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## PerfectAire 5PAC12000

# Perfect Aire 5PAC12000 Window Air Conditioner User Manual

Model: 5PAC12000 | Brand: PerfectAire

## INTRODUCTION AND OVERVIEW

The Perfect Aire 5PAC12000 is a 12,000 BTU flat panel window air conditioner designed to provide efficient cooling for spaces up to 550 square feet. This Energy Star-rated unit offers adjustable temperature settings, full-range air direction control, and three fan speeds for optimal comfort. It includes a full-function remote control with "Follow Me" portable thermostat technology, ensuring precise temperature management throughout the room. Automated modes like Auto, Sleep, Dry, and Energy-Saver provide convenience and efficiency, making it an ideal solution for cooling single rooms or other confined living spaces.



Image: Front-side view of the Perfect Aire 5PAC12000 Window Air Conditioner, showcasing its flat panel design and side vents.

## SETUP AND INSTALLATION

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Proper setup and installation are crucial for the optimal performance of your Perfect Aire window air conditioner. This section guides you through the necessary steps to ensure your unit is correctly sized for your room and properly installed in your window.

### Choosing the Right Unit: 4-Step Selection Process

Selecting the correct BTU rating for your room is essential for efficient cooling. Follow these four steps to determine the appropriate unit for your space:

1. **Measure:** Calculate the total square footage of the room by multiplying its length by its width in feet.
2. **Match:** Use the provided BTU chart (refer to the infographic image below) to match your room size with the recommended BTU rating.
3. **Confirm:** Measure the maximum height and width of your window opening in inches to ensure the unit will fit.
4. **Check:** Verify your electrical outlet configuration to ensure your circuit is adequate for the air conditioner's power requirements.



# AIR CONDITIONER

## 12,000 BTU WINDOW AC



**FOLLOW ME**  
Portable remote control thermostat feature for total room coverage

### WINDOW AC FEATURES

- Electronic controls
- Full range air direction control
- Temperature output range of 62°F–86°F (17°C–30°C)
- Auto, Sleep, Dry & Energy Saver modes
- Full function remote control
- 24 hour timer
- Window mounting kit
- Auto restart function
- Slide-out filter access

### CHOOSING

THE RIGHT SIZE AIR CONDITIONER FOR YOUR ROOM

**1 MEASURE AREA OF THE ROOM**

**CALCULATE ROOM SIZE**  
room length x room width = sq. ft.

**2 MATCH ROOM SIZE WITH CORRECT BTUs**

ROOM SIZE (sq. ft.)	BTUs	
150	10' x 15'	5,000
250	15.5' x 16'	6,000
350	17.5' x 20'	8,000
450	18' x 25'	10,000
550	22' x 25'	12,000
700	25' x 28'	15,000
1,000	31.25' x 32'	18,000
1,500	37.5' x 40'	25,000
2,000	40' x 50'	28,500

**3 CONFIRM WINDOW OPENING SIZE**

**MEASURE WINDOW OPENING IN INCHES**  
for thru-the-wall units,  
confirm & measure wall opening size in inches

**4 CHECK ELECTRICAL REQUIREMENTS**

OUTLET CONFIGURATIONS

15A-115V    15A-230V  
20A-230V    30A-230V

**DETERMINE IF YOUR CIRCUIT IS ADEQUATE**

5PAC12000	
UPC CODE	8-42149-02558-8
COOLING CAPACITY (BTU)	12,000
COVERAGE (sq. ft.)	450–550
EER	12.0
ENERGY STAR RATED	Yes
FAN SPEEDS (Cool/Fan)	3/3
AMPS	9.4
WATTS	1060
DECIBELS (Hi/Mi/Lo)	60/57/54
WINDOW WIDTH (Min./Max.) (in.)	23/36
WINDOW HEIGHT (Min.) (in.)	15.5
UNIT DIMENSIONS (WxHxD) (in.)	19 x 14 <sup>3/4</sup> x 22 <sup>1/4</sup>
PKG. DIMENSIONS (WxHxD) (in.)	22 <sup>1/4</sup> x 17 x 24 <sup>1/4</sup>
STUFFING QTY. (20'/40'/40' HQ)	185/390/467
WEIGHT (Net/Gross) (lbs.)	70/79
REFRIGERATION	R410A
OUTLET CONFIGURATION	15 AMP 115V



PA/SS\_5PAC12000/11292017

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[www.perfectaire.us](http://www.perfectaire.us)  
[support@perfectaire.us](mailto:support@perfectaire.us)

Image: Infographic detailing the 4-step selection process for choosing the right air conditioner, including room size to BTU conversion, window measurements, and electrical outlet types.

