

HANTECH H-PRO

HANTECH H-PRO 9000 BTU Split Air Conditioner User Manual

MODEL: H-PRO

1. Introduction

Thank you for choosing the HANTECH H-PRO Split Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning system. Please read this manual thoroughly before installation and use, and keep it for future reference.

2. Safety Information

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Professional Installation Required:** Installation, maintenance, and repair of this appliance must be performed by a qualified and certified technician. Improper installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Refrigerant:** This unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- **Child Safety:** Keep children away from the unit and remote control. The integrated child lock function helps prevent unintended operation.
- **Emergency Stop:** A practical emergency stop switch is located directly on the unit for immediate shutdown.
- **Ventilation:** Ensure proper ventilation around the outdoor unit to prevent overheating.

3. Package Contents

The HANTECH H-PRO Split Air Conditioner package includes the following components:

- Indoor Unit
- Outdoor Unit
- Remote Control

- Mounting Accessories (including installation brackets)
- Pre-filled Refrigerant (R32) for 3m pipe length
- Condensate Drain Hose
- 3m Connecting Cable
- 1/4" Copper Pipe (3m)
- 3/8" Copper Pipe (3m)
- User Manual and Small Parts



Figure 3.1: Overview of HANTECH H-PRO Split Air Conditioner and included accessories.

4. Product Overview and Key Features

The HANTECH H-PRO is a versatile split air conditioning system designed for optimal climate control in your home or office. It offers multiple functions and intelligent features for enhanced comfort and energy efficiency.

4.1. 4-in-1 Climate Control

This unit provides comprehensive climate control with four primary functions:

- **Heating:** Efficiently warms your space.
- **Cooling:** Rapidly cools down rooms.
- **Ventilation:** Circulates air without changing temperature.
- **Dehumidification:** Reduces humidity levels for a more comfortable environment.



Gran variedad de funciones y modos

Descubra los versátiles modos de funcionamiento de los sistemas de aire acondicionado H-PRO y disfrute de un clima perfecto en todo momento. Ya sea enfriamiento rápido gracias al modo turbo, confort silencioso para dormir con el modo sleep u operación de ahorro de energía en modo eco: cada función se ha desarrollado para su comodidad individual.

Regálese lo mejor de la última tecnología y experimente un frescor inigualable en su propia casa.

 **HANTECH**

Figure 4.1: HANTECH H-PRO's versatile operating modes.

4.2. Integrated Air Filter

The H-PRO features an integrated filter system that cleans the air by removing viruses, bacteria, and unpleasant odors, contributing to a healthier indoor environment.

4.3. Quiet Operation

With a sound power level as low as 19dB(A) indoors, this system is among the quietest in its class, making it ideal for

bedrooms, offices, or other quiet spaces. In whisper mode, the device is barely perceptible.

4.4. iFeel Function

The remote control has an integrated sensor that measures the temperature at your current location and transmits this information to the unit. This ensures that the room temperature is regulated precisely where it matters most, providing accurate comfort.

The image shows a woman with long brown hair, wearing a blue ribbed sweater, lying down with her eyes closed and hands behind her head, appearing to be asleep. To her right is a white HANTECH remote control. The remote's LCD screen displays '23°C'. Above the screen, blue concentric circles represent a sensor's range. The remote has several buttons: a power button, 'GENTLE WIND', 'MODE', a fan speed control dial with 'FAN' in the center, 'I FEEL' (highlighted with a blue ring), 'TURBO', 'GEN', 'TIMER SLEEP', 'ECO DISPLAY', and 'HEALTH CLEAN'. At the bottom, there are indicators for 'CHILL / HOT' and '8°C'. The HANTECH logo is at the bottom center. On the far right edge of the remote, the word 'Ejemplo' is written vertically.

iFeel

Con iFeel, la temperatura ambiente no se mide en el aparato como de costumbre, sino en el propio mando a distancia. Esto significa que puedes disfrutar de la temperatura ambiente que hayas ajustado aunque estés un poco más lejos del aparato.

23°C

POWER GENTLE WIND MODE

FAN

I FEEL TURBO GEN

TIMER SLEEP ECO DISPLAY HEALTH CLEAN

CHILL / HOT 8°C

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Ejemplo

Figure 4.2: The iFeel function ensures precise temperature control.

