



浙江冰甲电器科技有限公司
浙江冰甲智能科技有限公司

ZHEJIANG BINGJIA ELECTRIC TECHNOLOGY CO., LTD.
ZHEJIANG BINGJIA INTELLIGENT TECHNOLOGY CO., LTD.



ICEARMOR
COOLER

COMPANY PROFILE



foaming



Vacuum pumping and refrigerant filling



Inspection



Assembly



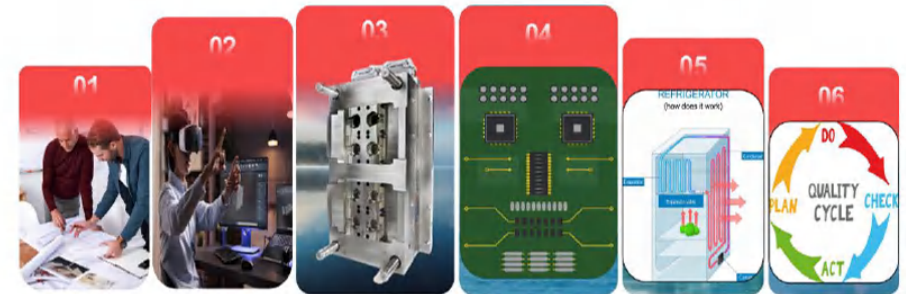
Final assembly



Final assembly



Zhejiang Bingjia Intelligent Technology Co., Ltd. was established in 2019. It is a high-tech enterprise mainly focusing on the field of automotive outdoor refrigeration equipment. It is a comprehensive enterprise integrating planning, research and development, production, testing, marketing and sales. It has obtained ISO9001 and BSCI certifications. Currently, its main products include car refrigerators, tent air conditioners, portable ice makers, and car air conditioners. It has also obtained certifications from various parts of the world, such as CCC, FCC, PSE, CB, CE, C-tick, KC, etc. The total area of our factory is approximately 50,000 square meters, including processing of plastic sheets, blister molding, injection molding and other plastic components, final product assembly and storage. We have a strong industrial chain advantage and delivery guarantee capability, which can fully meet the OEM/ODM requirements of all customers. We will continue to focus on automotive outdoor products, continue to innovate and develop more types of outdoor products, and provide consumers with more high-quality products.



1. 产品设计工程师具备多年丰富工业产品设计经验1人，作为前期产品的造型和外观设计尤为重要
The product design engineer has many years of rich experience in industrial product design. The shape and appearance design of the early product is particularly important.
2. 结构设计师具备10年车载冰箱设计经验3人，好的结构设计，将为后续产品生产效率节约成本。
Three structural design engineers have 10 years of experience in vehicle refrigerator design. Good structural design will improve production efficiency and save costs for subsequent products.
3. 模具设计工程师具备12年经验2人，模具是工业之母，合理的模具设计，将为后续产品生产效率节约成本及质量保障。
Two mold design engineers have 12 years of experience in sheet metal and injection mold design. Molds are the mother of industry. Reasonable mold design will improve production efficiency, cost savings and quality assurance for subsequent products.
4. 电控软件设计工程师，具备10年制冷行业设计经验1人，电控是产品的大脑，精湛的设计理念和逻辑，提高后续产品使用体验。
Electronic control software design engineer with 10 years of design experience in the refrigeration industry. Electronic control is the brain of the product. The exquisite design concepts and logic improve the user experience of subsequent products.
5. 制冷系统工程师，具备7年制冷行业设计经验1人，制冷系统是产品的工作主体，合理的参数，保证产品运行质量稳定。
Refrigeration system engineer with 7 years of design experience in the refrigeration industry. The refrigeration system is the main body of the product. Reasonable parameters ensure stable product operation quality.
6. 工艺工程师，具备3年制冷行业现场生产工艺过程经验1人，精益的生产制造工艺流程，确保产品生产过程生产质量一致性。
A process engineer with 3 years of on-site production process experience in the refrigeration industry. Lean manufacturing process ensures the consistency of product process production quality.



