



Colku RV Air Conditioner

Colku Electrical Appliance Ltd.

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COMPANY PROFILE



Colku Electrical Appliance Ltd. was founded in 1989. With the 50000m² workshop and 4 automatic assembly lines, we have the production capacity of 2000 units per day. During the past 37 years, Colku has become a top OEM/ODM manufacturer of truck air conditioner and portable refrigerator.

We offer the service from product design, structure build up, molding producing, first sample making, certificates applying to final production. Our factory covers processes including plastic injection, plastic absorber forming, metal lazer cutting, punching, bending, logo printing, foaming injection, compressor producing and final assembling.

Colku pays high attention to Quality Control System, and implemented the ISO 9001 and IATF 16949 Systems. With our MES control system, we have strict control on each step from incoming materials, semi-products processing, foaming, assembling, electrical testing, leakage detecting, final checking, sampling and ex warehouse.

CERTIFICATION



IATF16949

ISO9001

ISO14001

ISO45001

ISO10012

60⁺ Cooperate
Leading Brands

20⁺ Exporting
Countries

1 Million+ Units
Global Sales

Contents

01-02

12V/48V RV AIR CONDITIONER

GCB23A | GCB23C | GCB25A | GCB25C | GCB25Ae

03-06

RV AIR CONDITIONER

GCA28 | GCA28f | GCA27

KCA25H | KCA25

07-08

110V RV AIR CONDITIONER

KCA40 | KCA40H | KCA40HP



Colku 12V/48V RV AIR CONDITIONER



Product Feature

Five Operating Modes

Streamlined Body

Ultra-thin Air Outlet

R32 Refrigerant

DC Inverter Compressor

Wireless Smart Control

LED Light and Automatic Swing (special for GCB25Ae)

Installation Kit

Fuse Box (include 100A fuse)

