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› Perfect Aire 4PATWH10002 10,000 BTU Thru-the-Wall Air Conditioner with Electric Heater User Manual

PerfectAire 4PATWH10002

Perfect Aire 4PATWH10002 Thru-the-Wall Air Conditioner with Electric Heater User Manual

Model: 4PATWH10002

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Perfect Aire 4PATWH10002 Thru-the-Wall Air Conditioner with Electric Heater. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Perfect Aire 4PATWH10002 is a versatile unit designed to provide both cooling and heating for spaces up to 450 sq. ft. It features 3 cooling and fan speeds, 1 heat speed, 4-way adjustable air vents, and multiple operating modes including Cool, Heat, Fan, Eco, and Sleep. The unit operates on a 230V power configuration.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using this appliance.
- This appliance must be properly grounded. Consult a qualified electrician if you are unsure.
- Do not operate the unit with a damaged cord or plug.
- Do not block air intake or exhaust openings.
- Always disconnect power before cleaning or servicing.
- Do not use this appliance near water or in excessively damp environments.
- Keep children away from the appliance.

PRODUCT FEATURES

The Perfect Aire 4PATWH10002 offers a range of features for optimal comfort and convenience:

- **Cooling and Heating:** Provides both cooling (10,000 BTU) and electric heating (10,600 BTU) capabilities.
- **Multiple Speeds:** 3 cooling and fan speeds, 1 heat speed for customized comfort.
- **Adjustable Air Vents:** 4-way adjustable air vents for directing airflow.
- **Operating Modes:** Cool, Heat, Fan, Eco, and Sleep modes.
- **Follow-Me Remote Control:** Remote control acts as a portable thermostat for precise temperature sensing.
- **24-Hour Timer:** Program the unit to turn on or off automatically.
- **Auto-Restart:** Unit automatically restarts with previous settings after a power outage.
- **Easy Clean Filter:** Slide-out filter for convenient maintenance.
- **Power Configuration:** Designed for 20A - 230 Volt power supply.

