

PHILIPS

Hanging Air
Conditioner

Ab1 wall-mounted AC

WiFi Intelligent Control

Cold Plasma

High-Efficiency Full DC Invert

Smart Core Self-wash

FAC12CCAB1KBA2H



Ab1 wall-mounted AC

inverter, cooling

Ab1 Malaysia

- WiFi Intelligent Control
- High-Efficiency Full DC Inverter
- Cold Plasma
- Smart Core Self-wash
- 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

Ab1 wall-mounted AC

Hanging Air Conditioner

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Highlights

WiFi Intelligent Control

Connect to the Philips CoolHome App for convenient remote operation. Adjust settings anytime, anywhere for effortless comfort.

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.

Cold Plasma

Releases high-energy ions that break down harmful particles and neutralize bacteria, ensuring double-layer sterilization and fresher indoor air.

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.

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): 550

Technical Specification

Voltage: 220-240 V

Frequency: 50Hz

Phase: 1

Energy Efficiency

Energy Rating: ★★★★★

Cooling T1

Capacity(W): 3550

Capacity(Btu): 12113

Power Input(W): 866

Running Current(A): 4.1

EER(W/W): 4.1

EER(Btu/h/W): 13.99

CSPF(W/W): 6.3

CSPF(Btu/h/W): 21.5

Indoor Unit

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

43/37/32/29/24

Air Circulation(S/H/M/L/SL)(m³/h):

770/620/500/450/360

Net Dimension(WxHxD)(mm): 888x297x198

Package Dimension(WxHxD)(mm):

974x379x288

Net/Gross Weight(kg): 10.5/13

Outdoor Unit

Sound Levels(H)(dB(A)): 51

Net Dimension(WxHxD)(mm): 833X566X344

Package Dimension(WxHxD)(mm):

882X620X381

Net/Gross Weight(kg): 24/27

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