4.5. Gentle Wind Technology

Innovative technology with up to 1,422 micro-holes creates a very soft and uniform airflow, preventing direct cold drafts and ensuring superior freshness. This allows for targeted air distribution throughout the room, rather than a concentrated flow.



HANTECH Gentle Wind



Tecnología innovadora

Hasta 1.422 microagujeros crean un flujo de aire muy suave y uniforme. Evita las corrientes de aire frío y directo y disfruta de un frescor superior.

Figure 4.3: Gentle Wind technology for comfortable air distribution.

5. Setup and Installation

The HANTECH H-PRO Split Air Conditioner requires professional installation due to its complex nature and the handling of refrigerant. It is crucial that installation is performed by a qualified and certified technician to ensure safety, proper functioning, and to maintain warranty validity.

- **Pre-installation Check:** Ensure all components listed in Section 3 are present and undamaged.
- **Site Selection:** Choose appropriate locations for both the indoor and outdoor units, considering air circulation, noise levels, and accessibility for maintenance.
- **Refrigerant Lines:** The unit comes with pre-filled R32 refrigerant for a 3m pipe length. For longer pipe runs, additional refrigerant may be required, and a vacuum must be pulled in the lines and indoor unit before opening the pre-filled outdoor unit.
- **Electrical Connection:** Connect the unit to a suitable power supply as per local electrical codes.
- **Drainage:** Ensure proper drainage for condensate water from the indoor unit.

Detailed installation instructions are provided in the separate installation guide included with your product. Please consult a professional HVAC technician for installation.

6. Operating Instructions

Your HANTECH H-PRO air conditioner can be controlled via the included remote control or through the dedicated smartphone application.

6.1. Operating Modes

Select the desired operating mode using the remote control or app:

- **Cooling Mode:** For rapid cooling.
- **Heating Mode:** For efficient warming.
- **Fan Mode:** Circulates air without heating or cooling. Features 4 speed levels.
- **Dehumidification Mode:** Reduces indoor humidity.
- **Eco Mode:** Operates with reduced compressor speed for energy saving, recommended for continuous operation.
- **Turbo Mode:** Activates maximum cooling or heating power to quickly reach the desired temperature. Useful after long absences or sudden temperature changes.
- **Sleep Mode:** Automatically protects against overcooling during sleep.
- **Frost Protection Mode:** Maintains rooms at a constant 8°C, ideal for protecting unoccupied rooms from cooling down in winter.

6.2. Timer Function

The 24-hour timer allows you to program the unit to turn on or off at specific times, optimizing energy usage and comfort.

6.3. App Control (Smart Life App)

The integrated WLAN module allows convenient control via the free Smart Life app (available for Android & iOS). You can easily adjust settings such as temperature, operating mode, timer, or fan speed from your smartphone or tablet, whether you are at home or away.



Para Android & iOS

Con la APP Smart Life, puedes controlar cómodamente tu sistema de aire acondicionado desde tu smartphone o tablet, tanto si estás tumbado en el sofá como si estás fuera de casa*.

*Conexión a Internet necesaria

Figure 6.1: Control your H-PRO with the Smart Life App.

7. Maintenance

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

7.1. Air Filter Cleaning

The integrated air filter should be cleaned regularly to maintain air quality and unit efficiency. Refer to the detailed instructions in the full manual for filter removal and cleaning procedures.

7.2. Automatic Self-Cleaning Function

The H-PRO features an automatic self-cleaning function, which helps keep the unit low-maintenance by preventing the buildup of dirt and dust particles on the heat exchanger. This function involves freezing, thawing, drying, and heating cycles to effectively remove contaminants and kill bacteria/viruses.

8. Troubleshooting

If you encounter issues with your HANTECH H-PRO air conditioner, refer to the following common troubleshooting tips. For more complex problems or error codes, consult the comprehensive troubleshooting section in the full user manual or contact customer support.

- **Unit Not Turning On:** Check power supply, circuit breaker, and ensure the unit is properly plugged in.
- **No Cooling/Heating:** Verify the selected mode, temperature setting, and ensure no obstructions are blocking airflow. Check if filters are clean.
- **Unusual Noises:** Minor noises during operation are normal. If loud or unusual noises occur, turn off the unit and contact a technician.
- **Water Leakage:** Check the condensate drain hose for blockages or improper installation.
- **Remote Control Not Working:** Check batteries and ensure no obstructions between the remote and the indoor unit.