BJ-15L

Type	Single door
Refrigeration Type	Compressor
Cooling Mode	Freezer, Fridge
Material	HDPE, ABS
Temperature Range	-20°C to 20°C
Voltage	DC12V/24V, AC100V~240V
Power	50W
Warranty	12 Months
Certification	CE, RoHS, LFGB, PAHs, FCC, REACH, UL
Insulation	CFC Free High Quality PU Foam
Capacity	15L
Product Size	580mm*320mm*260mm
Packing box size	630mm*366mm*320mm
Net Weight	9.5KG
Gross Weight	11.5KG



**SHOCK-PROOF AND DURABLE
SUITABLE FOR ROCKY PAVEMENT**

*The use of high energy efficiency
compressor technology
low power consumption
more energy saving
insulation more durable*

Product details



Thickened insulation layer
to lock in temperature



Single door design for
easy access to food



Adopt efficient and fast cooling
mode and ECO energy saving mode



Can accompany Bluetooth first

Convenient access, large capacity,
and a more thoughtful chain design



**CAR REFRIGERATOR
WITH 15L STORAGE
CAPACITY FOR
INCREASED CAPACITY**



Silent operation: less than 45 deci-
bels, providing a comfortable test
environment for the driver.



Three-stage battery protection system
to prevent battery exhaustion.



BJ-20L

Type	Single door
Refrigeration Type	Compressor
Cooling Mode	Freezer, Fridge
Material	HDPE, ABS
Temperature Range	-20°C to 20°C
Voltage	DC12V/24V, AC100V~240V
Power	50W
Warranty	12 Months
Certification	CE, RoHS, LFGB, PAHs, FCC, REACH, UL
Insulation	CFC Free High Quality PU Foam
Capacity	20L
Product Size	580mm*320mm*310mm
Packing box size	660mm*402mm*395mm
Net Weight	11.5KG
Gross Weight	14.5KG
20GP	192PCS
40HQ	408PCS



BJ-CF-35

Voltage	DC12V/24V, AC100V~240V(Adaptor)
Capacity	35L
Power	50W(±20%)
Color	Grey
Temperature Range	-20°C-10°C(32°C Ambient Temperature)
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	HEPE+PP
N.W	13.7kg
G.W	16.2kg
Product Size	690mm*345mm*381mm
Package Size	708mm*398mm*449mm



BJ-CF-45

Voltage	DC12V/24V, AC100V~240V(Adaptor)
Capacity	45L
Power	50W(±20%)
Color	Grey
Temperature Range	-20°C-10°C(32°C Ambient Temperature)
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	HEPE+PP
N.W	14.8kg
G.W	17.3kg
Product Size	693mm*345mm*456mm
Package Size	708mm*398mm*524mm



BJ-CF-55

Voltage	DC12V/24V, AC100V~240V(Adaptor)
Capacity	55L
Power	50W(±20%)
Color	Black and White
Temperature Range	-20°C-10°C(32°C Ambient Temperature)
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	HEPE+PP
N.W	15.6kg
G.W	18.3kg
Product Size	693mm*345mm*531mm
Package Size	708mm*398mm*599mm





SHOCK-PROOF AND DURABLE SUITABLE FOR ROCKY PAVEMENT

Designed for RV, yacht, design supporting, suitable for various types of RV supporting, there are a variety of specific models, please consult for details



Segregation design makes classification more convenient



**OPTIONAL LITHIUM
BATTERY, MORE
CONVENIENT FOR
DAILY USE**

Product details



Thickened insulation layer to lock in temperature



Single door design for easier access



The use of high energy efficiency compressor technology



Adopt efficient and fast cooling mode and ECO energy saving mode



Silent operation: less than 45 decibels, providing a comfortable test environment for the driver.



Three-stage battery protection system to prevent battery exhaustion.



