



ROOF-TOP INTEGRATED INVERTER PARKING AIR CONDITIONER

User & Installation Manual

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

Model: M7

| PREFACE

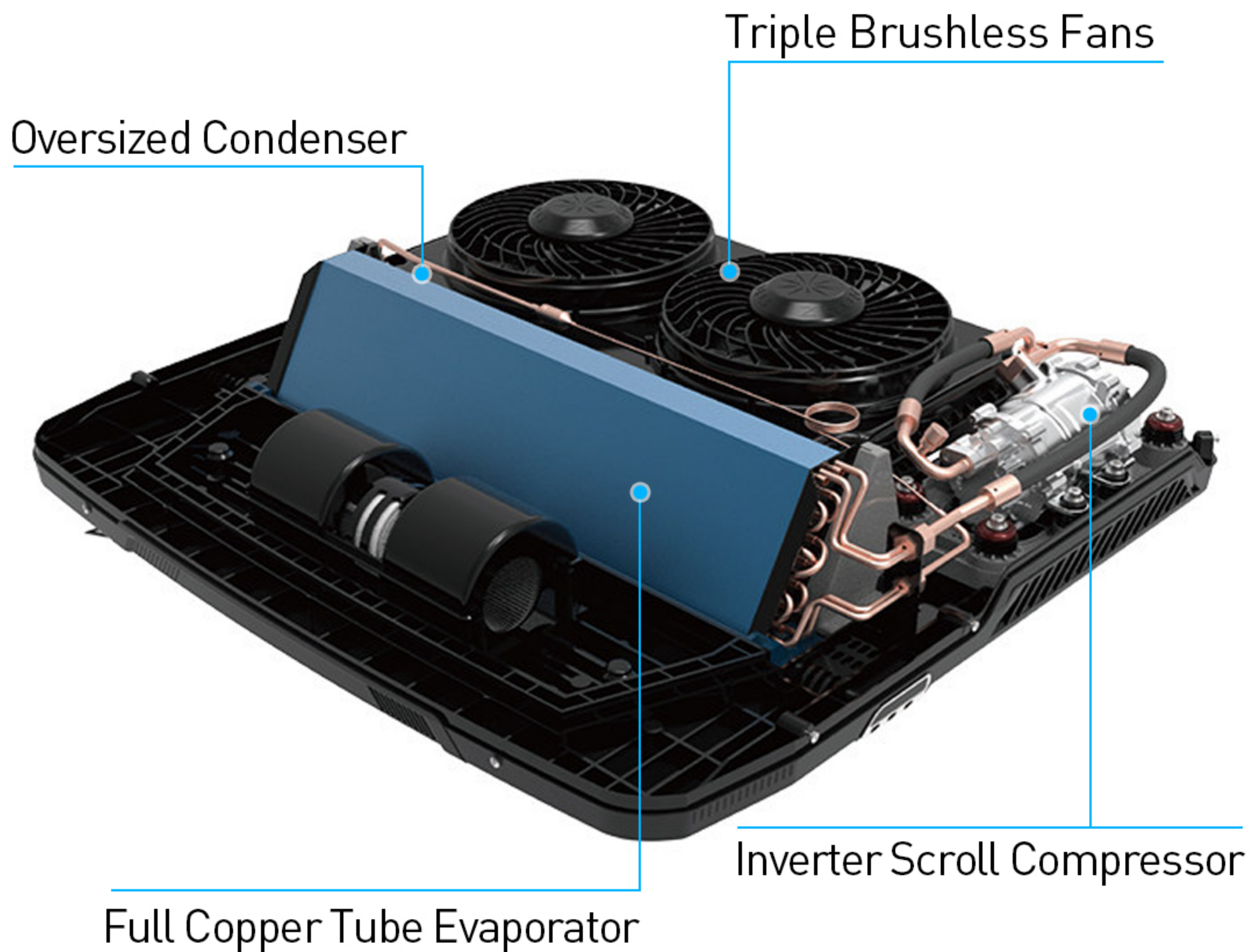
Thank you for choosing M7 parking air conditioner. It is designed for heavy trucks, light trucks, RVs and commercial vehicles. Please read this manual carefully before use and keep it properly. We reserve the right to upgrade product technology and specifications without prior notice. Product appearance shall prevail over the actual goods.

| TECHNICAL SPECIFICATIONS



Noise value		45dB(A)
Air outlet volume		240-450m³/h
Interior unit size		454*283mm
Roof Cut Size (MAX)		500*700mm
Carton Specifications		1000*910*440mm
Product weight		34.2kg
Voltage	12V	24V
Energy efficiency ratio	≥2.4	≥2.7
Rated power	400-750W	400-850W
Rated cooling capacity	8000btu	9500btu

PRODUCT HIGHLIGHTS



- ➊ Oversized Full Copper Evaporator, Fast heat transfer & anti-corrosion
- ➋ Enlarged Condenser, High-efficiency heat dissipation
- ➌ 9500BTU Inverter Scroll Compressor, Fast cooling & stable performance
- ➍ Triple Brushless Fans, Ultra quiet & low energy loss
- ➎ Electric Auto Swing Vent, Even & comfortable wide airflow
- ➏ Sturdy durable unit, energy-saving mute cooling system

REFRIGERANT PARAMETER

Refrigerant Type:	R134a
Standard Charging:	460 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.