9. Technical Specifications

Below are the key technical specifications for the HANTECH H-PRO 9000 BTU Split Air Conditioner:

Specification	Value
Brand	HANTECH
Model Number	H-PRO
Cooling Capacity	9000 BTU
Heating Capacity	2.6 KW
Energy Efficiency Class	A++
Annual Energy Consumption	149 kWh
Indoor Noise Level (min)	19 dB(A)
Outdoor Noise Level	65 dB
Refrigerant	R-32
Voltage	220 Volt
Indoor Unit Dimensions (DxWxH)	19T x 79B x 27H cm
Outdoor Unit Dimensions (DxWxH)	71.2 x 45.9 x 27.6 cm
Total Weight	30 Kilograms

Technical Specifications						
Model	White	-	HNT-WP09VMCL/I	HNT-WP12VMCL/I	HNT-WP18VMCL/I	HNT-WP24VMCL/I
Model	Black	-	HNT-WP09VMCL/I-B	HNT-WP12VMCL/I-B	HNT-WP18VMCL/I-B	HNT-WP24VMCL/I-B
		-	-	-	-	-
Controller Type		-	Remote Controller	Remote Controller	Remote Controller	Remote Controller
Cooling Capacity		bTU/h	9.000	12.000	17.500	23.300
		W	2.638	3.517	5.130	6.840
Heating Capacity		bTU/h	9.000	12.000	17.800	24.000
		W	2.638	3.517	5.220	7.050
Sound Information						
Sound Power	(S/H/M/L/Mute)	dB(A)	51/47/43/35/32	51/47/43/35/32	54/50/47/43/36	58/52/48/44/41
Sound Pressure	(S/H/M/L/Mute)	dB(A)	41/37/33/25/22	41/37/33/25/22	43/41/38//35/27	47/42/38/34/31
Fan Information						
Fan Type		-	Cross Flow	Cross Flow	Cross Flow	Cross Flow
Air Circulation	Cooling / Heating	m3/h	560/560	560/560	820/820	1100/1100
Electrical Information						
Power Supply		Volt, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Voltage Range		V	165-265	165-265	165-265	165-265
Operating Current	Cooling	A	0,2	0,2	0,34	0,6
	Heating	A	0,2	0,2	0,34	0,6
Power Consumption	Cooling	W	35	35	52	70
	Heating	W	35	35	52	70
Intermediate Installation Information						
Connecting Wiring		Core x Size	4x0.75mm ²	4x0.75mm ²	4x0.75mm ²	4x0.75mm ²
Connecting Wiring	Gas	Inc - (mm)	3/8" - (Ø9.52)	3/8" - (Ø9.52)	3/8" - (Ø9.52)	1/2" - (Ø12.7)
	Liquid	Inc - (mm)	1/4" - (Ø6.35)	1/4" - (Ø6.35)	1/4" - (Ø6.35)	1/4" - (Ø6.35)
Maximum Refrigerant Pipe Length		m	15	15	15	15
Maximum Difference In Level		m	10	10	10	10
Maximum Length Without Gas Charge		m	5	5	5	5
Additional Refrigerant Amount		Gr / Mt	15g/m	15g/m	20g/m	20g/m
Refrigerating Type		-	R32	R32	R32	R32
Other Information						
Application Area	Min. - Max.	m ²	9-16	14-22	20-35	27-45
Net Dimensions	W x H x D	mm	790x275x192	790x275x192	920x306x195	1100x333x222
Net Weight		kg	8	8	11	14
Packing Dimensions	W x H x D	mm	860x345x265	860x345x265	990x380x265	1165x405x295
Packing Weight		kg	10	10	13	17

"Measurement Conditions: Cooling indoor environment 27°C DT / 19°C WT, Cooling outdoor 35°C DT / 24°C WT, Heating indoor 20°C DT, Heating outdoor 7°C WT. (DT: Dry Thermometer; WT: Wet Thermometer) (EER and COP: EN 1451L SEER and SCOP: EN 14825 calculated according to measurement standards)."

Figure 9.1: Detailed Technical Specifications.

10. Warranty and Support

HANTECH products are designed for quality and reliability. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official HANTECH website. In case of any issues or for technical support, please contact HANTECH customer service.

Return Policy: Products can typically be returned within 14 days of receipt if unused. Please check the seller's return policy for full details.

Contact Information: For support, please visit the HANTECH store on Amazon or their official website.[HANTECH Amazon Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question