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› HANTECH H-PRO 12000 BTU Split Air Conditioner User Manual

HANTECH H-PRO

HANTECH H-PRO 12000 BTU Split Air Conditioner User Manual

Model: H-PRO

1. INTRODUCTION

Thank you for choosing the HANTECH H-PRO 12000 BTU Split Air Conditioner. This unit is designed to provide optimal indoor climate control with its 4-in-1 functionality, offering heating, cooling, dehumidifying, and fan modes. Equipped with an air filter, WIFI connectivity, and a complete set of mounting materials, the H-PRO ensures comfort and convenience. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your air conditioning system.



Die Umgebungstemperatur nicht am Gerät, sondern an der Fernbedienung selbst messen.

So können Sie auch etwas weiter entfernt vom Gerät exakt die von Ihnen eingestellte Raumtemperatur genießen.



Image: HANTECH H-PRO Split Air Conditioner indoor and outdoor units.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before installation and operation. Keep this manual for future reference.

- **Professional Installation:** Installation, maintenance, and repair of this appliance must be performed by qualified and authorized personnel. Improper installation can lead to electric shock, fire, water leakage, or other hazards.
- **Electrical Safety:** Ensure the power supply matches the specifications of the unit (220V). Do not use extension cords or multi-outlet adapters. Always disconnect power before cleaning or servicing.
- **Refrigerant Handling:** This unit contains R32 refrigerant. R32 is a mildly flammable refrigerant. Handle with care and ensure proper ventilation during installation and servicing. Only qualified personnel should handle refrigerant.
- **Child Safety:** The unit includes a child lock feature. Keep children away from the unit and remote control to prevent accidental operation.
- **Emergency Switch:** Familiarize yourself with the location and operation of the emergency switch on the unit.

- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and heat dissipation.

3. PRODUCT OVERVIEW

The HANTECH H-PRO split air conditioner system consists of an indoor unit, an outdoor unit, and a remote control. Key features include:

- **4-in-1 Functionality:** Heating, Cooling, Dehumidifying, and Fan modes.
- **Air Filtration:** Integrated air filter for improved air quality, capable of filtering viruses, bacteria, and odors.
- **WIFI Connectivity:** Control your unit remotely via the Smart Life App on your smartphone or tablet.
- **I-Feel Function:** The remote control features a temperature sensor to ensure the desired temperature is maintained precisely where you are in the room.
- **Eco & Turbo Modes:** For energy efficiency or rapid temperature adjustment.
- **3D Airflow:** Ensures even distribution of air throughout the room, preventing direct drafts.
- **Self-Cleaning:** For easy maintenance and improved hygiene.
- **Quiet Operation:** Sleep mode offers reduced noise levels for undisturbed rest.