BJ-DF-31

Type	Drawer Fridge
Capacity	31 liters
Voltage	DC 12V/24V
Temperature Range	-20~10° C
Noise	≤45dB
Power	45W
Color	Black
Product size	732mm * 440mm * 250mm
Packaging size	800mm * 505mm * 335mm
N.W	16KG
G.W	17KG
Refrigerant	R134a
Insulation layer	Made of fluorine free and environmentally friendly polyurethane foam (high-efficiency PU insulation layer)





Suitable for Off-road Vehicles
/RVs/Caravans/Trucks/Campers
/Motorhome etc

Product details

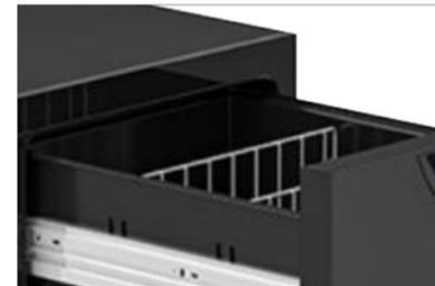
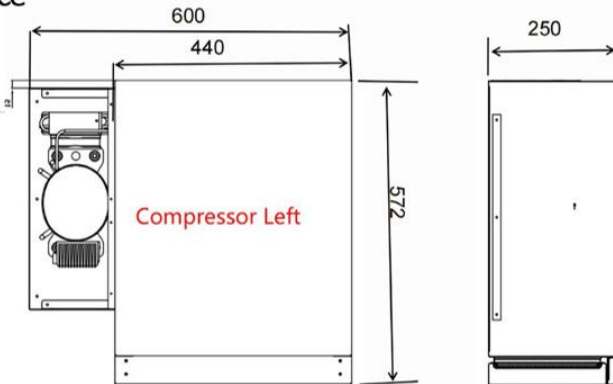
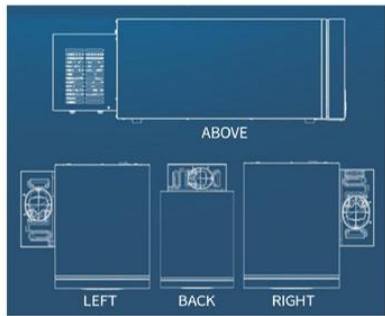


The door locking structure prevents the door from automatically opening during driving, ensuring safe and comfortable driving



A push-pull test that can withstand 10000 tests

Embedded installation, saving space



Equipped with a separate basket for convenient storage



Controlled by micro-computer control board, adopt frequency conversion

Flexible Compressor Placement
The Compressor Can Be Customized
According To The User's Usage Space Installed On
The Left, Right, Back Of The refrigerator



Low noise ≤45dB, Silent operation



Ventilation hood heat dissipation

-  Low Voltage protection
-  Silent Low Noise
-  Intelligent Touch Screen
-  Dual use
-  Cyclopentane Insulation
-  Energy Saving
-  -20°C~+20°C Adjustable Temperature
-  Anti-shaking



or capacity



500ml
≈22



330ml
≈28

BJ-CA-20

Type	Dual-Zone
Refrigeration Type	Compressor
Cooling Mode	Freezer, Fridge
Material	HDPE, PP
Temperature Range	-20°C to 20°C
Voltage	DC12V/24V, AC100V~240V
Power	55W
Warranty	12 Months
Certification	CE, RoHS, LFGB, PAHs, FCC, REACH, UL
Insulation	CFC Free High Quality PU Foam
Capacity	20L
Product Size	630mm*364mm*350mm
Packing box size	715mm*450mm*445mm
Net Weight	12.4KG
Gross Weight	16KG



or capacity



500ml
≈29



330ml
≈51

BJ-CA-30

Type	Dual-Zone
Refrigeration Type	Compressor
Cooling Mode	Freezer, Fridge
Material	HDPE, PP
Temperature Range	-20°C to 20°C
Voltage	DC12V/24V, AC100V~240V
Power	55W
Warranty	12 Months
Certification	CE, RoHS, LFGB, PAHs, FCC, REACH, UL
Insulation	CFC Free High Quality PU Foam
Capacity	30L
Product Size	630mm*364mm*410mm
Packing box size	715mm*450mm*505mm
Net Weight	13.2KG
Gross Weight	17KG



