



AMD Direct

22S & 22D REFRIGERATOR USER MANUAL

091426



AMD DIRECT REFRIGERATOR

INSTALLATION INSTRUCTIONS & OWNERS MANUAL

NAME: 22" 4.1C OUTDOOR APPROVED REFRIGERATOR W/ REVERSIBLE DOOR
22" 4.1C OUTDOOR APPROVED REFRIGERATOR W/ UPGRADED SS DOOR &
HANDLE

PART #: RFR-22S / RFR-22D

THANK YOU

Thank you for your purchase. We'd like to welcome you to the AMD Direct family of luxury outdoor kitchen products and look forward to being a part of your home for years to come. As a family business with over 20 years of industry experience, we aim to deliver exceptional quality and personal service. Welcome to the AMD Direct family and we hope you love your new refrigerator!



For warranty information and to register your refrigerator visit,
www.amddirect.com/register

To view on your phone, scan the QR code on your camera app.
camera app. (For Android devices, use Google Lens)

INSTALLER

Please leave this manual for the owner

Serial Number: _____

Model: _____

Date of Purchase: _____

Place of Purchase: _____

IMPORTANT SAFETY WARNINGS

This appliance is not intended for use 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 concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

Maximum load capacity per shelf: [FACTORY VALUE REQUIRED]



RISK OF FIRE / FLAMMABLE MATERIALS

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

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn.

Be aware that refrigerants may not contain an odour.

SERVICING

Servicing shall be performed only as recommended by the manufacturer.

QUALIFICATION OF WORKERS

Every working procedure that affects safety means shall only be carried out by competent persons who are trained by national training organizations or manufacturers. The achieved competence should be documented by a certificate.

Examples for such working procedures are:

- a) breaking into the refrigerating circuit;
- b) opening of sealed components;
- c) opening of ventilated enclosures.

The component parts shall be replaced with like components so as to minimize the risk of

possible ignition due to incorrect parts.

The appliance is to be installed in accordance with the Safety Standard for Refrigeration Systems, ANSI/ASHRAE 15.

PRODUCT MAINTENANCE, SERVICING, AND DECOMMISSIONING

1. SERVICING

1.1 CHECKS TO THE AREA

Prior to beginning work on systems containing FLAMMABLE REFRIGERANTS, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the REFRIGERATING SYSTEM, Clause 2 to 6 shall be completed prior to conducting work on the system.

1.2 WORK PROCEDURE

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

GENERAL WORK AREA

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.

1.3 CHECKING FOR PRESENCE OF REFRIGERANT

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially toxic or flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e., nonsparking, adequately sealed, or intrinsically safe.

1.4 PRESENCE OF FIRE EXTINGUISHER

If any hot work is to be conducted on the refrigerating equipment or any associated parts, appropriate fire extinguishing equipment shall be available on hand. A dry chemical or CO2 fire extinguisher should be adjacent to the charging area.

1.5 NO IGNITION SOURCES

No person carrying out work in relation to a REFRIGERATING SYSTEM which involves exposing any pipe work shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment shall be surveyed to make sure

IMPORTANT SAFETY WARNINGS

that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

1.6 VENTILATED AREA

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

1.7 CHECKS TO THE REFRIGERATING EQUIPMENT

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times, the manufacturer's maintenance and service guidelines shall be followed. If in doubt, consult the manufacturer's technical department for assistance.

The following checks shall be applied to installations using **FLAMMABLE REFRIGERANTS**:

- a) the actual **REFRIGERANT CHARGE** is in accordance with the room size within which the refrigerant containing parts are installed;
- b) the ventilation machinery and outlets are operating adequately and are not obstructed;
- c) if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;
- d) marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;
- e) refrigerating pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

1.8 CHECKS TO ELECTRICAL DEVICES

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment, so all parties are advised.

Initial safety checks shall include:

- a) that capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- b) that no live electrical components and wiring are exposed while charging, recovering or purging the system;
- c) that there is continuity of earth bonding.

2. REPAIRS TO SEALED COMPONENTS

During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.

Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.

Ensure that the apparatus is mounted securely.

