Yolco™
www.yolco.pl

Anytime. Anywhere. Cool.

PORTABLE COMPRESSOR REFRIGERATOR

ARC18

USER MANUAL

Instrukcja obsługi dostępna również na:
User manual also available at:
Bedienungsanleitung erhältlich auch bei:

1.Explanation of symbols.

Appliance filled with flammable gas R600a.

Important operation and maintenance information. Non-compliance may result in a threat to life, health or property damage.

Before using the appliance, read the owner's manual first.

Tips and supplementary information

Please read this manual carefully before starting the device. Keep this manual. The manufacturer is not liable for damages caused by improper use or improper handling. The warnings and important safety information contained in this manual do not cover all possible conditions or situations that may occur. It is the user's responsibility to handle the device with care and consideration during maintenance and operation.

Please send warranty claims to the following e-mail address: pomoc@yolco.pl

When contacting an authorized service center, please have the following information ready: model information, serial number. This information can be found on the nameplate. Accessories, consumables and original spare parts are available at: www.yolco.pl. We recommend using original spare parts.

The content of the user manual is subject to change without notice. The latest version is always available at: www.yolco.pl

2.Safety information

• This equipment can be used by children at least 8 years old and by people with reduced physical and mental capabilities and people with no experience and knowledge of the equipment, if supervision or instruction is provided on how to use the equipment in a safe way, so that related the risks were understandable. Children should not play with the equipment. Cleaning and maintenance of the equipment should not be performed by unsupervised children.

• Children aged from 3 to 8 years are allowed to load and unload cooling device.

• It is forbidden to use the device and/or its power cord if they show signs of damage. If the device or its cable needs repair, contact the manufacturer, an authorized service center or another qualified person.

• Repairs may only be carried out by suitably qualified persons. Self-repairs may result in serious health or life hazards. For safety reasons, replacement of the LED lighting (selected models) should be performed by the manufacturer or an authorized service center.

• The device should be connected to a power source that complies with the data included in the technical specification, only with the supplied power cords. 100-240V power supply requires cable connection via the AC / DC adapter. Using a power source with an incorrect voltage may damage the device or cause a fire.

• Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

• When positioning the appliance, ensure the supply cord is not trapped or damaged.

2. Safety information cont.

• The device must be disconnected from the mains after each use and before cleaning / maintenance. Do not remove the plug from the socket by pulling on the power cord. It may damage it.

• The device should be protected against water splashes and adverse weather conditions such as rain. Do not immerse the device in water or any other liquid. The device is not waterproof. In the event of accidental spillage, remove the plug from the power source with dry hands. Do not touch the flooded device until it is completely dry. Do not operate the device with wet hands.

• Do not use or store the device near open flames or other sources of heat. Do not expose the device to direct sunlight.

• Do not use the device in an flammable, corrosive or explosive environment.

• Do not store corrosive, solvent-containing or explosive substances, such as aerosol cans with flammable propellant, in this appliance.

• Do not use electrical appliances inside the storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

• Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

• It is forbidden to fill the chamber with water, ice or other liquids. This may damage the device.

• Don't touch the inside of the appliance or anything in it during cooling process. There is a risk of frostbite.

• Turning the device on too frequently may overload the compressor. After each use, wait at least 1 minute before turning it on again.

• During operation, storage and transport, the device should be placed horizontally on a flat and leveled surface.

• During operation, the device should be located in a well-ventilated room. Ensure adequate space between the device and other equipment (≥150mm on the front, back and sides of the device). Do not cover the ventilation openings during or immediately after operation.

• The appliance cooling system contains flammable refrigerant R600a. The device insulation contains cyclopentane. Repairs and maintenance within the cooling system may only be carried out by persons authorized to work with flammable refrigerants.

Warning:
Risk of fire / Flammable materials

• It is forbidden for the user to interfere with the refrigeration system and its pipes in order to modify or damage it. In the event of accidental damage to the system or a refrigerant leak, remove all sources of ignition from the unit immediately. Ventilate the room immediately. Do not switch off the device by directly pulling out the mains plug.

• When the device is no longer usable, it must be disposed of in accordance with national and local regulations.

