW 312 L

Whirlpool SPIW 312 L Monosplit Inverter Air Conditioner User Manual

Model: SPIW 312 L | Brand: Whirlpool

1. Important Safety Information

Please read this manual carefully before installing and using your air conditioner. Keep this manual for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury.

- Installation must be performed by qualified personnel in accordance with national wiring standards.
- Do not operate the air conditioner with wet hands.
- Do not block air inlets or outlets.
- Ensure the unit is properly grounded.
- Keep children away from the unit.
- Do not attempt to repair the unit yourself. Contact qualified service personnel.
- The unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.

2. Product Overview

The Whirlpool SPIW 312 L is a 12000 BTU Monosplit Inverter Air Conditioner designed for efficient climate control. It features advanced Inverter technology for continuous compressor speed regulation and the intuitive 6th Sense function for automatic temperature and humidity adjustment.

2.1. Components

- **Indoor Unit:** Responsible for circulating conditioned air within the room.
- **Outdoor Unit:** Contains the compressor and condenser, responsible for heat exchange with the outside environment.
- **Remote Control:** Used to operate and adjust the air conditioner settings.

2.2. Product Images



Figure 2.1: Indoor Unit. This image shows the sleek white indoor unit of the Whirlpool SPIW 312 L air conditioner, designed to blend seamlessly into modern interiors. It features a digital display and the '6th Sense' logo.



Figure 2.2: Outdoor Unit. This image displays the robust outdoor unit of the Whirlpool SPIW 312 L, featuring a large fan grille and the 'Whirlpool InverterPlus' branding, indicating its advanced technology.



Figure 2.3: Remote Control. This image shows the ergonomic remote control for the Whirlpool SPIW 312 L, with clearly labeled buttons for various functions like On/Off, Mode, Fan, Swing, Timer, and a digital display for settings.

3. Setup and Installation

The Whirlpool SPIW 312 L is a split-system air conditioner, requiring professional installation. Improper installation can lead to electric shock, fire, water leakage, and other hazards. It is highly recommended to have the unit installed by a certified technician.

3.1. Pre-Installation Checks

- Ensure the installation site can support the weight of both indoor and outdoor units.
- Verify that the power supply meets the unit's electrical requirements (240 Volts).
- Ensure proper drainage for the indoor unit.

3.2. Initial Use

After professional installation, ensure the unit is connected to a stable power source. Insert batteries into the remote control. The unit is now ready for operation.

4. Operating Instructions

Your Whirlpool air conditioner can be operated using the supplied remote control. Familiarize yourself with the buttons and display on the remote for optimal use.

4.1. Remote Control Functions

Refer to Figure 2.3 for a visual guide to the remote control layout.

- **On/Off Button:** Powers the unit on or off.
- **Mode Button:** Cycles through operating modes:
  - **Cool:** For cooling the room.
  - **Heat:** For heating the room.
  - **Fan:** Circulates air without cooling or heating.
  - **Dry (Dehumidifier):** Reduces humidity in the room.
  - **Auto:** Automatically selects the appropriate mode based on room temperature.
- **Fan Speed Button:** Adjusts the fan speed (Low, Medium, High, Auto). The unit also features 3 ventilation speeds.
- **Swing U/D (Up/Down) & Swing L/R (Left/Right) Buttons:** Controls the direction of airflow.
- **Temperature Adjustment Buttons (▲/▼):** Increases or decreases the desired temperature.
- **6th Sense Function:** Activates the intelligent 6th Sense mode, which automatically adjusts temperature and humidity for optimal comfort with a single touch.
- **Sleep Function:** Optimizes temperature and fan speed for comfortable sleep, often increasing temperature slightly during cooling or decreasing during heating over time.
- **Timer On/Off:** Sets a timer for the unit to turn on or off automatically.
- **Jet Function:** Provides rapid cooling or heating.
- **Dim Function:** Dims the display lights on the indoor unit.
- **Super Silent Function:** Operates the unit at the lowest possible noise level.
- **Self Clean Function:** Initiates a self-cleaning cycle for the indoor unit.

5. Maintenance

Regular maintenance ensures the longevity and efficient operation of your air conditioner. Always disconnect power before performing any maintenance.

5.1. Air Filter Cleaning

The air filters should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before re-installing.
5. Close the front panel.

5.2. Unit Cleaning

- Wipe the indoor unit with a soft, dry cloth. For stubborn dirt, use a damp cloth with a neutral detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or hot water.
- The outdoor unit should be checked periodically for debris accumulation around the coils. This should ideally be done by a professional.

6. Troubleshooting

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries dead; Timer set to OFF.	Check power supply; Replace batteries; Cancel timer setting.
Insufficient cooling/heating	Air filters dirty; Air inlet/outlet blocked; Room too large; Doors/windows open.	Clean air filters; Remove obstructions; Close doors/windows; Ensure unit capacity matches room size.
Strange noises	Gurgling sound (refrigerant flow); Cracking sound (expansion/contraction of plastic parts).	These are normal operating sounds. If noise is excessive or unusual, contact service.
Water dripping from indoor unit	Drain hose blocked or kinked; Unit not level.	Check and clear drain hose; Ensure unit is level (professional assistance may be needed).

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

7. Specifications

Feature	Detail
Brand	Whirlpool
Model Number	853120201110 (SPIW 312 L)
Product Dimensions (L x W x H)	818 x 217 x 270 cm (Indoor Unit); 1.5 kg (Weight)
Energy Efficiency	High (A++ Class)
Cooling/Heating Capacity	12000 BTU
Installation Type	Split-system
Special Features	Inverter Compressor, 6th Sense Technology, Dehumidifier Function, 3 Fan Speeds, Sleep Function
Refrigerant Type	R32 Ecological Gas
Color	White
Voltage	240 Volts
Power	1967 Watts
Batteries Required/Included	Yes (Included)

8. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Whirlpool website for your region. Keep your purchase receipt as proof of purchase.

Spare Parts Availability: Information regarding the availability of spare parts for this model is currently unavailable.

For technical support, service requests, or further inquiries, please contact Whirlpool customer service through their official channels. You can usually find contact details on the Whirlpool website or in the product packaging.

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