

[Manuals.plus](#) /

> [Upstreman](#) /

> Upstreman UPI12 12000 BTU Mini Split Air Conditioner User Manual

Upstreman UPI12

Upstreman UPI12 12000 BTU Mini Split Air Conditioner User Manual

Model: UPI12 | Brand: Upstreman

1. INTRODUCTION

Thank you for choosing the Upstreman 12000 BTU Mini Split Air Conditioner. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new 230V, 20 SEER2 AC/Heating system. Please read this manual thoroughly before using the appliance and keep it for future reference.

Key Features:

- **Energy Efficient:** Features a high-power compressor and advanced inverter technology, saving up to 35% energy. ETL and AHRI certified with R32 Refrigerant and 20 SEER2 rating.
- **Instant Heating & Cooling:** Provides powerful, rapid climate control for rooms up to 750 sq ft, operating effectively from -4°F to 90°F.
- **Ultra-Quiet Operation & Smart Control:** Designed for peaceful sleep with ultra-quiet performance (as low as 25dB). Control temperature remotely via smartphone app, with an auto-dim display.
- **7-in-1 Versatility & Self-Cleaning:** Offers Cool, Heat, Dry, Fan, Auto, Sleep, and Eco Modes. The innovative Self-Clean function (136°F) sterilizes the indoor unit, and a washable filter ensures clean air.
- **Brackets Included & Warranty:** Comes with heavy-duty, waterproof mounting brackets (supports up to 600 lbs). Backed by an 18-month warranty and US-based customer support.

2. SAFETY INFORMATION

Your safety and the safety of others are very important. Please read and follow all safety instructions provided in this manual and on the appliance. Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual for assistance or additional information.

General Safety Precautions:

- **Professional Installation Recommended:** For optimal efficiency and longevity, professional installation by a licensed HVAC technician is strongly recommended.

- **Electrical Safety:** Ensure the power supply matches the unit's requirements (230V). All electrical wiring must comply with local and national electrical codes.
- **Refrigerant:** This unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- **Structural Support:** Ensure the wall is hard and firm enough to support the weight of both indoor and outdoor units to prevent vibration and damage.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and maintenance.

3. WHAT'S IN THE BOX

Your Upstreman Mini Split Air Conditioner comes with the following components:

COME IN TWO BOXES & PROFESSIONAL INSTALLATION NEEDED.

OUTDOOR WALL MOUNTING BRACKET INCLUDED.

* Due to the large size of this product, it will ship in two separate boxes. Please note that the actual delivery time may differ.

* Besides, for great experience, we recommend professional installation.



1. Indoor unit	2. Outdoor unit	1. Drain pipe	4. Connecting pipe (thin)
5. Connecting pipe (thick)	6. Mounting bracket	7. PVC protective tape	8. Drain nozzle
9. Cap	10. Sealed clay	11. Air conditioner manual	12. WiFi download guide
13. Install decorative panel 1	14. Install decorative panel 2	15. Battery	16. Remote control
17. Swelling glue	18. Indoor and outdoor connection cable (four-core)	19. Power cable (three-core)	20. Screws
21. Mounting bracket	22. Expansion bolt		

This image provides a detailed breakdown of all components included with the Upstreman Mini Split AC, along with dimensions for the indoor and outdoor units, indicating professional installation is recommended.

- Indoor Unit
- Outdoor Unit

- Drain Pipe
- Connecting Pipe (Thin)
- Connecting Pipe (Thick)
- Mounting Bracket (Heavy-duty, waterproof)
- PVC Protective Tape
- Drain Nozzle
- Cap
- Sealed Clay
- Air Conditioner Manual
- WiFi Download Guide
- Indoor and Outdoor Connection Cable (Four-core)
- Power Cable (Three-core)
- Install Decorative Panel 1 & 2
- Battery
- Remote Control
- Swelling Glue
- Screws
- Expansion Bolt

4. INSTALLATION

Proper installation is crucial for the performance and longevity of your mini split system. It is highly recommended that installation be carried out by qualified professionals. The following video provides a general guide to the installation process.

Installation Video Guide:

Your browser does not support the video tag.

This video provides a comprehensive guide for the installation of the Upstreman Mini Split Air Conditioner, covering steps for both indoor and outdoor units.

Key Installation Steps:

1. **Mounting Board Installation:** Install the metal installation board for the indoor unit. Use a level to ensure horizontal alignment and mark drilling points. Secure the board to the wall with screws.
2. **Indoor Unit Preparation:** Open the front panel of the indoor unit. Turn the indoor unit on its side to access the wiring.
3. **Electrical Wiring (Indoor Unit):** Pass the power cable out from the back of the indoor unit. Open the electric control box board, unscrew the wire clamp, and connect the wires to the terminal block according to the wiring diagram on the board. Tighten the wire clamp and close the control box board and indoor unit panel.
4. **Connecting Pipes Preparation:** Straighten the indoor and outdoor connecting pipes. Remove the caps from the outdoor unit connection pipes and connect them to the indoor unit. Tighten the caps with two wrenches.
5. **Drain Pipe Connection:** Connect the drain pipe to the indoor unit. Tighten the drain pipe joint with tape.
6. **Wrapping Pipes and Wires:** Wrap the connecting pipes with PVC protective tape tightly from the indoor unit connection to the outdoor unit connection, including the indoor unit power cord. When the tape reaches the drain pipe connection point, separate the drain pipe and continue wrapping. Separate the connecting pipes and power cord at about 11.8 inches from the end, wrap one connecting pipe first, then the other. Use tape to fix the separation point.
7. **Wall Hole Drilling:** Use a level to determine the location for drilling holes in the wall for indoor and outdoor

connecting pipes to pass through. Drill a hole with a diameter of 2.36 – 3.15 inches.