• Before disposing of the old appliance, remove the lid, but leave the inner baskets and partition wall (selected models) so that children cannot get inside.

• Keep the packaging away from children. There is a risk of suffocation.

2. Safety information cont.

• Do not rest or sit on the appliance lid. It may damage the device and or to injury.

• Do not move the device over surfaces susceptible to damage and scratches.

• This appliance is intended to be used in household and similar applications.

• This refrigeration appliance is not intended to be used as a built-in appliance.

• This refrigeration appliance is not suitable for the freezing of foodstuffs.

• The refrigeration appliance is intended for use in an ambient temperature ranging from 10°C to 32°C.

• The manufacturer's warranty period - 24 months from the date of purchase.

• The minimum period for which spare parts necessary to repair are available is 7 or 10 years, depending on the type and purpose of the spare part, and is in line with Commission Regulation (EU) 2019/2019. The list of spare parts and the ordering procedure are available on the websites of the manufacturer, importer or authorized representative. More information about the product can be found in the EU Product Database EPREL at https://eprel.ec.europa.eu. Information can be obtained by scanning the QR code on the energy label or by entering the product model from the energy label in the EPREL search engine https://eprel.ec.europa.eu.

3. Description of operation and basic function

• A portable refrigerator is used to cool food products.

• Thanks to high-class insulation and an efficient compressor, the cooling process is extremely fast.

• Turbo mode allows for an additional acceleration of the cooling process of the device's contents.

• The refrigerator can be powered by direct current (12/24V) or alternating current (100-240V) using the included AC/DC adapter.

• The device is equipped with a discharge protection to prevent the vehicle battery from draining and overvoltage protection to safeguard it from sudden voltage spikes in the electrical grid.

• The control panel with a clear LED screen enables intuitive control of the device.

• The included shoulder strap allows you to carry the device comfortably.

4. Contents of the package

• Portable compressor refrigerator
• 12/24V power cord (length: 3.5m)
• AC/DC adapter with 100-240V power cord (EU/UK)
• Shoulder belt
• User manual

5. Directions for use

• Before first use, remove the device from the packaging, clean the inside of the device with a damp cloth and wait 6 hours.

• During operation, the device should be located in a well-ventilated room, away from heat sources and direct sunlight.

• The device should be in a horizontal position during operation. The maximum angle of inclination of the device relative to the ground should not be more than 5 °.

• If the device is used with the ignition off of a motor vehicle (when using a 12 / 24V power source), it switches itself off when the voltage drops below the set battery protection value. The device will turn on again when the required voltage is obtained by charging the battery.

• Due to increased electricity consumption, TURBO mode activation is only recommended when the vehicle engine is running or when the device is connected to the mains power supply.

To avoid food contamination and spoilage, the following rules should be followed:
• Do not open the appliance lid more often than necessary. This may significantly increase the temperature inside the device.

• Foodstuffs should be stored in their original packaging or appropriate containers. Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

• Clean regularly surfaces that can come in contact with food and accessible drainage systems (selected models).

• Too low or too high temperature may adversely affect the stored food. The temperature inside the refrigerator should be adjusted to the temperature recommended by the food manufacturer.

• If the device is left empty for long periods:
– Switch off the device.
– Defrost the device.
– Clean and dry the device.
– Leave the lid open to prevent mould developing within the appliance.

