

PHILIPS

Hanging Air
Conditioner

Air Series

Full DC Inverter

Smart Core Self-wash

Auto Restart with Memory

One Touch Turbo

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Inverter 1.5HP Ab1 Series

Delivers quiet, efficient, and hygienic performance with 4-Star Energy Efficiency.

Ab1 Malaysia

- High-Efficiency Full DC Inverter
- Smart Core Self-wash
- Multi-Functional Composite Filter
- Auto Restart with Memory
- One Touch Turbo
- Sleep Mode
- DN Multi-Dimensional Noise Reduction System
- Automatic Vertical Louver Swing
- LED Backlight Display
- Filter Dirty Alarm

Highlights

High-Efficiency Full DC Inverter

Advanced DC inverter technology for compressors, indoor, and outdoor fan motors ensures faster cooling, higher efficiency, and lower energy consumption.

Smart Core Self-wash

Automatically captures moisture from the air to deeply clean the evaporator. This not only delivers cleaner airflow but also ensures long-lasting, powerful operation of the core.

Multi-Functional Composite Filter

Acts as a strong barrier against bacteria, effectively suppressing growth and ensuring cleaner healthier air output.

Auto Restart with Memory

Automatically restores previous settings (mode, temperature, fan speed, and swing) after a power outage—no need to reset manually.

One Touch Turbo

Delivers powerful cooling in as fast as 30 seconds, quickly creating a comfortable environment.

Sleep Mode

Automatically adjusts cooling based on ambient temperature and body temperature for a quieter, more restful night's sleep.

DN Multi-Dimensional Noise Reduction System

Optimized air duct design, advanced refrigerant flow, and structural engineering minimize noise for whisper-quiet operation.

Automatic Vertical Louver Swing

One-touch "Comfort Wind" function with automatic left-right sweep delivers personalized airflow to suit different preferences and age groups.

LED Backlight Display

Easy-to-read LED display for clear visibility, even at night.

Filter Dirty Alarm

Smart reminder after 1,000 hours of operation alerts you to clean the filter, ensuring optimal performance and healthier airflow.

Specifications

Classification

Air conditioning: Split air conditioning

Sustainable

Refrigerant: R32

Charged Volume(g): 460

Technical Specification

Voltage: 220-240 V

Frequency: 50/60Hz

Phase: 1

Energy Efficiency

Energy Rating: ★★★★★

Cooling T1

Capacity(W): 3600

Capacity(Btu): 12300

Power Input(W): 1091

Running Current(A): 4.9

EER(W/W): 3.3

EER(Btu/h/W): 11.27

CSPF(W/W): 5.23

CSPF(Btu/h/W): 17.84

Indoor Unit

Sound Levels(S/H/M/L/SL)(dB(A)):

43/38/32/27/25

Air Circulation(S/H/M/L/SL)(m³/h):

630/520/410/300/250

Net Dimension(WxHxD)(mm): 790x275x198

Package Dimension(WxHxD)(mm):

856X342X292

Net/Gross Weight(kg): 8.5/11

Outdoor Unit

Sound Levels(H)(dB(A)): 50

Net Dimension(WxHxD)(mm): 805X517X318

Package Dimension(WxHxD)(mm):

840x340x570

Net/Gross Weight(kg): 22.5/25

Piping Connection

Liquid(mm(inch)): φ6.35(1/4)

Gas(mm(inch)): φ9.52(3/8)

Chargeless Pipe Length

Chargeless Pipe Length(m): 5

Maximum Pipe Length

Maximum Pipe Length(m): 10

Maximum elevation Length

Maximum elevation Length(m): 5