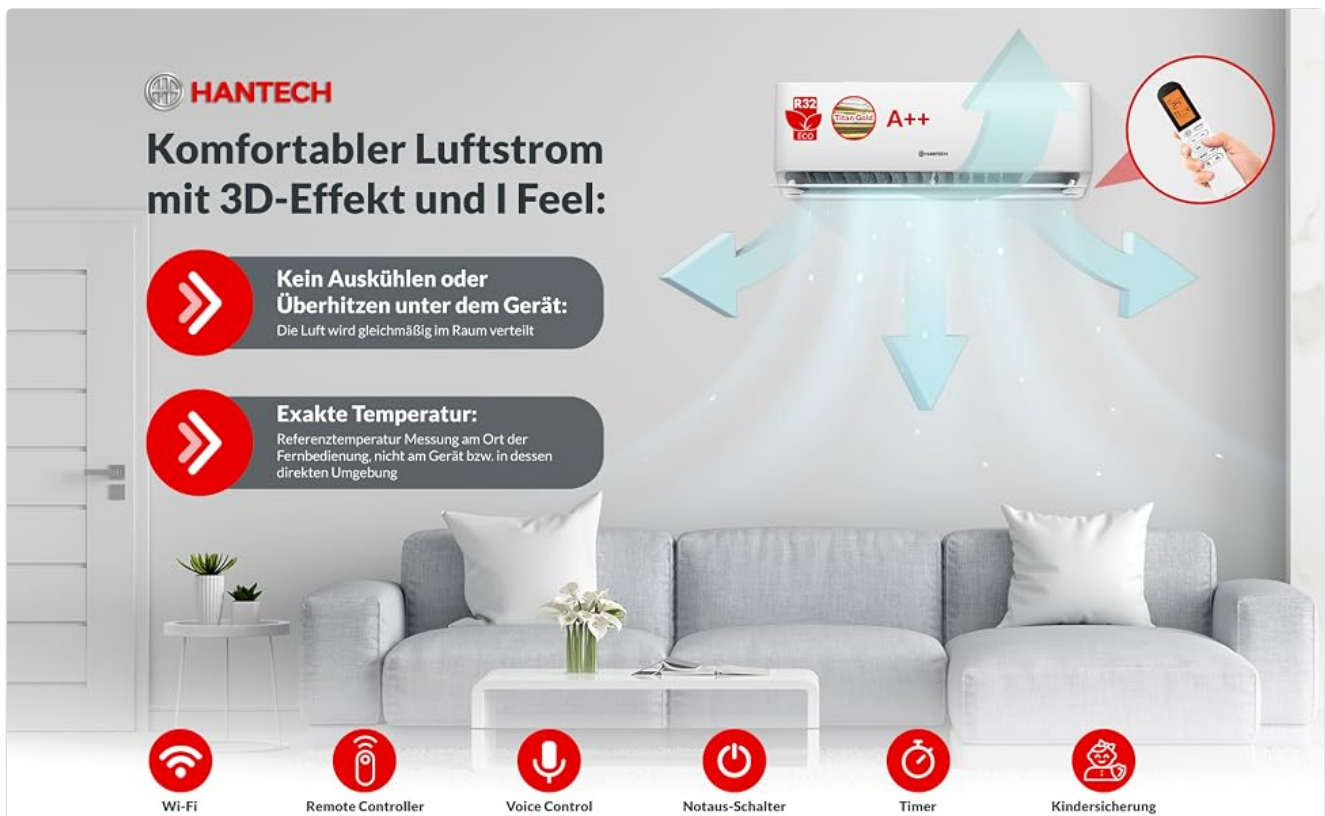


Image: Overview of HANTECH H-PRO air conditioner features.

4. SETUP

4.1. Installation

The HANTECH H-PRO comes as a complete set, including both indoor and outdoor units, along with all necessary mounting accessories. The outdoor unit is pre-filled with R32 refrigerant.

- **Professional Assistance:** Due to the nature of split air conditioning systems and the handling of refrigerant,

professional installation by a certified technician is strongly recommended to ensure safety, proper function, and warranty validity.

- **Mounting:** Use the provided mounting materials to securely install the indoor and outdoor units according to the detailed installation guide (separate document, if applicable). Ensure proper drainage for the indoor unit.
- **Electrical Connection:** Connect the unit to a dedicated 220V power supply. Ensure all electrical connections are secure and comply with local regulations.



Image: Technician installing the indoor unit of the air conditioner.

4.2. WIFI Setup (Smart Life App)

The H-PRO can be controlled via the Smart Life App. Follow these steps to connect your unit:

1. Download the 'Smart Life' app from your device's app store (available for Android and iOS).
2. Register or log in to your Smart Life account.
3. Ensure your air conditioner is powered on and within range of your Wi-Fi network.
4. In the app, tap '+' to add a device. Select 'Air Conditioner' or search for the device type.
5. **Pairing Mode:** The manual may not explicitly state how to enter pairing mode. Typically, this involves a specific button combination on the remote control (e.g., pressing a 'Mode' or 'Fan' button for several seconds). Refer to the specific instructions provided with your unit or consult the manufacturer's support for the exact remote key combination.
6. Follow the on-screen instructions in the app to complete the connection process.