BJ-CA-40

Type	Dual-Zone
Refrigeration Type	Compressor
Cooling Mode	Freezer, Fridge
Material	HDPE, PP
Temperature Range	-20°C to 20°C
Voltage	DC12V/24V, AC100V~240V
Power	55W
Warranty	12 Months
Certification	CE, RoHS, LFGB, PAHs, FCC, REACH, UL
Insulation	CFC Free High Quality PU Foam
Capacity	40L
Product Size	630mm*364mm*470mm
Packing box size	715mm*450mm*565mm
Net Weight	14.3KG
Gross Weight	18.2KG



BJ-CA-50

Type	Dual-Zone
Refrigeration Type	Compressor
Cooling Mode	Freezer, Fridge
Material	HDPE, PP
Temperature Range	-20°C to 20°C
Voltage	DC12V/24V, AC100V~240V
Power	55W
Warranty	12 Months
Certification	CE, RoHS, LFGB, PAHs, FCC, REACH, UL
Insulation	CFC Free High Quality PU Foam
Capacity	50L
Product Size	630mm*364mm*530mm
Packing box size	715mm*450mm*625mm
Net Weight	15.2KG
Gross Weight	19.2KG





SHOCK-PROOF AND DURABLE SUITABLE FOR ROCKY PAVEMENT

*The use of high energy efficiency compressor technology
low power consumption more energy saving insulation more durable*

Product details



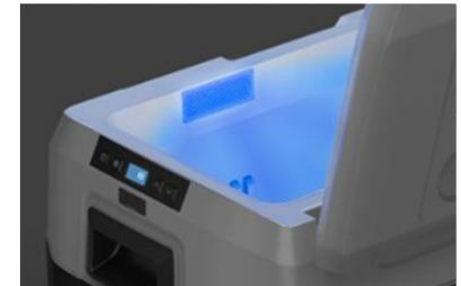
The top lid includes beverage holders to keep your drinks secure.



Single door design for easy access to food



Thickened insulation layer to lock in temperature



Built-in LED lighting lamp



Silent operation: less than 45 decibels, providing a comfortable test environment for the driver.



Three-stage battery protection system to prevent battery exhaustion.

Single compartment enables refrigerator/freezer combination.



LED display screen USB charging port



BJ-WE-45

Voltage	DC 12V/24V, AC 100V-240V(Adaptor)
Capacity	38L
Power	60W
Color	Black
Temperature Range	-20°C-20°C
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	ABS+ Sheet Metal(Optional:Spray or Stainless Steel)
N.W	14KG
G.W	16KG
Product Size	695mm*400mm*455mm
Package Size	718mm*478mm*530mm



BJ-WE-55

Voltage	DC 12V/24V, AC 100V-240V(Adaptor)
Capacity	48L
Power	60W
Color	Black
Temperature Range	-20°C-20°C
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	ABS+ Sheet Metal(Optional:Spray or Stainless Steel)
N.W	15KG
G.W	17.5KG
Product Size	695mm*400mm*535mm
Package Size	718mm*478mm*615mm



BJ-WE-65

Voltage	DC 12V/24V, AC 100V-240V(Adaptor)
Capacity	58L
Power	60W
Color	Black
Temperature Range	-20°C-20°C
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	ABS+ Sheet Metal(Optional:Spray or Stainless Steel)
N.W	16KG
G.W	18.5KG
Product Size	695mm*400mm*605mm
Package Size	718mm*478mm*690mm



SHOCK-PROOF AND DURABLE SUITABLE FOR ROCKY PAVEMENT

Designed for RV yacht, design supporting, suitable for various types of RV supporting, there are a variety of specific models, please consult for details