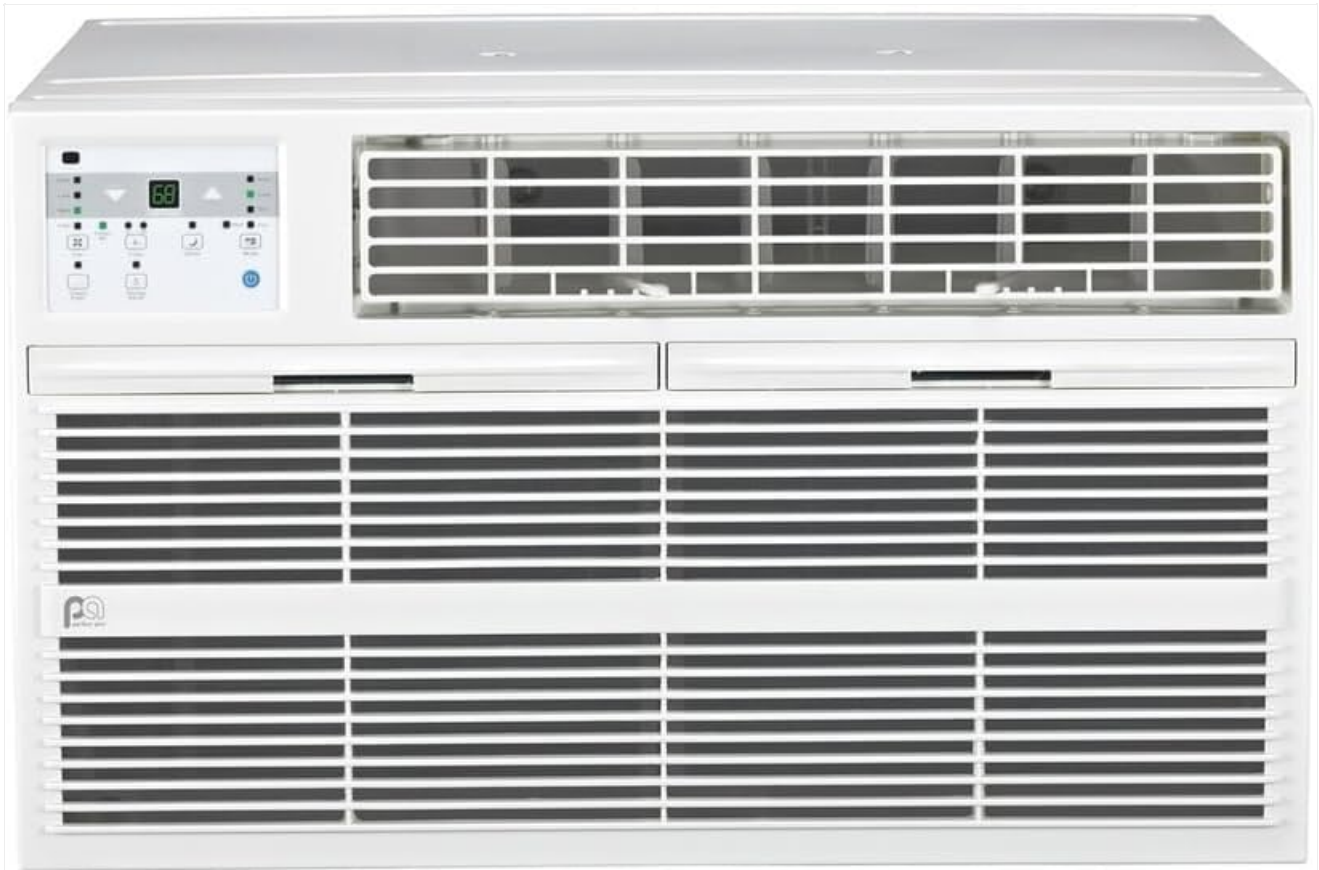


Image: Front view of the Perfect Aire 4PATWH10002 Thru-the-Wall Air Conditioner, showing the control panel and air vents.

COOLING & HEATING ALL IN ONE!