Your browser does not support the video tag.

Video: An instructional video from Perfect Aire explaining how to choose the correct window air conditioner unit for your space, covering room size, BTU requirements, window opening measurements, and electrical considerations.

### Window Compatibility

Perfect Aire window air conditioners are designed for easy installation in most single-hung or double-hung windows. These units typically come with accordion-style side panels that ensure a secure and airtight fit, preventing air

leakage and maximizing cooling efficiency.



Image: Close-up front view of the Perfect Aire 5PAC12000 unit, highlighting the control panel and adjustable air vents.

## OPERATING INSTRUCTIONS

Your Perfect Aire air conditioner is equipped with user-friendly controls and a remote for convenient operation. Familiarize yourself with the various settings to optimize your cooling experience.

### Control Panel Features

- **Power Button:** Turns the unit on or off.
- **Temperature Adjustment:** Use the '+' and '-' buttons to set your desired temperature (62°F - 86°F / 17°C - 30°C).
- **Mode Button:** Cycle through operating modes:
  - **Auto:** Automatically selects cooling or fan mode based on room temperature.
  - **Cool:** Provides active cooling.
  - **Dry:** Dehumidifies the air.
  - **Fan:** Circulates air without cooling.
- **Fan Speed:** Adjust fan speed (Auto, Low, Medium, High) for desired airflow.
- **Timer:** Set a timer for automatic on/off operation.
- **ECO Mode:** Energy-saving mode for reduced power consumption.
- **Sleep Mode:** Gradually increases temperature overnight for comfortable sleep and energy savings.
- **Filter Indicator:** Illuminates when the air filter needs cleaning.

## Remote Control with Follow Me Technology

The full-function remote control allows you to operate the unit from anywhere in the room. Its "Follow Me" portable thermostat technology senses the temperature at the remote's location, ensuring the unit cools to your exact comfort zone, not just near the unit itself.



Image: The remote control for the Perfect Aire air conditioner, showing its digital display for time and set temperature, along with buttons for mode, fan speed, timer, energy saver, follow me, sleep, and LED.

## MAINTENANCE

Regular maintenance ensures your air conditioner operates efficiently and prolongs its lifespan. The most important maintenance task is cleaning the air filter.

### Air Filter Cleaning

The unit features front-mounted, tilt-out air filter access for easy cleaning. When the filter indicator light illuminates on the control panel, it's time to clean the filter. Refer to your full user manual for detailed instructions on how to remove, clean, and reinsert the air filter.

- Clean the air filter regularly (e.g., every two weeks or when the indicator light appears).
- A clean filter improves air quality and maintains cooling efficiency.

## TROUBLESHOOTING

If your air conditioner is not operating as expected, review the following common issues before contacting customer support:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped circuit breaker, power cord issue.	Check power connection, reset circuit breaker, ensure power cord is not damaged.
Insufficient cooling.	Dirty air filter, incorrect temperature setting, room too large, open windows/doors.	Clean air filter, lower temperature setting, ensure room size matches BTU, close all openings.
Unit is noisy.	Loose installation, fan speed too high, foreign object in fan.	Ensure unit is securely installed, reduce fan speed, check for obstructions.

For more detailed troubleshooting steps, please refer to the complete user manual.

## SPECIFICATIONS

- **Brand Name:** PerfectAire
- **Model Info:** 5PAC12000
- **Item Weight:** 71 pounds
- **Product Dimensions:** 22.25 x 19 x 14.75 inches
- **Cooling Capacity:** 12,000 BTU
- **Coverage Area:** Up to 550 Square Feet
- **Adjustable Temperature Settings:** 62°F - 86°F (17°C - 30°C)
- **Fan Speeds:** Three (Low, Medium, High)
- **Operating Modes:** Auto, Cool, Dry, Fan, ECO, Sleep
- **Control Type:** Electronic controls with full function remote control
- **Special Features:** Remote Controlled, Follow Me portable thermostat technology, Front-mounted tilt-out air

filter access

- **Voltage:** 120 Volts
- **Refrigerant:** R 410A
- **Filter Type:** Mechanical Filter
- **Installation Type:** Window (fits most single-hung or double-hung windows)

## WARRANTY AND SUPPORT

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For detailed warranty information and customer support, please refer to the official Perfect Aire website or the full user manual provided with your product. You can also download the PDF user manual for comprehensive instructions and support:

[Download Full User Manual  
\(PDF\)](#)

For further assistance, you may contact Perfect Aire customer support directly. Contact information can typically be found in the full user manual or on the manufacturer's website.