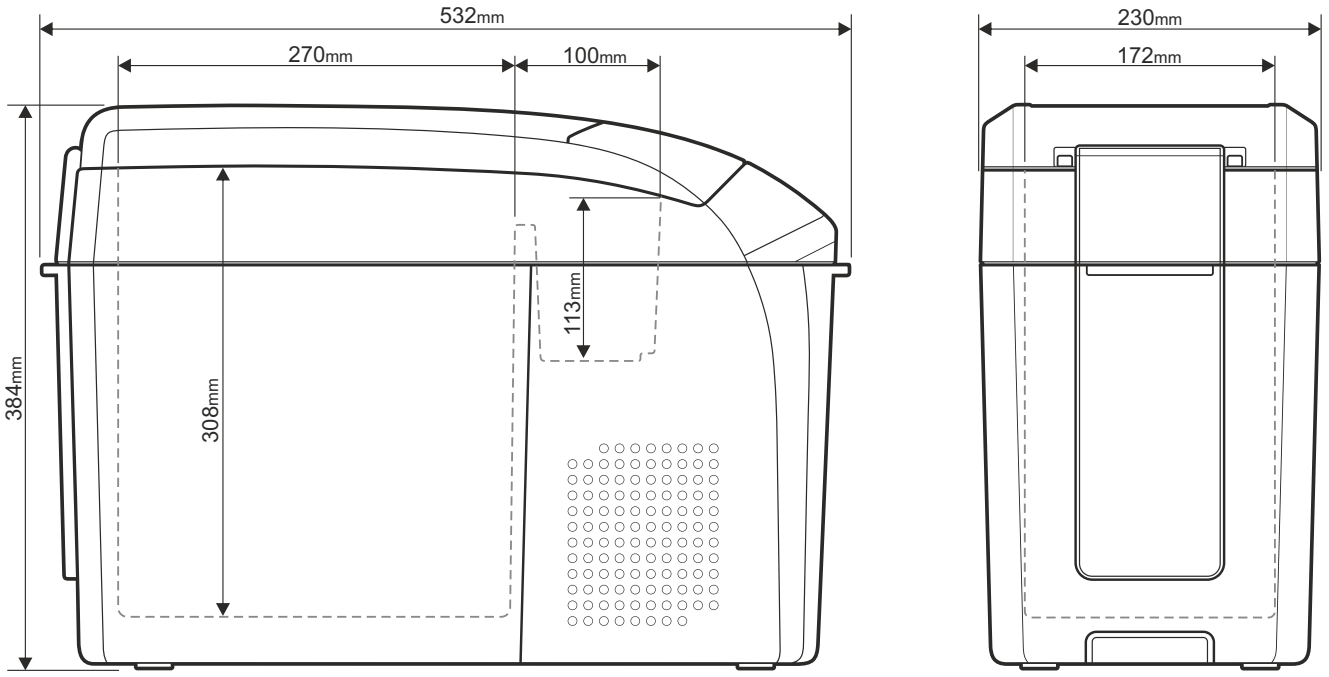
• This refrigeration appliance is not suitable for the freezing of foodstuffs.

• Once defrosted, the products should not be re-frozen.

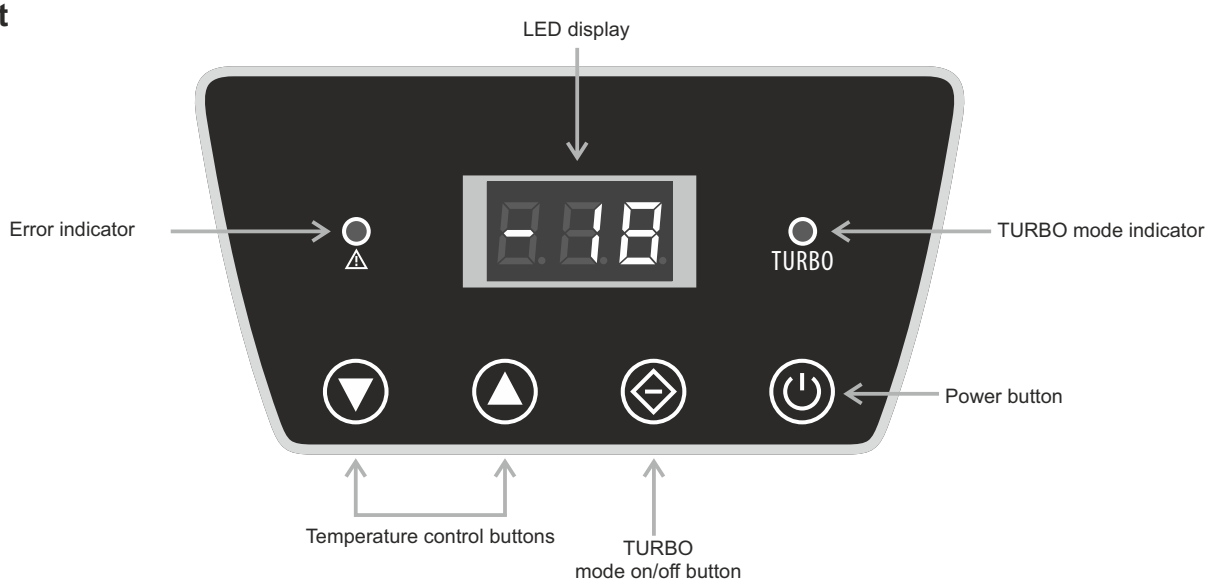
• Cool hot food and drinks before placing them in the device.