Ensure that seals or sealing materials have not degraded to the point that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

3. REPAIR TO INTRINSICALLY SAFE COMPONENTS

[FACTORY CLARIFICATION REQUIRED: The supplied text begins mid-sentence.]

that this will not exceed the permissible voltage and current permitted for the equipment in use.

Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating.

Replace components only with parts specified by the manufacturer. Other parts can result in the ignition of refrigerant in the atmosphere from a leak.

IMPORTANT SAFETY WARNINGS

4. CABLING

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges, or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

5. DETECTION OF FLAMMABLE REFRIGERANTS

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

The following leak detection methods are deemed acceptable for all refrigerant systems.

Electronic leak detectors may be used to detect refrigerant leaks but, in the case of FLAMMABLE REFRIGERANTS, the sensitivity might not be adequate, or might need recalibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed, and the appropriate percentage of gas (25 % maximum) is confirmed.

Leak detection fluids are also suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine can react with the refrigerant and corrode the copper pipe-work.

NOTE Examples of leak detection fluids are – bubble method,
– fluorescent method agents.

If a leak is suspected, all naked flames shall be removed/extinguished.

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak.

Removal of refrigerant shall be according to instruction of removal and evacuation.

6. REMOVAL AND EVACUATION

When breaking into the refrigerant circuit to make repairs or for any other purpose-conventional procedures shall be used. However, for flammable refrigerants it is important that best practice be followed, since flammability is a consideration. The following procedure shall be adhered to:

- a) safely remove refrigerant following local and national regulations;
- b) purge the circuit with inert gas;
- c) evacuate (optional for A2L);
- d) purge with inert gas (optional for A2L);
- e) open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process might need to be repeated several times. Compressed air or oxygen shall not be used for purging refrigerant systems.

For appliances containing flammable refrigerants, refrigerants purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum (optional for A2L). This process shall be repeated until no refrigerant is within the system (optional for A2L). When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.

Ensure that the outlet for the vacuum pump is not close to any potential ignition sources and that ventilation is available.

7. CHARGING PROCEDURES

In addition to conventional charging procedures, the following requirements shall be followed:

- a) Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
- b) Cylinders shall be kept in an appropriate position according to the instructions.
- c) Ensure that the REFRIGERATING SYSTEM is earthed prior to charging the system with refrigerant.
- d) Label the system when charging is complete (if not already).
- e) Extreme care shall be taken not to overfill the REFRIGERATING SYSTEM.

Prior to recharging the system, it shall

IMPORTANT SAFETY WARNINGS

be pressure-tested with the appropriate purging gas. The system shall be leak-tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

8. DECOMMISSIONING

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of recovered refrigerant. It is essential that electrical power is available before the task is commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate the system electrically.
- c) Before attempting the procedure, ensure that:
 - i) mechanical handling equipment is available, if required, for handling refrigerant cylinders;
 - ii) all personal protective equipment is available and being used correctly;
 - iii) the recovery process is supervised at all times by a competent person;
 - iv) recovery equipment and cylinders conform to the appropriate standards.
- d) Pump down refrigerant system, if possible.
- e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- f) Make sure that cylinder is situated on the scales before recovery takes place.
- g) Start the recovery machine and operate in accordance with instructions.
- h) Do not overfill cylinders (no more than 80 % volume liquid charge).
- i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
- j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- k) Recovered refrigerant shall not be charged into another REFRIGERATING SYSTEM unless it has been cleaned and checked.

9. LABELLING

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing FLAMMABLE REFRIGERANTS, ensure that there are labels on the equipment stating the equipment contains FLAMMABLE REFRIGERANT.

10. RECOVERY

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e., special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure-relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of all appropriate refrigerants including, when applicable, FLAMMABLE REFRIGERANTS. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.

The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant waste transfer note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.

If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that FLAMMABLE REFRIGERANT does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.

IMPORTANT SAFETY WARNINGS

PROPER DISPOSAL

DANGER: RISK OF CHILD ENTRAPMENT

Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous, even if they will sit for "just a few days."

Before you throw away your old refrigerator:

- Take off the door.
- Leave the shelves in place so that children may not easily climb inside.