Mounting Screw Accessories

Remote Control

Installation Video

GCB23A/GCB23C

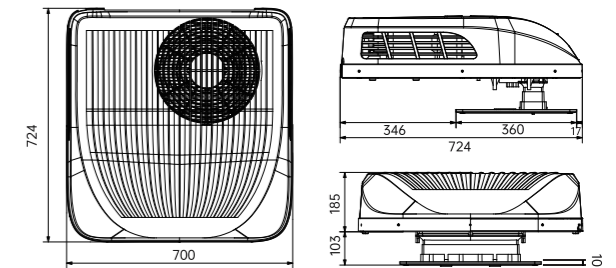
GCB25A/GCB25C

GCB25Ae

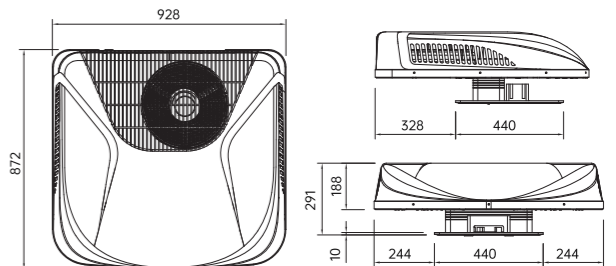
Product Parameter



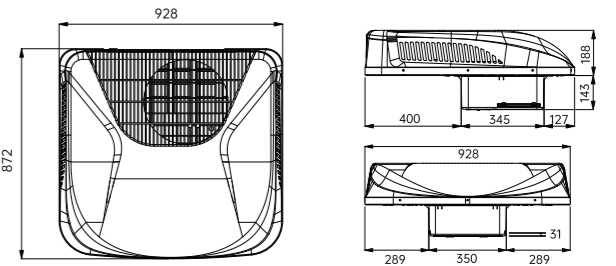
• GCB23A/GCB23C



• GCB25A/GCB25C



• GCB25Ae



Model NO	GCB23A	GCB23C	GCB25A	GCB25C	GCB25Ae
Input Voltage	DC 12V	DC 48V	DC 12V	DC 48V	DC 12V
Cooling Capacity	2100W	2400W	2300W	3100W	2300W
Current	50A (35°C ambient temp)	16A (35°C ambient temp)	50A (35°C ambient temp)	19A (35°C ambient temp)	50A (35°C ambient temp)
Refrigerant	R32	R32	R32	R32	R32
Noise Level	52-63dB	/	52-63dB	/	52-63dB
Setting Temperature	15°C ~ 30°C	15°C ~ 30°C	15°C ~ 30°C	15°C ~ 30°C	15°C ~ 30°C
Working Temperature	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C
Evaporator Air Volume	350m³/h	350m³/h	380m³/h	380m³/h	380m³/h
Opening Size of Sunroof	360mm × 300mm	360mm × 300mm	360mm × 360mm	360mm × 360mm	400mm × 400mm
Recommended Power Cord Specifications	16mm²	/	16mm²	/	16mm²
Product Size	440*360*10mm(Air Distributor) 700*724*185mm(Outer Body)	440*360*10mm(Air Distributor) 700*724*185mm(Outer Body)	440*440*10mm(Air Distributor) 928*872*188mm(Outer Body)	440*440*10mm(Air Distributor) 928*872*188mm(Outer Body)	520*520*31mm(Air Distributor) 928*872*188mm(Outer Body)
Package Size	776*752*300mm	776*752*300mm	993*927*310mm	993*927*310mm	1010*960*380mm
Weight	24kg/net,30kg/gross	24kg/net,30kg/gross	31kg/net,39kg/gross	31kg/net,39kg/gross	31kg/net,39kg/gross
Loading QTY	147sets/20GP,315sets/40GP 360sets/40HQ	147sets/20GP,315sets/40GP 360sets/40HQ	84sets/20GP,168sets/40GP 192sets/40HQ	84sets/20GP,168sets/40GP 192sets/40HQ	72sets/20GP,144sets/40GP 144sets/40HQ