• Do not store glass containers, bottles and cans filled with liquids or carbonated drinks at temperatures below 0°C.

Device dimensions



6.Support



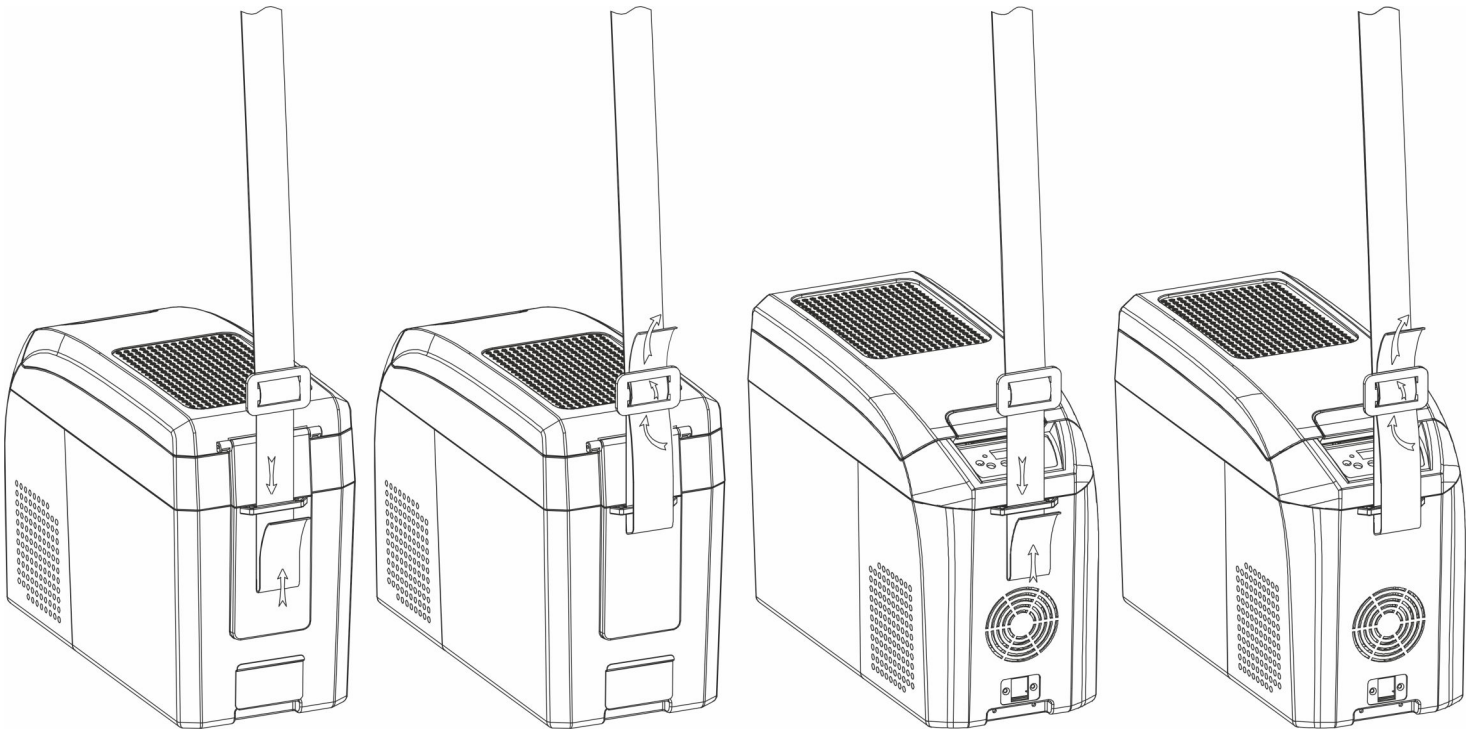
Operating the device from the control panel

Caution! After connecting to a power source, the device will automatically enter standby mode. This is indicated by the message on the display OFF. To start the device, press the ⏻ button.

