



ROOF-TOP INTEGRATED INVERTER PARKING AIR CONDITIONER

User & Installation Manual

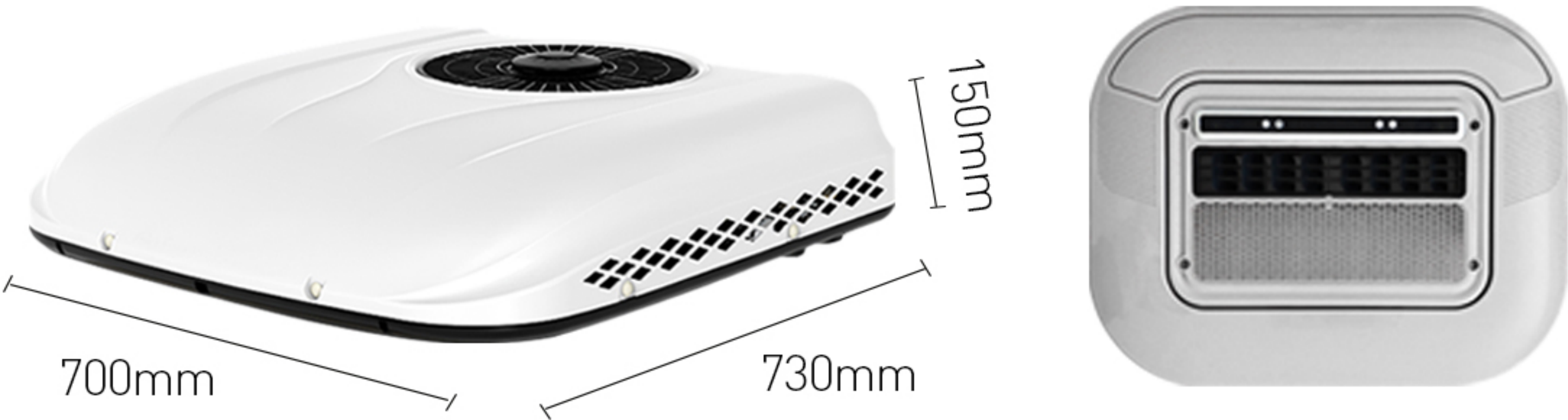
Efficient Cooling for Trucks & RVs
12V DC / 24V DC

