

ABS Tech Sheet

AR20	AN20	ARS20	ANS20
AR40	AN40	ARS40	ANS40
AR60	AN60	ARS60	ANS60

Tips: Thank you for your purchasing kitchen equipment, please read through this manual first and you should keep it for future use.

The pictures are only for your reference. Goods in kind prevail.

Model analysis

AR	20
I	II

I – AR/AN: Product code(The color of the product is white).
ARS/ANS:Product code(The color of the product is stainless steel)

AR: Refrigerator; AN: Freezer.

II – 20, 40 or 60: Volume code.

Warnings

The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction :

- Children being supervised not to play with the appliance
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard
- Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- In order to reduce flammability hazards the installation of this appliance must only be carried out by a suitably qualified person.
- The max. loading of the shelves is 25 kg .



- This marking indicates that this product should not be disposed with other household wastes throughout the EU. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

- The appliance contains flammable refrigerant and flammable blowing gas, which may be a hazard to public if dispose it incorrectly. Do not dispose it directly by yourself. If you wish to dispose the appliance, please contact the local government authorities (The local council, Ministry of the Environment, etc.).

- For safe operation, the appliance shall be inspected and maintained every 1 year. - During use, transportation, assembly, dismantling, scrapping and any other action, please pay attention that the appliance shall be placed upright. If in some case that the appliance has to be tilted, the inclined angle to horizontal shall not exceed 5°, otherwise the appliance may overturn, which will harm the users/operators.

- The appliance shall be disconnected from its power source during cleaning or maintenance and when replacing parts.

- The removal of the plug must be such that an operator can check from any of the points to which he has access that the plug remains removed.

- The A-weighted emission sound pressure level is <math>< 50\text{ dB}</math>. The climate class of this appliance is Class 4, which means the appliance is suitable to be used under the ambient condition of $32 \pm 1^\circ\text{C}$, $55 \pm 5\% \text{ RH}$.

Basic Features



Simple & Accurate Controls

Cabinet temperature is easily set and checked on the panel above the door. The panel also protects the door's sealing strip from dirt. The electronic thermostat ensures a uniform, correct temperature, keeping items stored in the cabinet fresh.



Environmentally Friendly & Functional Design

COMPACT cabinets are manufactured using environmentally sound technology. Insulation is made from Cyclopentan. The reversible door has an ergonomic, easy-grip handle.



Door Lock

All COMPACT models are equipped with a door lock, ensuring that stocks are safe after closing.



Strength

The powerful refrigeration system is designed to withstand heavy day-to-day loads. During peak loading, when other refrigerators would give up, the correct temperature is kept stable throughout the cabinet.



Easy Cleaning

The inside walls of the cabinet are made of moulded plastic, making them easy to clean.



Removable Gaskets

The door gasket keeps in the cold. For cleaning, it is easy to remove without the use of tools – simple and hygienic.



Robust, Stable Wire Shelves

In COMPACT refrigerators, the heavy-duty, movable wire shelves are mounted in U-shaped rails moulded into the plastic walls. The rails prevent the shelves from tilting when pulled out.

Location and Installation



The cabinet should be placed in a room that is dry and sufficiently ventilated. To operate efficiently it should not be positioned in direct sunlight or near warm appliances. Please note that optimal cabinet performance is obtained at an ambient temperature between +16°C and +35°C.

TR/TN: By placing the cabinet in an environment with high air humidity, it may be necessary to acquire extra equipment for evaporation of the drip water in the pan near the compressor.

The cabinet can be installed freestanding against a wall.

Important

The cabinet must have sufficient ventilation and free air circulation beneath, above and behind the cabinet. The legs under the cabinet and the spacers at the rear of the cabinet will help ensure sufficient air space.

Power Requirements

The cabinet is intended for connection to an alternating current. The connection voltage (V) and frequency (Hz) are shown on the nameplate in the cabinet.

The power connection is made using a three-pin plug to a wall socket.

Any requirement for earthing from the local power supply must be met. The cabinet plug and wall socket should then give a correct earthing. If you are in doubt, contact your local supplier or authorized electrician.



Warning -This appliance must be earthed

The flexible cord fitted to this appliance has three cores for use with a 3-pin 13 Amp plug. If a B.B. 1363 (13 Amp) fused plug is used, it should be fitted with a 13 Amp fuse or a moulded right-angled Schuko plug. Note the plate with a hole in it between and above the two pins - this connects to French and Belgian sockets, which have an earth pin that sticks out. Running in a slot coming from that plate is a continuation strip from the plug. Other european countries use a socket with a scrolled metal connector emerging from the side which mates with that strip. This ensures that the Schuko can be used in most mainland european countries.