Function Display

GCB23A/GCB25A/GCB23C/GCB25C

GCB25Ae



Product Feature

550m³/h Fast Airflow

Cooling & Heating Dual Modes

Heat Pump Design

Cooling 55°C Ambient Temp

Heating -2°C Ambient Temp

48dB Low Noise Operation

Atmosphere Light

Faster Heat Dissipation

Inverter Compressor

Wireless Smart Control

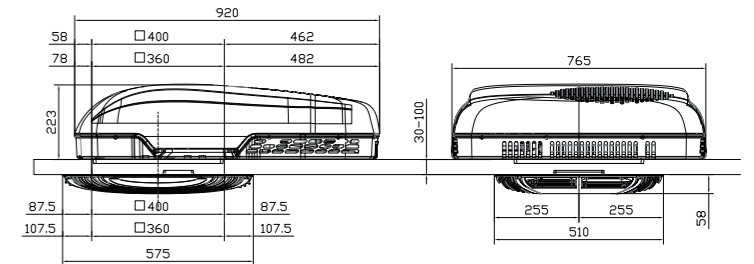
Remote Control

APP Control

Most Classic Opening Size

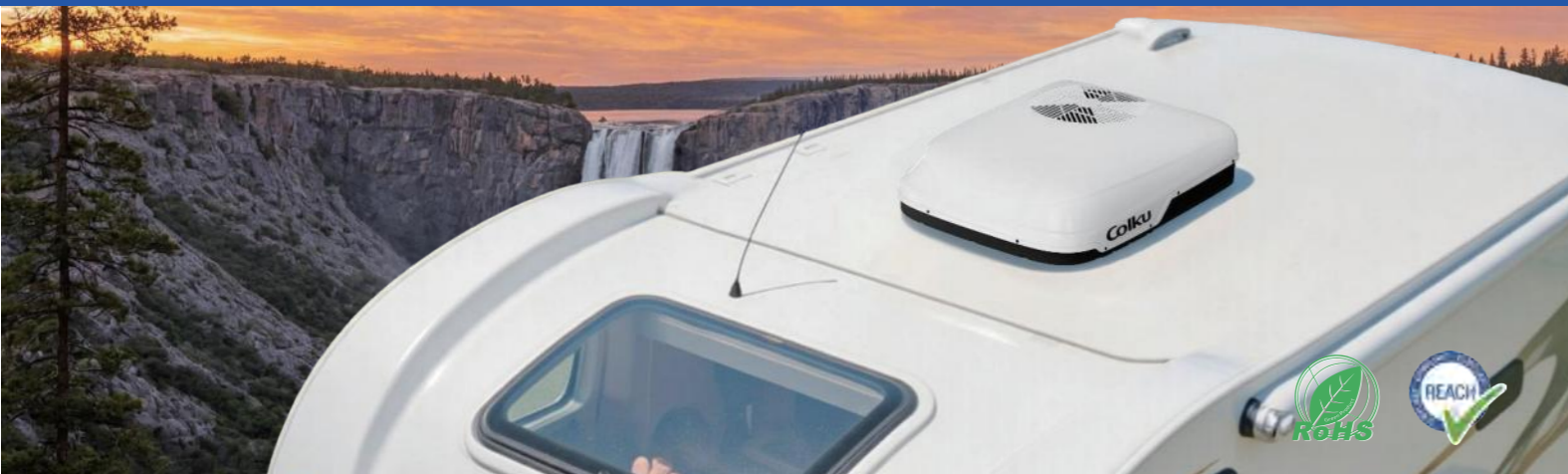
Function Display

Product Parameter



Model NO	GCA28	GCA28f	GCA27
Input Voltage	AC 220-240V, 50Hz/60Hz	AC 100-120V, 50Hz/60Hz	DC 48V
Cooling Capacity	3250W	3530W	3000W
Cooling Power	1240W	1080W	1300W
COP	2.62	3.27	2.3
Heating Capacity	3000W	3382W	2840W
Heating Power	1050W	990W	1050W
COP	2.86	3.42	2.7
Applicable Space	18m ² -22m ²	18m ² -22m ²	18m ² -22m ²
Refrigerant	R32	R32	R32
Noise Level	48-60dB	48-60dB	48-60dB
Waterproof Grade	IP55	IP55	IP55
Setting Temperature	16°C ~ 30°C	16°C ~ 30°C	16°C ~ 30°C
Working Temperature	-2°C ~ 55°C	-2°C ~ 55°C	-2°C ~ 55°C
Evaporator Air Volume	550m ³ /h	550m ³ /h	550m ³ /h
Rooftop Mounted Load Max. Weight	100kg (static load state)		
Weight	5.1kg/net, 6.9kg/gross (air distributor), 30.3kg/net, 35.2kg/gross (outer body)		
Air Distributor Size	575*510*58mm		
Outer Body Size	920*765*223mm		
Air Distributor Package Size	620*515*178mm		
Outer Body Package Size	974*820*276mm		
Opening Size of Sunroof	360mm × 360mm or 400mm × 400mm		
Loading QTY	102sets/20GP, 208sets/40GP, 236sets/40HQ		

Installation Kit



Product Feature

550m³/h Fast Airflow

Cooling & Heating Dual Modes

Heat Pump Design

Cooling: 55°C Ambient Temp

Heating: -2°C Ambient Temp

48dB Low Noise Operation

40dB Soft Talk, 48dB Colku RV AC, 71dB Street Traffic Noise, 76dB Vacuum Cleaner

Most Classic Opening Size

Dimensions: 731mm x 915mm x 224mm. Mounting holes: 360 or 400mm.

Inverter Compressor

Wireless Smart Control

Remote Control, APP Control

Atmosphere Light

Installation Kit

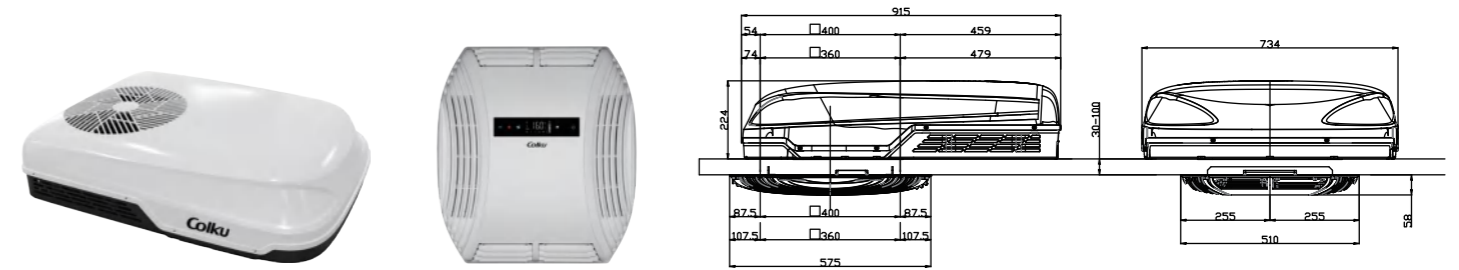
Remote Control

Mounting Screw Accessories

- Outer Body
- Installation Frame
- Fixed Mounting Bracket
- Top Air Guide Foam
- Middle Air Guide Foam
- Bottom Air Guide Foam
- Air Distributor

The thickness of the middle foam is 10mm, and the maximum thickness can be applied to the roof of 100mm

