

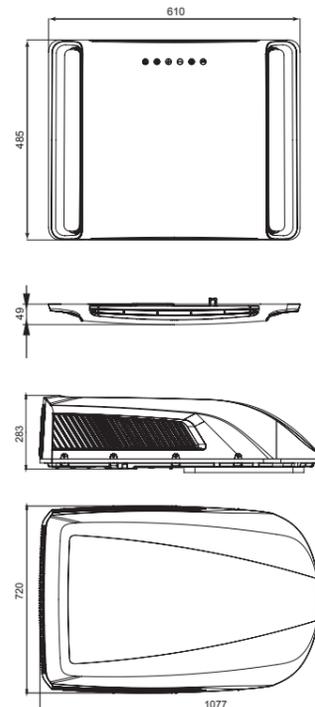
CoolMotion SERIES

A+++ +46°C -5°C Gen VI



Health Features	Comfort Features	Control Features
<ul style="list-style-type: none"> ECO Fresh technology Air Pollution Filter 	<ul style="list-style-type: none"> Cooling Mode Heating Mode Ventilation Mode Dry Mode Turbo Mode Hot Start Sleep Mode Quiet Mode 	<ul style="list-style-type: none"> Wi-Fi Remote Control Locking Remote Control Daily timer
Intelligent Features	Technology Features	
<ul style="list-style-type: none"> iAction technology Auto Restart Self Diagnostic Auto Defrost 	<ul style="list-style-type: none"> R32 Refrigerant Inverter Blue Fin Coating Energy efficient copper tubes Multi-speed fan Ambient LED Light LED display 	

Model	CH-RVAC26RK	
Power Supply	V/Hz/Ph	220-240/50/1
Cooling Capacity	W	2650
Heating Capacity	W	2500
Cooling Power Input	W	950
Heating Power Input	W	780
EER		2.8
COP		3.2
Moisture Protection		IPX4
Climate Type		T1
Temperature Range (Cooling)	°C	18 ... 46
Temperature Range (Heating)	°C	-5 ... 24
Adjustable Temperature Range	°C	16 ... 30
Indoor Unit Airflow	m³/h	225/290/340
Outdoor Unit Airflow	m³/h	760
Dehumidifying	l/h	1.00
Indoor Unit Sound Pressure Level	dB	42/49/53
Outdoor Unit Sound Pressure Level	dB	54
Compressor Type		Rotary
Refrigerant Type		R32
Installation Cut-out Dimensions	mm	400x400
Roof Thickness	mm	Min 30 - Max 80
Indoor Unit Dimensions	mm	485 x 49 x 610
Outdoor Unit Dimensions	mm	720 x 283 x 1077
Indoor Unit Weight	kg	2.7
Outdoor Unit Weight	kg	29.5



Roof Vehicle Air Conditioner

CoolMotion

SERIES



Mobile Medical & Lab Units

Maintains stable temperatures for sensitive diagnostic equipment and medical supplies.

Broadcast & Telecom Stations

Protects high-end electronic gear from overheating during long transmission sessions.

Mobile Offices & Command Centers

Creates a quiet, professional environment for productivity, regardless of external weather.

Specialized Transport

Provides consistent comfort for personnel during extended shifts in the field.



Superior Performance in Every Detail



Inverter Performance

Advanced inverter technology maintains the set temperature within $\pm 0.5^{\circ}\text{C}$, eliminating fluctuations and ensuring maximum energy efficiency on 230V power sources.

Atmospheric Night Lighting

Features integrated soft LED illumination that provides safety and comfort in the dark without being intrusive or causing glare during rest or work.

Acoustic Optimization

Equipped with a high-efficiency centrifugal fan designed for whisper-quiet operation, maintaining a peaceful indoor environment at all power levels.

Adaptive Air Distribution

Features adjustable louvers and multi-speed settings for precise airflow direction, along with a powerful dehumidification mode to eliminate window fogging.

Smart Connectivity

Includes a dedicated remote control and built-in Wi-Fi for management via the C&H Smart App, allowing for remote monitoring and pre-conditioning of the cabin.

Aerodynamic Efficiency

The ultra-sleek, low-profile housing minimizes wind resistance and noise, optimizing fuel consumption and vehicle stability during high-speed transit.

Vibration Management

Specialized shock-absorbing dampers protect the compressor and internal components from mechanical stress during travel on uneven roads or off-road terrain.

Industrial-Grade Durability

Constructed from high-impact, UV-stabilized ASA polymers and anti-corrosive materials to withstand intense sun, salt spray, and extreme weather conditions.

Weather-Sealed Integrity

IP-rated protection baffles prevent the ingress of driving rain, fine dust, and debris, ensuring the unit remains operational even in the harshest environments.

Advanced Protection Suite

Integrated smart sensors monitor refrigerant pressure, voltage, and thermal levels, providing automated fail-safe protection to ensure a long service life.

Climate Solutions for Specialized Vehicles

The C&H CoolMotion is more than just an air conditioner. It is a sophisticated 230V climate control system engineered for the most demanding mobile environments. Designed for seamless integration into mobile offices, medical clinics, laboratories, and broadcast stations, CoolMotion ensures operational continuity where environmental precision is non-negotiable.

Whether powered by shore power at a site or a dedicated onboard power system, this inverter-driven unit provides high-efficiency cooling, heating, and dehumidification in a single aerodynamic package.