Model: M5

PREFACE

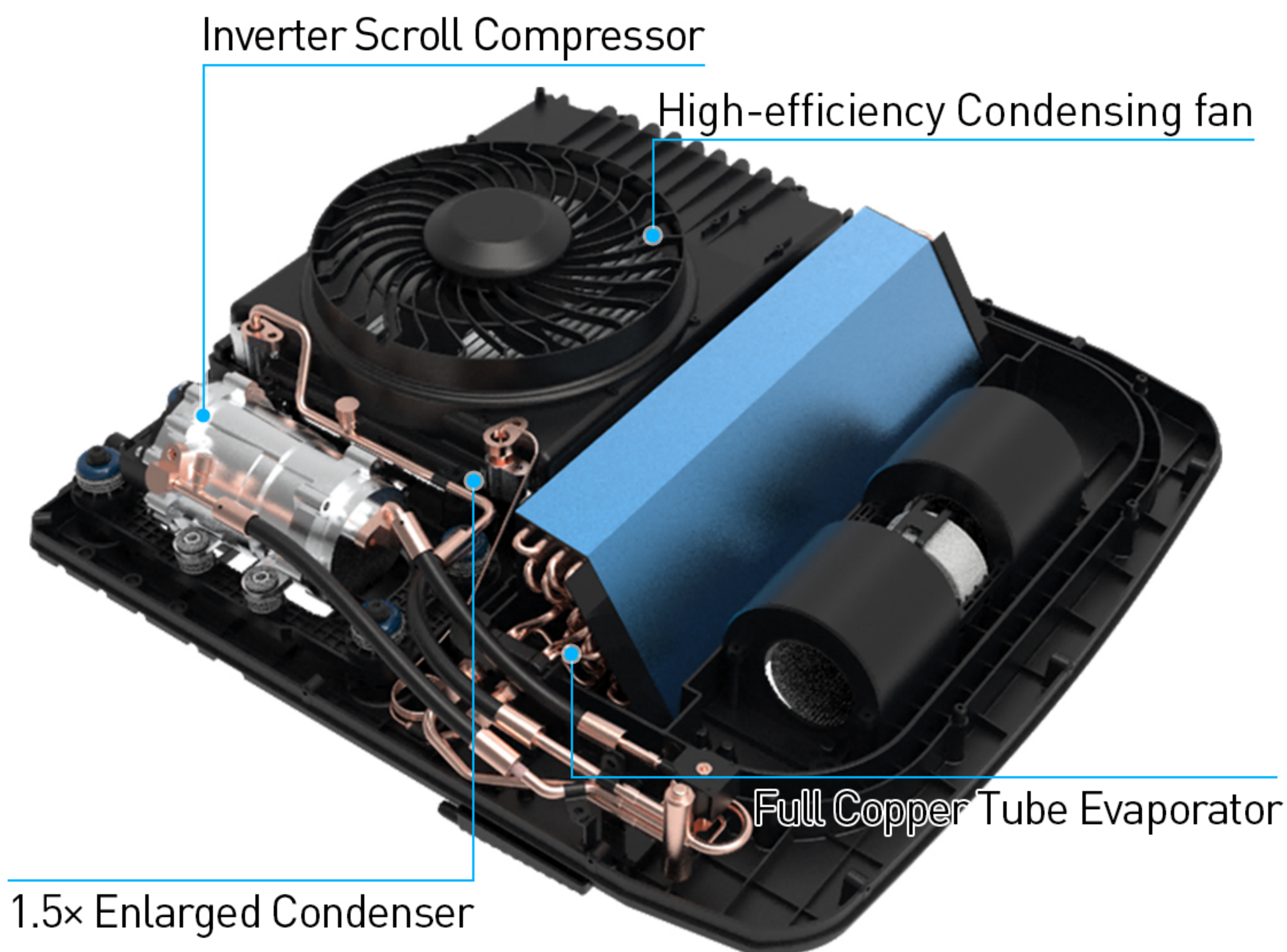
Thank you for choosing M5 parking air conditioner. It is designed for heavy trucks, light trucks, RVs and commercial vehicles. Please read this manual carefully before use and keep it properly. We reserve the right to upgrade product technology and specifications without prior notice. Product appearance shall prevail over the actual goods.

TECHNICAL SPECIFICATIONS



Noise value		40dB(A)
Air outlet volume		240-350m³/h
Interior unit size		374*258*67mm
Roof Cut Size (MAX)		360*450mm
Carton Specifications		830*850*310mm
Product weight		26kg
Voltage	12V	24V
Energy efficiency ratio	≥2.4	≥2.3
Rated power	400-660W	400-800W
Rated cooling capacity	7500BTU	8000BTU

PRODUCT HIGHLIGHTS



- ① Brand-new Streamlined Look, Lower Wind Resistance & Fuel Saving
- ② 8000BTU Inverter Scroll Compressor, Power-saving & Ultra Stable Operation
- ③ Dual Brushless Fans, Low Power, Low Noise, Long Lifespan
- ④ 1.5× Enlarged Condenser, Higher Heat Exchange Efficiency
- ⑤ 3-Row 7-Path Full Copper Evaporator, Fast Cooling, Corrosion Resistant & Durable
- ⑥ 120° Auto Swing Vent, Wide Airflow, No Direct Wind Blow
- ⑦ Built-in LED Reading Light, Extra Practical Cabin Lighting

REFRIGERANT PARAMETER

Refrigerant Type:	R134a
Standard Charging:	400 g ±10g
Working pressure (35°C):	Low 0.3MPa±0.05MPa / High 1.2MPa±0.1MPa

REMOTE CONTROL



1 Auto Mode

Auto operation, default 26°C, fan speed 1–6 gears.

2 Strong Mode

Max cooling, default 16°C, fan speed 3–6 gears.

3 Eco Mode

Default 26°C, fan speed 2–6 gears.