Product details



Built-in bottle opener,
more practical



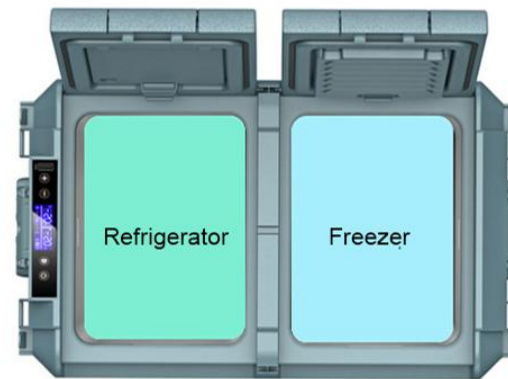
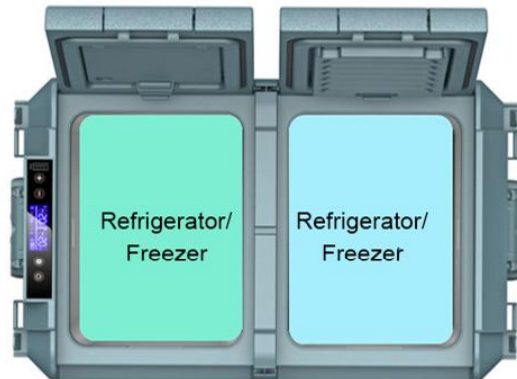
Double doors with
reversible opening



Built-in drain port for
easy water release



Aluminum inner liner



**Dual-door dual-control or single-control
optional, to meet diverse needs.**



Silent operation: less than 45 decibels, providing a comfortable test environment for the driver.



Three-stage battery protection system to prevent battery exhaustion.



BJ-WEG-45

Voltage	DC 12V/24V, AC 100V-240V(Adaptor)
Capacity	38L
Power	60W
Color	Black
Temperature Range	-20°C-20°C
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	ABS+ Sheet Metal(Optional:Spray or Stainless Steel)
N.W	16.5KG
G.W	19.5KG
Product Size	750mm*460mm*465mm
Package Size	825mm*515mm*515mm



BJ-WEG-55

Voltage	DC 12V/24V, AC 100V-240V(Adaptor)
Capacity	48L
Power	60W
Color	Black
Temperature Range	-20°C-20°C
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	ABS+ Sheet Metal(Optional:Spray or Stainless Steel)
N.W	17.5KG
G.W	20KG
Product Size	750mm*450mm*545mm
Package Size	825mm*515mm*605mm



BJ-WEG-65

Voltage	DC 12V/24V, AC 100V-240V(Adaptor)
Capacity	58L
Power	60W
Color	Black
Temperature Range	-20°C-20°C
Refrigerant	R134a/R600/1234yf
Thermal Insulation Material	C5H10/C-Pentane(cyclopentane)
Refrigeration Mode	Compressor
Noise	≤45dB
Materials	ABS+ Sheet Metal(Optional:Spray or Stainless Steel)
N.W	18KG
G.W	21.5KG
Product Size	750mm*450mm*615mm
Package Size	825mm*515mm*680mm



**SHOCK-PROOF AND DURABLE
SUITABLE FOR ROCKY PAVEMENT**

Designed for RV, yacht, design supporting, suitable for various types of RV supporting, there are a variety of specific models, please consult for details

Product details



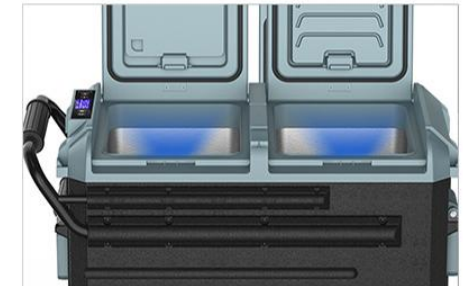
Built-in bottle opener, more practical



Double doors with reversible opening



Two-stage pull rod for easy movement



Equipped with dual LED lights



<45dB

Silent operation: less than 45 decibels, providing a comfortable test environment for the driver.



Portable pull rods and wheels



Dual-door dual-control or single-control optional, to meet diverse needs.