Refrigerants must be handled and disposed of in accordance with federal and local regulations. Before disposal of the appliance, all refrigerant must be properly recovered by a qualified service technician.

CLIMATE CLASS

The climate class of this appliance is indicated on the rating label. The appliance is designed for use within the ambient temperature range specified for its climate class.

[INSERT FACTORY-CONFIRMED CLIMATE CLASS / TEMPERATURE RANGE]

WARNING

Disconnect all power supplies before servicing.

WARNING

KEEP CLEAR OF OBSTRUCTION ALL VENTILATION OPENINGS IN THE APPLIANCE ENCLOSURE OR IN THE STRUCTURE FOR BUILDING-IN.

WARNING

DO NOT USE MECHANICAL DEVICES OR OTHER MEANS TO ACCELERATE THE DEFROSTING PROCESS, OTHER THAN THOSE RECOMMENDED BY THE MANUFACTURER.

WARNING

DO NOT DAMAGE THE REFRIGERATING CIRCUIT.

WARNING

DO NOT USE ELECTRICAL APPLIANCES INSIDE THE FOOD/ICE STORAGE COMPARTMENTS UNLESS THEY ARE OF THE TYPE RECOMMENDED BY THE MANUFACTURER.

WARNING

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

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn.

Be aware that refrigerants may not contain an odor.







22" REFRIGERATOR USER MANUAL

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BEFORE OPERATING

Shipment Arriving Damaged:

VISIBLE DAMAGE

If your shipment arrives with visible damage to the box/carton, be sure the damage is noted on the bill of freight or express receipt and signed by the person making the delivery. File a claim for damages immediately, regardless of the extent of damage.

CONCEALED DAMAGE

If damage is unnoticed until the refrigerator is unpacked, notify the transportation company or carrier immediately and file a concealed damage claim with them. This should be done within (5) days of the delivery date. Be sure to hold on to the box/carton for inspection. We cannot assume responsibility for damage or loss incurred in transit.

Important Notes:

CONSTRUCTION NOTES

Keep all stainless steel products away from construction zones. Construction debris such as (but not limited to) stone dust, stucco, and lime dust could damage or permanently discolor stainless steel products. Keep all caustic chemicals including chlorine and pool cleaning products away from stainless steel at all times.



WARNING

ELECTRICAL PARTS & COMPONENTS

Disconnect all power supplies before servicing.

INTERIOR LIGHT

This unit is equipped with an interior LED light which will be turned ON when the door is open.

BEFORE USING YOUR APPLIANCE

Remove the exterior and interior packing. Before connecting the appliance to the power source, let it stand upright for approximately 24 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation. Clean the interior surface with lukewarm water using a soft cloth. Install the handle on the door if not already attached.

It is recommended that you install the appliance in a place where the ambient temperature is between 60°F and 90°F (16°C-32°C). If the ambient temperature is above or below recommended temperatures, the performance of the unit may be affected. For example, placing your unit in extremely cold or hot conditions may cause interior temperatures to fluctuate. The operating temperature range may not be reached.

BEFORE INSTALLING YOUR UNIT

- Remove the exterior and interior packing.
- Check to be sure you have all of the following parts:
 - 3 Shelves
 - 1 Glass Lid
 - 1 Crisper
 - 1 Instruction Manual
- Before connecting the unit to the power source, let it stand upright for approximately 2 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation.
- Clean the interior surface with lukewarm water using a soft cloth.

INSTALLING YOUR UNIT

- This appliance may be installed as a freestanding unit or built into an outdoor kitchen. For built-in applications, adequate clearance must be maintained around the unit to provide proper ventilation and heat dissipation.

POSITION	MINIMUM CLEARANCE
Rear	2 in. (50 mm)
Left/Right	¾ in. (20 mm) each side
Top	¾ in. (20 mm)

- Place your unit on a floor that is strong enough to support the unit when it is fully loaded. To level your unit, adjust the two leveling legs at the bottom of the unit.

CLEANING AND MAINTENANCE

Periodic cleaning and proper maintenance will ensure efficiency, top performance, and a long service life.

The maintenance intervals listed are based on normal conditions. You may want to shorten the intervals if you have pets or other special considerations.