4 Sleep Mode

Energy-saving mode, Default 28°C, fan speed 1–6 gears.

5 Swing Flap

Auto air swing, prevent direct wind blow.

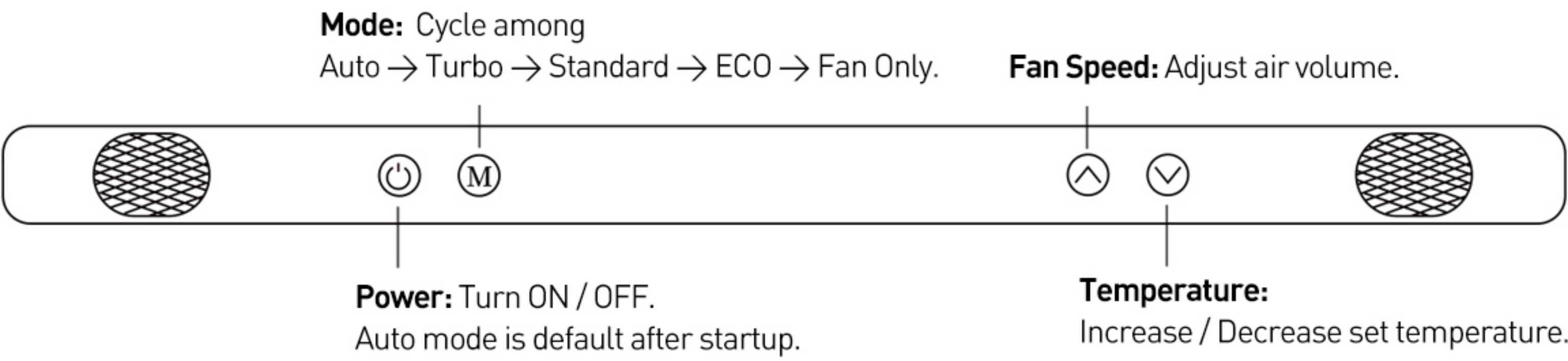
6 Fresh Air Mode

Fan only, compressor off, fan speed 1–6 gears.