Product Parameter



Model NO	KCA25H	KCA25
Input Voltage	220-240V, 50-60Hz	220-240V, 50-60Hz
Cooling Capacity	2850W	2850W
Cooling Power	1080W	985W
COP	2.64	2.89
Heating Capacity	2660W	/
Heating Power	1030W	/
COP	2.58	/
Applicable Space	18m ² -22m ²	/
Refrigerant	R32	R32
Noise Level	48-60dB	48-60dB
Waterproof Grade	IP55	IP55
Setting Temperature	16°C ~ 30°C	16°C ~ 30°C
Working Temperature	-2°C ~ 55°C	16°C ~ 55°C
Cooling Current	4.9A (35°C ambient temp)	4.5A (35°C ambient temp)
Heating Current	4.7A (35°C ambient temp)	/
Evaporator Air Volume	530m ³ /h	550m ³ /h
Rooftop Mounted Load Max. Weight	100kg(static load state)	
Weight	5.1kg/net, 6.9kg/gross(Air distributor) 26kg/net, 31kg/gross(Outer Body)	
Air Distributor Size	575*510*58mm	
Outer Body Size	734*915*224mm	
Air Distributor Package Size	620*515*178mm	
Outer Body Package Size	970*786*280mm	
Opening Size of Sunroof	360mm x 360mm or 400mm x 400mm	
Loading QTY	102sets/20GP, 208sets/40GP, 236sets/40HQ	

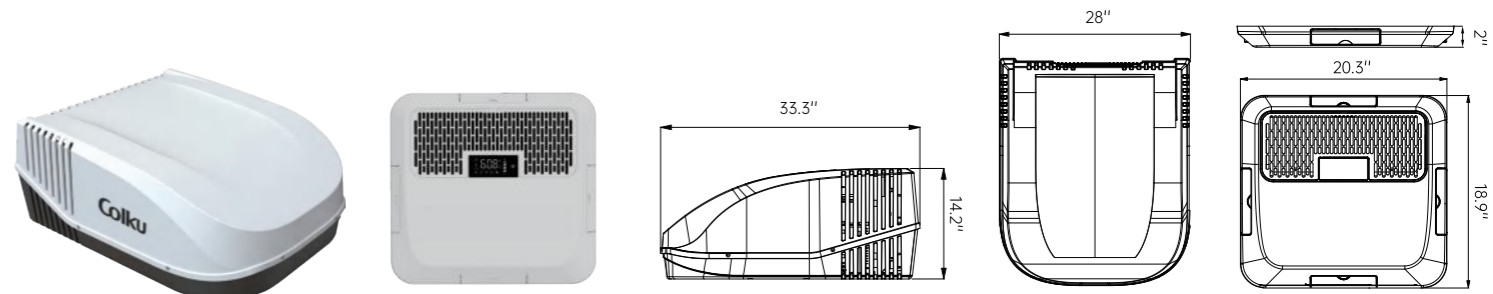
Function Display

- Up Temp Max 30°C
- Down Temp Min 16°C
- Wind speed adjust
- Cooling
- Dehumidification
- Heating
- Ventilation
- Auto
- Sleep
- Hours
- Fault
- Wind speed range
- Mode
- Switch on/off

Colku 110V RV AIR CONDITIONER

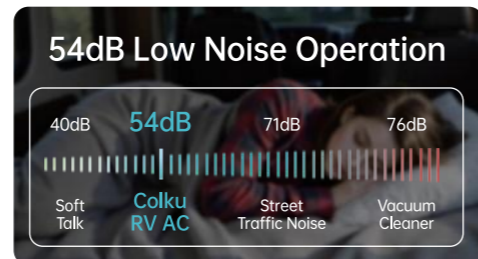


Product Parameter



Model NO	KCA40	KCA40H-PTC	KCA40HP
Input Voltage	AC 110V/60HZ	AC 110V/60HZ	AC 110V/60HZ
Cooling Capacity	15000BTU	15000BTU	15000BTU
Cooling Power	1550W	1550W	1550W
Heating Capacity	/	6100BTU	15000BTU
Heating Power	/	1800W	1200W
Refrigerant	R32	R32	R32
Noise Level	54dB	54dB	54dB
Waterproof Grade	IP55	IP55	IP55
Setting Temperature	61°F-86°F	61°F-86°F	61°F-86°F
Working Temperature	61°F-125°F	14°F-84°F(Heating) 61°F-125°F(Cooling)	28°F-84°F(Heating) 61°F-125°F(Cooling)
Current	13A (80°F ambient temp.)	13A (80°F ambient temp.)	13A (80°F ambient temp.)
Evaporator Air Volume	300-650m³/h	300-650m³/h	300-650m³/h
Weight	7.3lb/net, 9.9lb/gross (Air Distributor) 73.4lb/net, 82.2lb/gross (Outer Body)		
Air Distributor Size	W18.9" x L20.3" x H2"		
Outer Body Size	W28" x L33.3" x H14.2"		
Air Distributor Package Size	W20" x L21.3" x H5"		
Outer Body Package Size	W29.3" x L34.4" x H16.1"		
Opening Size of Sunroof	14.2"×14.2"		
Loading QTY	90sets/20GP, 195set/40GP, 219sets/40HQ		

Product Feature



Function Display