Image: Smartphone displaying the Smart Life app interface for air conditioner control.

5. OPERATING INSTRUCTIONS

Your HANTECH H-PRO air conditioner can be operated using the included remote control or the Smart Life App.

5.1. Remote Control Functions

The remote control allows you to access all functions of the air conditioner.



Image: Close-up of the HANTECH air conditioner remote control.

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Mode Selection:** Cycle through Cooling, Heating, Dehumidifying, and Fan modes using the 'MODE' button.
- **Temperature Adjustment:** Use the '+' and '-' buttons to set your desired temperature.
- **Fan Speed:** Select from 4 different fan speed settings or a quiet sleep mode.
- **Timer Function:** Set a timer for automatic power on/off.
- **I-Feel Function:** Activate 'I-Feel' mode to use the temperature sensor in the remote control for precise room temperature monitoring.
- **Eco Mode:** Engages energy-saving operation. The unit will cycle the compressor on for 20 seconds every 10 minutes to measure ambient temperature once the desired temperature is reached.
- **Turbo Mode:** Provides rapid cooling or heating for quick temperature changes.
- **Child Lock:** Activates a child lock to prevent unintended operation.
- **Emergency Switch:** A physical emergency switch is located on the unit for manual operation if the remote is unavailable.



Image: Person using the remote control with the iFeel function to control the air conditioner.

5.2. App Control

Once connected to the Smart Life App, you can control all functions of your H-PRO air conditioner from your smartphone or tablet, even when you are away from home. The app interface mirrors the remote control functions, allowing for convenient scheduling and monitoring.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your HANTECH H-PRO air conditioner.

- **Self-Cleaning Function:** Utilize the unit's self-cleaning feature periodically to maintain internal hygiene and efficiency. Refer to the remote control or app for activating this function.
- **Air Filter Cleaning:** The air filter should be cleaned regularly (e.g., every two weeks, depending on usage and air quality). Turn off the unit, open the front panel of the indoor unit, remove the filters, and clean them with a vacuum cleaner or lukewarm water. Allow them to dry completely before reinserting.
- **Outdoor Unit Cleaning:** Keep the outdoor unit free from obstructions, leaves, and debris. Periodically clean the coils with a soft brush or vacuum.
- **General Cleaning:** Wipe the surfaces of both units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Frost Protection Mode (8°C):** This mode automatically activates heating if the room temperature drops to 8°C, preventing pipes from freezing in cold climates.



Image: Air conditioner with self-cleaning function indicated.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, circuit breaker tripped, remote control batteries low.	Check power supply, reset circuit breaker, replace remote control batteries. Use the emergency switch on the unit if remote is unresponsive.
Insufficient cooling/heating.	Dirty air filter, blocked outdoor unit, wrong mode selected, room too large.	Clean air filter, clear obstructions from outdoor unit, select correct operating mode, ensure unit capacity matches room size (up to 45 sqm).
WIFI connection issues.	Incorrect pairing procedure, router issues, app malfunction.	Ensure correct remote key combination for pairing mode. Restart router and unit. Reinstall Smart Life App.
Unusual noises.	Loose parts, foreign objects, refrigerant flow noise (normal).	Check for loose parts. If noise persists or is unusual, contact a qualified technician.
Water leakage.	Blocked drain hose, improper installation.	Check and clear drain hose. If issue persists, professional inspection is required.