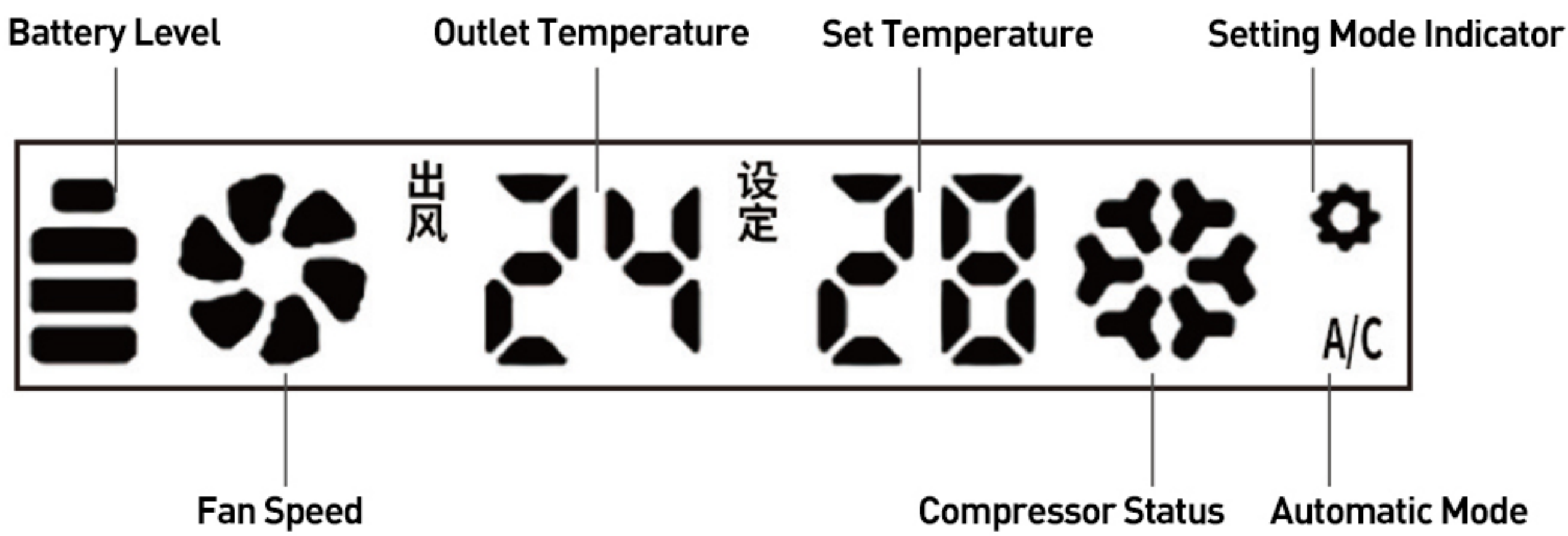
OPERATION INSTRUCTIONS

Quick Safety Tip: Cut off power before maintenance. Never put hands or foreign objects into air outlet during operation.

1. Controller Buttons & Functions



2. Display Screen Description



3. Low Voltage Protection Setting

Low voltage protection value display:

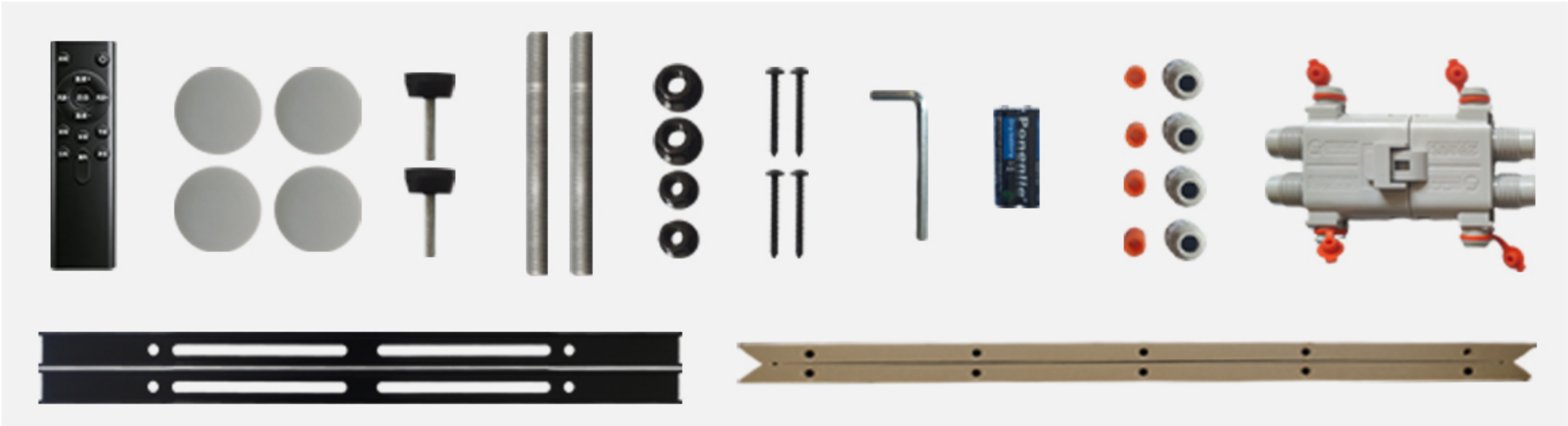


24V model: Adjustable 19V ~ 24V, factory default: 21V

12V model: Adjustable 9V ~ 12V, factory default: 10V

Operation: Adjust voltage via up/down keys when the unit is powered off.

PACKING LIST



No.	Name	Quantity
1	Main Air Conditioner Unit	1
2	Remote Controller	1
3	Decorative Panel	1
4	Installation Fittings Set	1

WARRANTY & DISCLAIMER

Warranty Terms

Warranty period: 1 year from the date of receipt. For failures and damages caused by normal use within warranty scope, we can provide corresponding spare parts for repair.

Disclaimer

- 1.Damage caused by incorrect installation, unauthorized modification or non-original parts is not covered by warranty;
- 2.Users shall take full responsibility for safety accidents caused by improper operation.