Exterior cleaning for your stainless steel model:

- Your stainless steel model may discolor when exposed to chlorine gas, pool chemicals, salt water, or cleaners containing bleach.
- Keep your stainless unit looking new by cleaning with a high quality, all-in-one stainless steel cleaner/polish on a monthly basis. Frequent cleaning will remove surface contamination that could lead to rust. Some installations will require cleaning on a weekly basis.
- DO NOT CLEAN WITH STEEL WOOL PADS.
- DO NOT USE CLEANERS THAT ARE NOT SPECIFICALLY INTENDED FOR STAINLESS STEEL (This includes glass, tile and counter cleaners).
- If any surface discolor or rusting appears, clean it quickly with Bon-Ami or Barkeepers Friend

BEFORE OPERATING

Cleanser and a non-abrasive cloth. Always clean in the direction of the grain. Always finish this process with a high quality, all in one stainless cleaner/polish to prevent further problems.

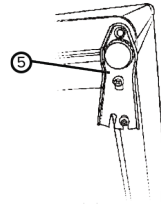
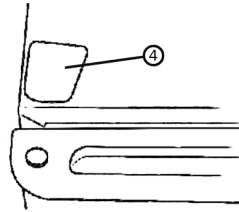
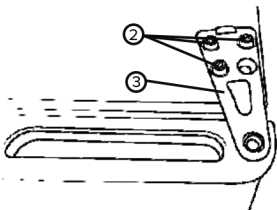
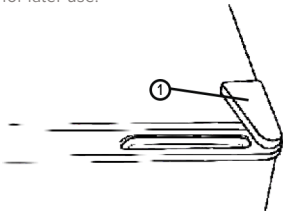
- USE OF ABRASIVE PADS SUCH AS SCOTCHBRITE WILL CAUSE THE GRAINING IN THE STAINLESS TO BECOME BLURRED.
- Rust that is allowed to linger can penetrate into the surface of the stainless steel and become impossible to remove.
- Locate the unit away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly.
- Avoid locating the unit in moist areas.
- Plug the unit into an exclusive, properly installed-grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized Products service center.
- After plugging the appliance into a wall outlet, allow the unit to cool down for 2-3 hours before placing food in the refrigerator compartment.

REVERSING THE DOOR SWING OF YOUR APPLIANCE

This refrigerator can be opened either from the left or right side. The default way of opening the door is from the right side. If you want to open the door from the left side, please follow the instructions below.

NOTE: Keep all removed parts for reinstallation of the door.

- Remove the Upper Hinge Cover (1) and the three Screws (2). Hold the Upper Hinge (3) and save the hinge for later use.



- Remove the Hole Cover (4) and transfer it to the same location on the opposite side.
- Remove the three Screws (2) that hold the Lower Door Hinge (5), keep the hinge for later use.
- Remove the Door from the Upper Hinge pin (3), and keep the padded surface upwards to prevent the scratching
- Insert the Lower Door Hinge (5) in the right side, fix the lower right hinge by tightening all the screws.
- Put the door on the Lower Door Hinge (5), keep the door level, and then fix the Upper Hinge (3) to the Door by the screws
- Put on the Upper Hinge Cover (1).

SETTING THE TEMPERATURE CONTROL

- Your unit has only one control for regulating the temperature in the compartment. The temperature control is located on the upper right hand side of the compartment.
- The first time you turn the unit on, set the temperature control to "6".
- The range of the temperature control is from position "OFF" to "6". After 24 to 48 hours, adjust the temperature control to the setting that best suits your needs.
- To turn the appliance off, turn the temperature control to "OFF".

NOTE:

1. Turning the temperature control to "OFF" position stops the cooling cycle but does not shut off the power to the unit.
2. If the unit is unplugged, has lost power, or is turned off, you must wait 3 to 5 minutes before starting the unit. If you attempt to restart before this time delay, the unit will not start.

CARE & MAINTENANCE



CAUTION

Do not use boiling water because it may damage the plastic parts. In addition, never use a sharp or metallic instrument to remove frost as it may damage the cooling system and will void the warranty. We recommend using a plastic scraper.