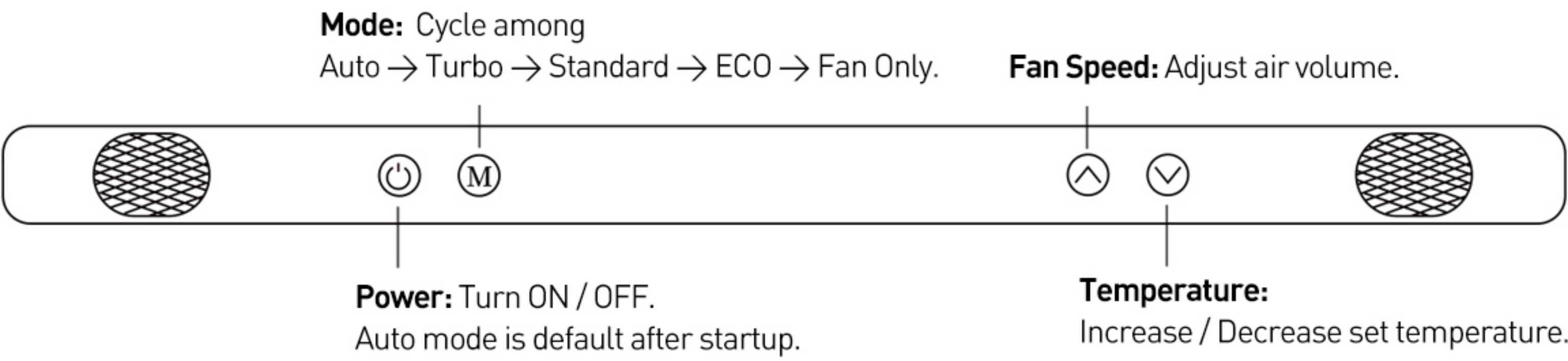
6 Fresh Air Mode

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

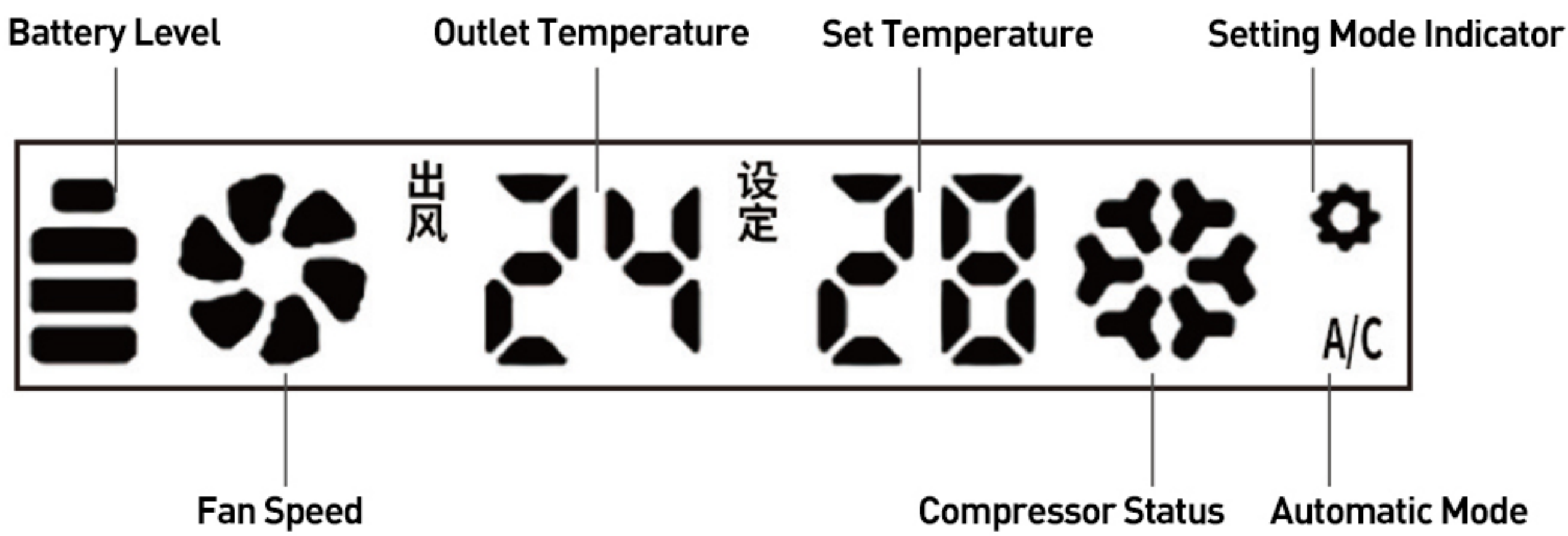
OPERATION INSTRUCTIONS

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.