8. **Passing Pipes Through Wall:** Pass the wrapped indoor and outdoor connecting pipes, power cord, and drain pipe through the drilled hole.
9. **Mounting Indoor Unit:** Hang the indoor unit on the wall and ensure it is stable.
10. **Outdoor Unit Connections:** Use a wrench to unscrew the valve caps on the outdoor unit. Connect the thick and thin connecting pipes separately and tighten them with a wrench.
11. **Vacuumping:** Before vacuuming, check all nuts of the indoor and outdoor unit are tightened. Connect the vacuum pump to the low-pressure valve and evacuate for 20-30 minutes. Ensure the value on the pressure gauge is less than or equal to -0.1 MPa.
12. **Electrical Wiring (Outdoor Unit):** Unscrew the screws on the handle cover and open it. Pass the power cords through the holes. Secure the connection wires to the terminal block according to the wiring diagram on the handle cover. Tighten the wire clamp. Close the handle cover and tighten the screws.
13. **Releasing Refrigerant:** Remove the vacuum pump pipe and screw the red valve cover back on. Use a hexagon socket to loosen the valve counterclockwise. Tighten the valve caps and tighten them with a wrench.
14. **Finishing Touches:** To protect pipes and wires, install a pipe protecting ring and seal the gap with sealant.

5. OPERATING INSTRUCTIONS

Your Upstreman Mini Split AC offers various modes and smart control options for personalized comfort.

MORE FEATURES



This image showcases the smart control features and seven operating modes of the Upstreman Mini Split AC, including app control, 4D airflow, automatic defrost, a removable and washable filter, WiFi connectivity, and child lock.

Operating Modes:

- **Cool Mode:** Provides cooling to lower room temperature.
- **Heat Mode:** Provides heating to raise room temperature.
- **Dry Mode:** Dehumidifies the air.
- **Fan Mode:** Circulates air without heating or cooling.
- **Auto Mode:** Automatically selects the operating mode based on the room temperature.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.
- **Eco Mode:** Optimizes energy consumption while maintaining comfort.

Temperature Unit Switching (Celsius/Fahrenheit):

To switch between Celsius (°C) and Fahrenheit (°F) on your remote control:

1. Ensure the unit is in cooling or heating mode.
2. Press and hold the **plus (+)** and **minus (-)** buttons on the remote control simultaneously for 5 seconds.

Your browser does not support the video tag.

This video demonstrates how to switch the temperature display between Celsius and Fahrenheit on the remote control for the Upstreman Mini Split Air Conditioner.

Smart Control (App):

Control your air conditioner from anywhere using your smartphone. Refer to the included WiFi Download Guide for instructions on connecting your device to the app.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Upstreman Mini Split AC.

Self-Clean Function:

The innovative Self-Clean function operates at 136°F to automatically sterilize the indoor unit, helping to maintain clean air quality.

Washable Filter:

The unit features a washable filter for consistently fresh, clean air with minimal maintenance. Regularly clean the filter according to the instructions in the full air conditioner manual.

7. TROUBLESHOOTING

If you encounter issues with your Upstreman Mini Split AC, refer to the following common troubleshooting tips. For more detailed solutions, consult the comprehensive air conditioner manual.

- **Unit Not Turning On:** Check power supply, circuit breaker, and ensure the remote control batteries are functional.
- **Insufficient Cooling/Heating:** Verify correct mode selection, temperature settings, and ensure air filters are clean. Check for any obstructions to airflow.
- **Unusual Noises:** Minor noises during operation are normal. If loud or persistent, check for loose parts or obstructions.
- **Water Leakage:** Ensure the drain pipe is properly connected and not clogged.
- **WiFi Connectivity Issues:** Refer to the WiFi download guide for detailed setup instructions. Ensure your router is functioning correctly and the unit is within range.

If problems persist, contact Upstreman customer support for assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	Upstreman
Model Name	UPI12 Split-air conditioner
Capacity	1 Tons (12000 British Thermal Units)
Seasonal Energy Efficiency Ratio (SEER)	20
Voltage	230 Volts

Noise Level	40 Decibels
Refrigerant	R-32
Product Dimensions (D x W x H)	13.19"D x 33.86"W x 10.24"H
Item Weight	98.88 Pounds
Floor Area Coverage	Up to 750 Square Feet
Control Method	App, Remote
Special Features	4 Way Swing, Child Lock, Inverter Compressor, Remote Controlled, WiFi Enabled

9. WARRANTY AND SUPPORT

Your Upstreman Mini Split Air Conditioner is backed by a reliable **18-month warranty**. For any warranty claims or technical assistance, please contact Upstreman customer support. Our dedicated US-based customer support team is available to help you with any questions or issues you may have.

For further assistance, please refer to the contact information provided in your product packaging or visit the official Upstreman website.