CLEANING YOUR UNIT

- Turn the temperature control to "OFF," unplug the unit, and remove the food, shelf, and tray.
- Wash the inside surfaces with a warm water and baking soda solution. The solution should be about 2 tablespoons of baking soda to a quart of water.
- Wash the shelf and tray with a mild detergent solution.
- The outside of the unit should be cleaned with mild detergent and warm water.
- Wring excess water out of the sponge or cloth before cleaning the area of the controls, or any electrical parts.
- Wash the outside cabinet with warm water and mild liquid detergent. Rinse well and wipe dry with a clean soft cloth.



CAUTION

Failure to unplug the unit could result in electrical shock or personal injury.

VACATION TIME

Short Vacations: Leave the appliance operating during vacations of less than three weeks.

Long Vacations: If the appliance will not be used for several months, remove all items and turn off the appliance. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly, blocking it open if necessary.

MOVING YOUR APPLIANCE

- Remove all items.
- Securely tape down all loose items inside your appliance.
- Turn the adjustable legs up to the base to avoid damage.
- Tape the door shut.
- Be sure the appliance stays secure in the upright position during transportation. Also protect the outside of the appliance with a blanket or similar item.

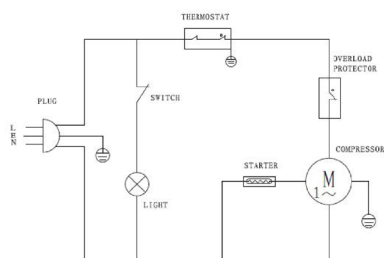
POWER FAILURE

Most power failures are corrected within a few hours and should not affect the temperature of your appliance if you minimize the number of times the door is opened. If the power is going to be off for a longer period of time, you need to take the proper steps to protect the contents.

ENERGY SAVING TIPS

- The unit should be located in the coolest area of the room, away from heat-producing appliances and out of direct sunlight.
- Let hot foods cool to room temperature before placing in the unit. Overloading the unit forces the compressor to run longer.
- Be sure to wrap foods properly, and wipe containers dry before placing them in the unit. This cuts down on frost build-up inside the unit.
- The unit storage bin should not be lined with aluminum foil, wax paper, or paper towels. Liners interfere with cold air circulation, making the unit less efficient.
- Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

WIRING DIAGRAM

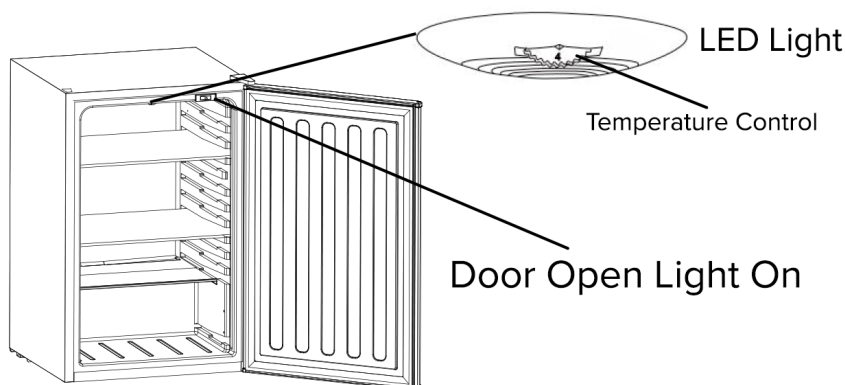


TROUBLESHOOTING

Many common problems can be solved easily, saving you the time spent communicating with customer service. Try the suggestions below to see if the issue has a simple solution.