The unit features **Intelligent Error Management**, which displays refrigerant leaks and operational errors. If an error code appears on the display, consult the full service manual or contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the HANTECH H-PRO 12000 BTU Split Air Conditioner:

Feature	Specification
Brand	HANTECH
Model Name	H-PRO
Cooling Capacity	12000 BTU
Special Feature	Heating and Cooling Function
Product Dimensions (D x W x H)	19D x 79W x 27H cm
Model Year	2022
Color	White
Voltage	220V
Noise Level	65 Decibel (Outdoor Unit Max)
Refrigerant	R-32
Power Source	Corded Electric
Wattage	2.6 KW
Item Weight	30 Kilogram
Control Method	App, Remote Control
Operating Modes	Heating, Cooling, Air Circulation, Dehumidifying
Form Factor	Mini-Split
Included Components	Split Air Conditioner (Indoor and Outdoor Unit)
Efficiency	A++
Annual Energy Consumption	149 kWh
Floor Area Coverage	Up to 45 Square Meters
BEE Star Rating	3 Stars

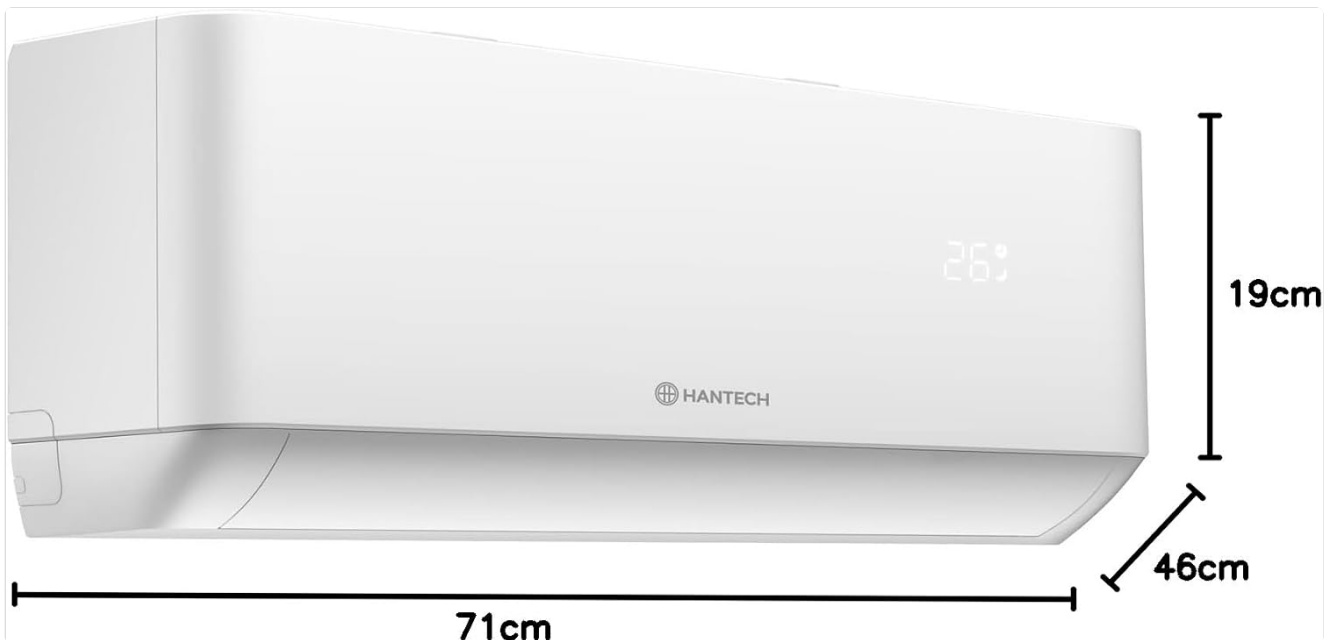


Image: Energy label for HANTECH H-PRO air conditioner showing efficiency ratings.



Image: Dimensions of the HANTECH H-PRO indoor unit.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. If you encounter any issues that cannot be resolved using the troubleshooting guide, please contact HANTECH customer support or your authorized service provider for assistance.

When contacting support, please have your model number (H-PRO) and purchase details readily available.