

# PHILIPS

Split Air Conditioner  
Inverter 2.5HP Ab1

Air Series

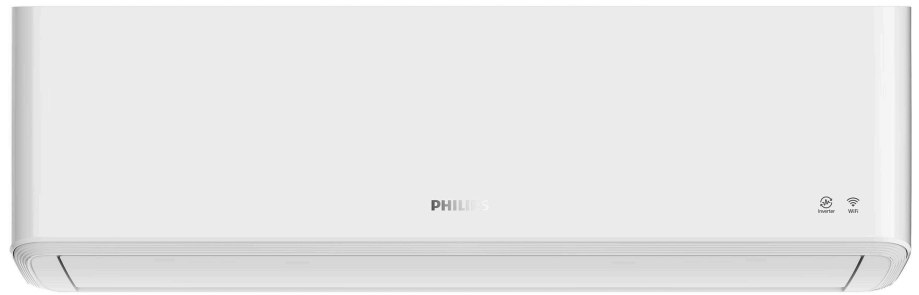
WiFi Intelligent Control

Cold Plasma

High-Efficiency Full DC Invert

Smart Core Self-wash

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## Split Air Conditioner Inverter 2.5HP Ab1 Series

wifi,cold plasma, efficient, and hygienic performance with 5-Star Energy Efficiency.

### 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

# 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): 1100

### Technical Specification

Voltage: 220-240 V

Frequency: 50/60Hz

Phase: 1

### Energy Efficiency

Energy Rating: ★★★★★

### Cooling T1

Capacity(W): 7474

Capacity(Btu): 25500

Power Input(W): 1916

Running Current(A): 8.6

EER(W/W): 3.9

EER(Btu/h/W): 13.3

CSPF(W/W): 6.2

CSPF(Btu/h/W): 21.15

### Indoor Unit

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

49/45/40/33/31

Air Circulation(S/H/M/L/SL)(m<sup>3</sup>/h):

1370/1170/970/770/720

Net Dimension(WxHxD)(mm): 1080X339X245

Package Dimension(WxHxD)(mm):

1156x422x348

Net/Gross Weight(kg): 15.5/19

### Outdoor Unit

Sound Levels(H)(dB(A)): 56

Net Dimension(WxHxD)(mm): 983X700X405

Package Dimension(WxHxD)(mm):

1040X760X452

Net/Gross Weight(kg): 41/45.5

### Piping Connection

Liquid(mm(inch)):  $\phi$ 6.35(1/4)

Gas(mm(inch)):  $\phi$ 12.7(1/2)

### Chargeless Pipe Length

Chargeless Pipe Length(m): 5

### Maximum Pipe Length

Maximum Pipe Length(m): 25

### Maximum elevation Length

Maximum elevation Length(m): 10