PROBLEM	POSSIBLE CAUSE	REMEDY
Appliance does not operate.	Appliance is not connected to a power supply. The appliance is turned off. Tripped circuit breaker or a blown fuse.	Connect the appliance. Turn the temperature control to the desired setting. Switch on the circuit breaker or replace the fuse.
Appliance is not cold enough.	The temperature is not set correctly. Temperature could require a lower temperature setting. The door was not closed completely. Door is not hermetically sealed. The condenser is too dirty. The ventilation opening is blocked or too dusty.	Check the set temperature. Set a lower temperature. Do not open the door more often than necessary. Close door properly. Check the door seal and clean/replace. Clean the condenser when necessary. Clear any obstructions and clean away any dust.
Appliance turns itself on and off frequently.	The room temperature is higher than average. A large amount of food has been added to the unit. The door is open too often. The door is not closed completely. The door gasket does not seal properly.	Put the appliance in a cooler place. Leave the appliance to work for a while until the set temperature has been reached. Do not open the door more than necessary. Close the door properly. Check the door seal and clean/replace.
The light does not work.	Appliance is not connected to a power supply. Tripped circuit break or blown a fuse.	Connect the appliance. Switch on circuit breaker or replace fuse.
Vibrations.	The appliance is not properly leveled.	Level the appliance with the adjustable feet.
The appliance seems to make too much noise.	The rattling may come from the flow of the refrigerant, which is normal. As each cycle ends, you may hear gurgling sounds caused by the flow of refrigerant in your appliance. If the temperature fluctuations occur, the contraction and expansion of the inner walls may cause popping and cracking noises. The appliance is not properly level.	Level the appliance with the adjustable feet.
The door will not close properly.	The appliance is not properly level. The door was reversed and not properly installed. The gasket is dirty.	Level the appliance with the adjustable feet. Check the door hinge and reassemble correctly. Clean the door gasket.

INSTALLATION



ELECTRICAL CONNECTION

This appliance should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with a standard three-prong wall outlet to minimize the possibility of electrical shock.

Do not under any circumstance cut or remove the third (ground) prong from the power cord supplied. For personal safety, this appliance must be properly grounded. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized service center.

The appliance requires a standard 115/220 Volt AC-60HZ three-prong grounded electrical outlet. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard 2-prong wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

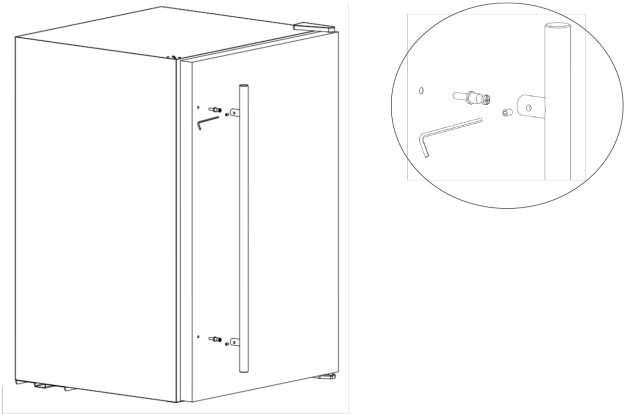
To prevent accidental injury, the cord should be secured behind the appliance and not left exposed or dangling.

The appliance should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating label on the appliance. This provides the best performance and also prevents overloading house wiring circuits that could cause a fire hazard from overheating. Never unplug the appliance by pulling on the power cord, always grip the plug firmly and pull straight out from the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.

EXTENSION CORD

Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this appliance. However, if you must use an extension cord, it is absolutely necessary that it be a UL/CUL-Listed, 3-wire grounding type appliance extension cord having a ground type plug and outlet and that the electrical rating of the cord be 115 volts and at least 1.3 amperes.

DELUXE DOOR HANDLE INSTALLATION



Parts:

No.	Part	Part Name	QTY
①		Refrigerator Door Screw	2
②		Screw Assembly on Handle (note: these 2 small screws are fastend directly onto the handle during manufacture)	2
③		Door Handle	1
④		Hex Wrench	1

Step:

1. Loosen the screws on the door.
2. Screw the part ① screws into the holes on door.
3. Fasten part ① screws through the Door Handle holes, then tighten the part ② screws with hex wrench ④ .

INSTALLATION

ELECTRICAL CONNECTION CONTINUED

This appliance should be properly grounded for your safety. The power cord of this appliance is equipped with a 3-prong plug which mates with a standard 3-prong wall outlet to minimize the possibility of electrical shock.

Do not under any circumstance cut or remove the 3rd (ground) prong from the power cord supplied. For personal safety, this appliance must be properly grounded. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized service center.

The appliance requires a standard 115/120 Volt AC-60HZ three-prong grounded electrical outlet. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard 2-prong wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

To prevent accidental injury, the cord should be secured behind the appliance and not left exposed or dangling.