Function	Action
Turning the device on/off	Press the ⏻ button once
Switching the TURBO mode on/off	Press the ◈ button once
Changing the internal temperature	Press the ▼ button to decrease the set temperature.
	Press the ▲ button to increase the set temperature.

Shoulder belt installation

Caution! Before carrying the device using the shoulder strap, make sure it is properly installed. Improperly fastened strap may result in damage to the device or injury.



7. Cleaning and maintenance

• Turn off the device and disconnect it from the external power supply before each cleaning.

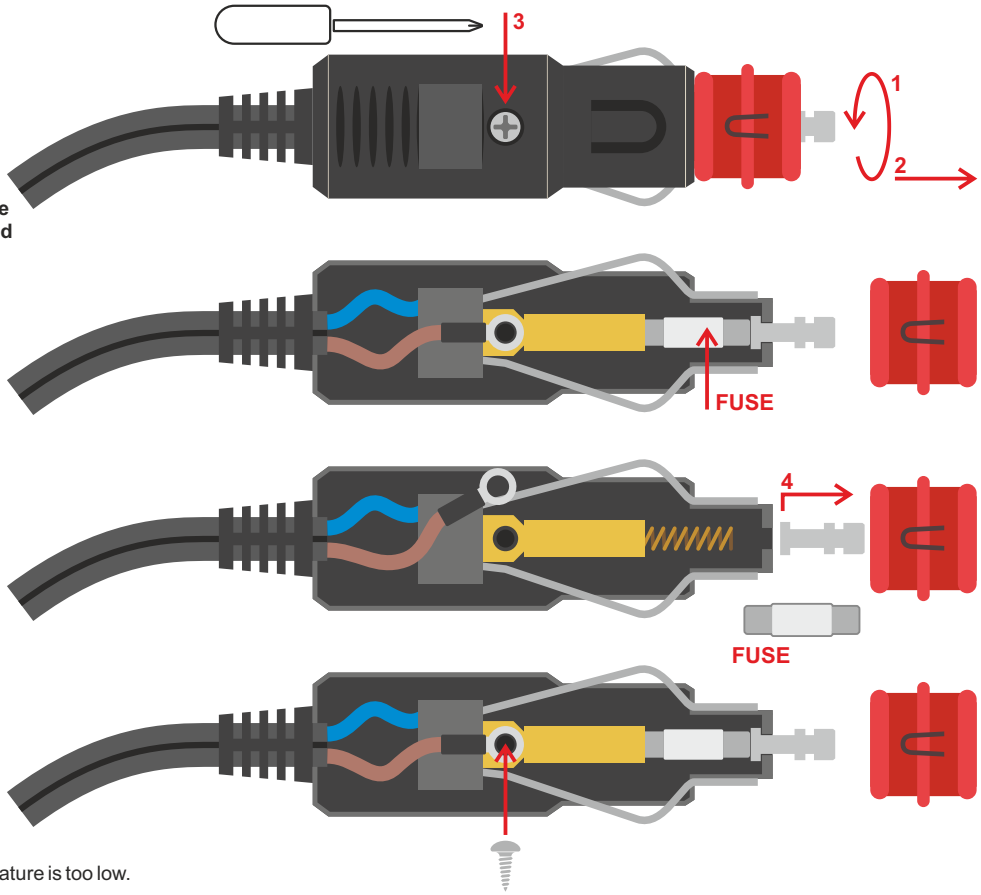
• The device must not be cleaned under running water.

• Do not use aggressive cleaning agents for cleaning.