Maintain year-round comfort

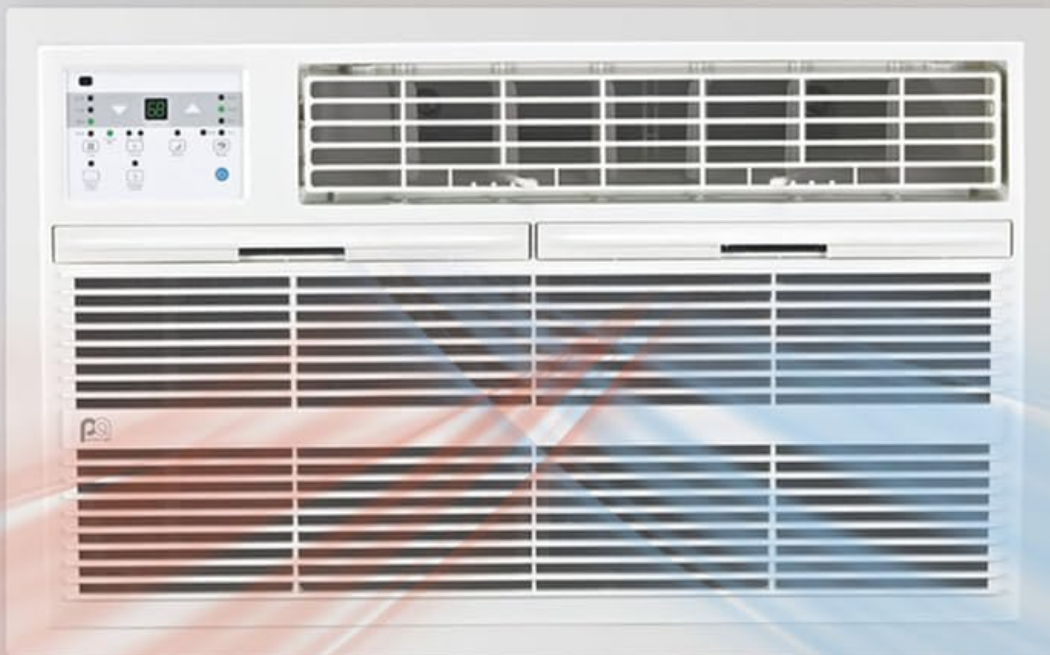


Image: Illustration demonstrating the cooling (blue air) and heating (red air) capabilities of the Perfect Aire 4PATWH10002 unit.

SETUP AND INSTALLATION

This unit is designed for thru-the-wall installation. Professional installation is recommended. Ensure the wall sleeve is properly installed and sealed before inserting the unit.

Power Requirements

The Perfect Aire 4PATWH10002 requires a dedicated 20A - 230 Volt electrical circuit. The power plug is designed for a 220/240V, 20A double breaker outlet. Verify your electrical system meets these requirements before installation.

UPC CODE	842149000639
COOLING CAPACITY (BTU)	10000
HEATING CAPACITY (BTU)	10600
ENERGY STAR	No
COVERAGE AREA (sq. ft.)	450
CEER	9.6
VOLTAGE	208/230V
AMPS	4.6/5.0
WATTS	1042/1022
FAN SPEEDS (cool/fan/heat)	3/3/1
UNIT DIMENSIONS (W×H×D) (in.)	24.25×14.25×20.25
PKG. DIMENSIONS (W×H×D) (in.)	28×17×27
WEIGHT (Net/Gross) (lbs.)	69/86
CONTAINER QTY. (40HQ)	306
REFRIGERANT	R32
OUTLET CONFIGURATION	 20A-230V

Image: A table detailing the specifications of the Perfect Aire 4PATWH10002, including cooling/heating capacity, voltage, amperage, dimensions, and an illustration of the required 20A-230V outlet configuration.

Unit Dimensions

The unit dimensions are approximately 24.25 inches (W) x 14.25 inches (H) x 20.25 inches (D). Ensure your wall sleeve accommodates these measurements.

THROUGH-THE-WALL AIR CONDITIONER

10,000 BTU

WITH 10,600 BTU ELECTRIC HEATER

4PATWH10002



**COOLING & HEATING
ALL IN ONE**



**QUICK & EASY
INSTALLATION**



**4-WAY ADJUSTABLE
AIR VENTS**



**FOLLOW ME
REMOTE CONTROL**

Image: Diagram showing the dimensions of the Perfect Aire 4PATWH10002 unit, indicating a width of 24.25 inches, height of 14.5 inches, and depth of 20.5 inches.

Initial Power-Up

1. After installation, ensure the unit is securely in place and all connections are firm.
2. Plug the unit into the dedicated 20A - 230V outlet.
3. Press the Power button on the control panel or remote control to turn on the unit.

OPERATING INSTRUCTIONS

Familiarize yourself with the control panel and remote control for optimal use.

FAN: 3 cooling & 1 heat speeds adjust to your comfort level

MODE: Choose from AUTO, COOL, DRY, HEAT and FAN modes

ENERGY SAVER: Energy saver mode reduces energy use and cuts electricity costs

TIMER: 24-hour timer

SLEEP: Sleep mode adjusts overnight temperatures for a comfortable night's sleep

CHECK FILTER: Indicator light reminds you to clean the filter



Image: Detailed view of the Perfect Aire 4PATWH10002 control panel and its remote control, highlighting features like fan speeds, operating modes, energy saver, timer, sleep mode, and filter check indicator.