Important

The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow: earth

Blue: neutral

Brown: live

The colours of the wires in the mains lead of this appliance might not correspond with the coloured markings identifying the terminals in your plug.

Proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked "E", marked by the earth symbol or coloured green-and-yellow. The wire, which is coloured blue, must be connected to the terminal, which is marked with the letter "N", or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter "L" or coloured red.

Starting Up



Plug in the cabinet.

The display shows the actual cabinet temperature



Servicing: Make sure the appliance is switched off at the mains before service is performed on electrical parts.

Temperature Setting

Temperature control:



Set point setting .

To view and modify the set point:

- press SET for 1 s, the set value will start flashing;
- increase or decrease the value using UP or DOWN;
- press SET to confirm the new value.

Defrosting

AR:

Defrosting occurs during compressor standstill periods.

The defrost water is collected in the channel under the evaporator then led through a tube into the re-evaporation pan near the compressor.

AN:

Disconnect power at the mains and place a bowl of hot water in the cabinet. Close the door and wait half an hour. Blowing hot air into the cabinet with a hair dryer can accelerate the defrosting. The remaining frost can be wiped off with a warm cloth.



Never use a sharp or pointed object that may damage the freezer.

Troubleshooting

If your CR/CN appliance is not functioning properly, please check the following table before calling the Helpline.

Fault	Probable Cause	Action
The appliance is not working	The unit is not switched on	Check that the unit is plugged in correctly and switched on
	Plug and/or lead are damaged	Call our agent or qualified technician
	Fuse in the plug has blown	Replace the fuse
	Power supply	Check power supply
	Internal wiring fault	Call our agent or qualified technician
The appliance turns on, but the temperature is too high/low	Too much ice on the evaporator	Defrost the appliance
	Condenser blocked with dust	Clean the condenser thoroughly
	Doors are not shut properly	Check that doors are shut and seals are not damaged
	Appliance is located near a heat source, or air flow to the condenser is blocked	Move the refrigerator to a more suitable location
	Ambient temperature is too high	Increase ventilation or move appliance to a cooler position
	Unsuitable foodstuffs are being stored in the appliance	Remove any excessive hot foodstuffs or blockages to the fan
The appliance is leaking water	Appliance is overloaded	Reduce the amount of food stored in the appliance
	The appliance is not properly leveled	Adjust the screw feet to level the appliance
	The discharge outlet is blocked	Clear the discharge outlet
	Movement of water to the drain is obstructed	Clear the floor of the appliance
	The water container is damaged	Call our agent or qualified technician
The appliance is unusually loud	The drip tray is overflowing	Empty the drip tray
	The frame has become loose	Check and tighten all nuts and screws
	The appliance has not been installed in a level or stable position	Check installation position and change if necessary

Cleaning



Before cleaning, switch off the cabinet at the mains.

The cabinet should be kept clean using a mild soap solution. Do not use abrasive cleansers. The plastic parts cannot withstand boiling water (max. temperature +85°C).

When regular cleaning is performed, be sure to wipe clean the rubber door gasket to ensure any sticky substances are removed that would otherwise damage the gasket.

The condenser fan air outlet above the compressor must be free of leaves, paper etc. to ensure normal operation of the cabinet.

The condenser on the back of the cabinet must be regularly cleaned as well. This is best done with a vacuum cleaner and a brush.

Spare Parts

When ordering spare parts that you can easily fit yourself, please give the product's model number and the function of the part(s) concerned.

Servicing

The hermetically sealed refrigerating system requires no inspection - just maintenance.

If the system fails and you cannot find the cause, contact a refrigeration repair service.

Disposal

If the cabinet is no longer of use and you wish to dispose of it, please do so in an environmentally correct way. There may be special requirements or conditions.

You can obtain information on the disposal of refrigeration appliances from:

- Your supplier
- Government authorities (The local council, Ministry of the Environment, etc.)

Energy Rating Information

Model	AR20 ARS20	AR40 ARS40	AR60 ARS60	AN20 ANS20	AN40 ANS40	AN60 ANS60
Interior Dimension *mm	454*475*601	454*475*1601	632*610*1601	454*475*601	454*475*1601	632*610*1601
Exterior Dimension *mm	600*615*850	600*615*1860	775*750*1860	600*615*850	600*615*1860	775*750*1860
Foaming Thickness *mm	70	70	70	70	70	70
Thermostat	Carel	Carel	Carel	Carel	Carel	Carel
Temperature Range * °C	0-8	0-8	0-8	-18~-22	-18~-22	-18~-22
Net Capacity	92L	286L	526L	92L	286L	526L
Energy Level	B	C	B	/	/	/
24h/kwh	0.63	1.45	1.3	/	/	/
Climate Class	4	4	4	4	4	4
Power	220-240V 50Hz					

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