• Clean the outside and inside of the device with a damp cloth without the control panel, power section, modular battery socket or ventilation openings.
All sections mentioned above clean with dry and soft cloth.

Manual defrosting
During long-term operation of the device, a layer of frost may appear inside it. This can reduce its performance. To defrost the device, disconnect it from the power supply, empty the cooling compartment and leave the lid open. After frost has condensed, wipe off the remaining water with a soft cloth or pout excess water out.

Fuse replacement
1. Untwist and remove the red ring from the plug
2. Remove the screw and remove the housing
3. Remove the tip of the plug
4. Remove the fuse and replace it with a new one with identical parameters
5. Insert the plug tip
6. Put the housing on and fix it with the screw
(CAUTION! Before screwing the housing, make sure that the hole of the power cord contact is overlapped with the hole in the plug housing).
7. Put the red ring and twist to secure it on the plug.



Fuse specification

Rated current	10A
Rated voltage	250V

8. Troubleshooting the most common faults

• **Foodstuffs have been frozen:**
Change the cooling temperature to higher, the set temperature is too low.

•**The device makes a sound of flowing liquid:**
This sound is normal.

• **Droplets of liquid appear around the fridge door:**
Liquid droplets appear due to the temperature difference between the device and its surroundings, and are normal.

• **When starting the device, the compressor makes a loud noise:**
It is normal for the compressor to work loudly at start-up

• **The device does not work:**
Check if the device has been switched on with the ⏻ button.
Check that the device is correctly connected to the power source.
Check whether the power supply is functional.
Check if the fuse has blown.

Error indicator code	Reason	Solution
1 flash every 4 seconds	Supply voltage too low	Check if the power source meets the parameters from technical specification
2 flashes every 4 seconds	Fan failure	Contact the manufacturer's service.
3 flashes every 4 seconds	Compressor startup error	Turn the device off and then on again.
4 flashes every 4 seconds	Compressor overload	Remove some of the stored food from the compartment. Ensure that the ventilation openings are not blocked.
5 flashes every 4 seconds	Excessive temperature	Ensure that the ambient temperature is within the range specified in the product's technical specifications. Ensure that the ventilation openings are not blocked.
Error E-1 on the LED display	Temperature sensor failure	Contact the manufacturer's service.

9. Technical data

Model	ARC18
Total capacity	16 L (3.52 gal)
Power supply specification	DC 12V/2.92A; 24V/1.46A; AC 100-240V; 50/60Hz; max 2.5A
Compartments	1
Cooling temperatura range	From -18°C to +10°C (from -0.4°F to +50°F)
Energy consumption	35W
Climate class	SN
Ambient temperature	from +10°C to +32°C (from +50°F to +89.6°F)
Noise level	52 dB
Refrigerant	R600a / 0.013 kg
GWP	0
CO2 equivalent	0.00000 t
Dimensions (W x H x D)	532 x 384 x 230 mm (20.9 x 15.1 x 9.1 in)
Net weight	9 kg (19.8 lb)

83/WIS/24

Manufacturer:
ARKAS Sp. z o.o.
ul. Kuziennicza 4,
59-400 Jawor, Polska
www.arkas.pl
www.yolco.pl

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The device is hermetically sealed.

The crossed out wheeled bin symbol means that this product should not be disposed of with other household waste. Waste electrical and electronic equipment should be sent for recycling and recycling with environmental protection regulations in force in a given country regarding waste management. Selective waste collection contributes to reducing their potential negative impact on human health and the resulting environment from the presence in the equipment of dangerous substances, mixtures and components.

POWER SUPPLY SPECIFICATION

Manufacturer:	Foshan Great Power Co,.Ltd
Commercial registration number:	914406066633729 21C
Adress:	3/F Block, 16th, Street#3, Fengxin Road, Fengxing Industrial Zone, Shunde District, Foshan City, Guangdong Province, Chiny
Model identifier:	GRT90-145600
Input voltage:	100-240V
Input AC frequency:	50/60Hz
Output voltage:	14,5V
Output current:	6,0A
Output power:	87W
Average active efficiency:	90%
Efficiency at low load (10%):	89%
No-load power consumption:	0.19W