Control Panel and Remote Functions

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Cycles through operating modes: Cool, Heat, Fan, Eco, Sleep.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High) in Cool and Fan modes. In Heat mode, there is one speed.
- **Temperature Up/Down Buttons:** Adjusts the desired temperature setting.
- **Timer Button:** Sets the 24-hour timer for delayed start or stop.
- **Sleep Mode:** Activates sleep function for quiet operation and gradual temperature adjustment overnight.
- **Eco Mode:** Optimizes energy consumption by cycling the compressor and fan.
- **Check Filter Light:** Illuminates to indicate when the air filter needs cleaning.
- **Follow Me Function (Remote Only):** When activated, the remote control acts as a portable thermostat, sensing the

temperature at its location and adjusting the unit accordingly.

Adjusting Airflow

The unit features 4-way adjustable air vents. Manually adjust the louvers to direct the airflow horizontally and vertically for optimal comfort in your space.

MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your air conditioner.

Cleaning the Air Filter

- 1. Disconnect Power:** Always unplug the unit before cleaning.
- 2. Remove Filter:** The unit features an easy-clean slide-out filter. Gently pull the filter out from its designated slot.
- 3. Clean Filter:** Wash the filter with warm, soapy water. Rinse thoroughly. For heavily soiled filters, a vacuum cleaner can be used first.
- 4. Dry Filter:** Allow the filter to air dry completely before reinserting. Do not expose to direct sunlight or high heat.
- 5. Reinstall Filter:** Slide the dry filter back into its slot.
- 6. Reset Filter Indicator:** After cleaning and reinstallation, press the "Check Filter" button (if available) or refer to the manual for specific instructions on resetting the filter indicator light.

Frequency: Clean the air filter every two weeks or more frequently if the unit is used in a dusty environment or if the "Check Filter" light illuminates.

Cleaning the Unit Exterior

- Wipe the exterior casing with a soft, damp cloth.
- Do not use harsh cleaners, waxes, or polishes.
- Ensure no water enters the electrical components.

Seasonal Storage

If storing the unit for an extended period, clean the filter and exterior, then cover the unit to protect it from dust.

TROUBLESHOOTING

Before contacting customer service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start.	No power; circuit breaker tripped; unit unplugged; timer set.	Check power cord connection; reset circuit breaker; ensure timer is off.
Unit not cooling/heating effectively.	Dirty air filter; blocked air vents; room too large; temperature setting incorrect; doors/windows open.	Clean air filter; clear obstructions from vents; ensure room size is within capacity; adjust temperature; close doors/windows.
Unit is noisy.	Loose parts; unit not level; fan obstruction.	Check for loose components; ensure unit is level; remove any fan obstructions.

Problem	Possible Cause	Solution
Water dripping inside.	Unit not level; drain pan full or blocked.	Ensure unit is slightly tilted outwards for proper drainage; check and clear drain pan/hose.
Remote control not working.	Dead batteries; obstruction between remote and unit.	Replace batteries; ensure clear line of sight to the unit's receiver.

If the problem persists after attempting these solutions, please contact Perfect Aire customer support.

SPECIFICATIONS

Feature	Detail
Model Number	4PATWH10002
Cooling Capacity	10,000 BTU
Heating Capacity	10,600 BTU
Coverage Area	Up to 450 sq. ft.
Voltage	230V
Amperage (Cooling/Heating)	4.6A / 5.0A
Wattage (Cooling/Heating)	1042W / 1022W
Fan Speeds (Cool/Fan/Heat)	3 / 3 / 1
Noise Level	62 dB
Refrigerant	R32
Unit Dimensions (W x H x D)	24.25 x 14.25 x 20.25 inches (approx.)
Net Weight	69 lbs (approx. 31.3 kg)
Power Source	Corded Electric
UPC Code	842149000639

WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical assistance, or to purchase replacement parts, please contact Perfect Aire customer support. Keep your purchase receipt and model number (4PATWH10002) readily available when contacting support. Visit the official Perfect Aire website for the most up-to-date warranty details and contact information: www.perfectaire.com