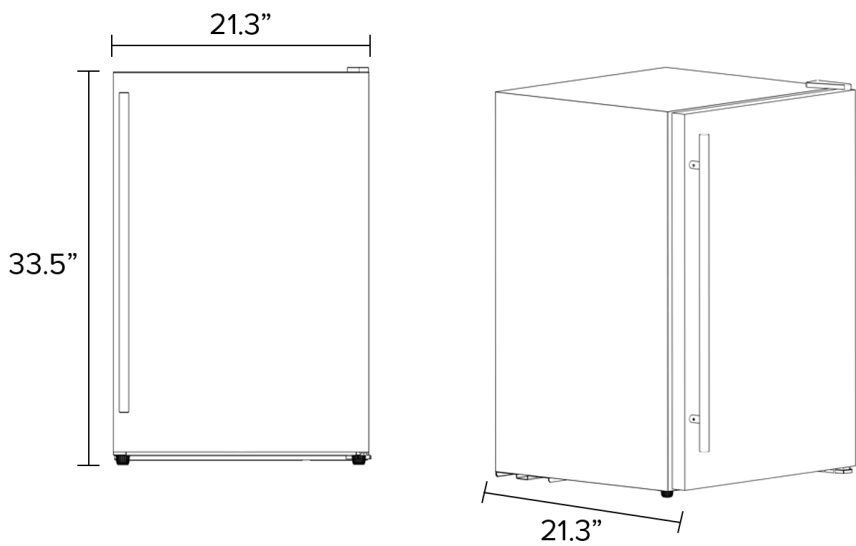
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EXTENSION CORD

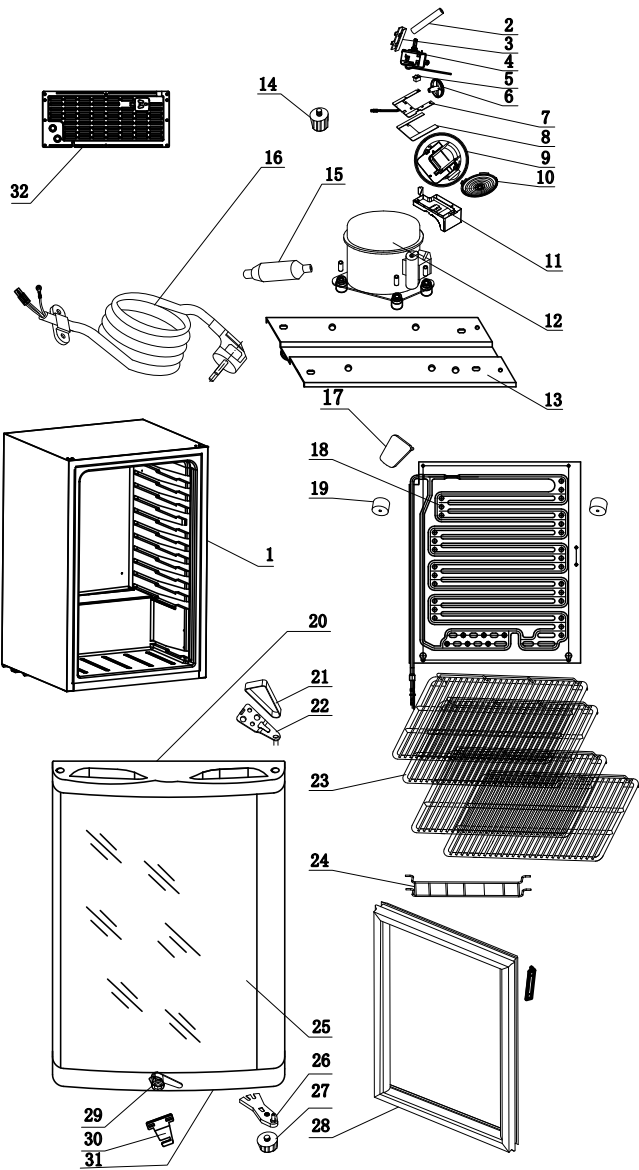
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DIMENSIONS

THE DIMENSIONS SHOWN ARE FOR THE RFR-22S, RFR-22D, & RFR-22D-R



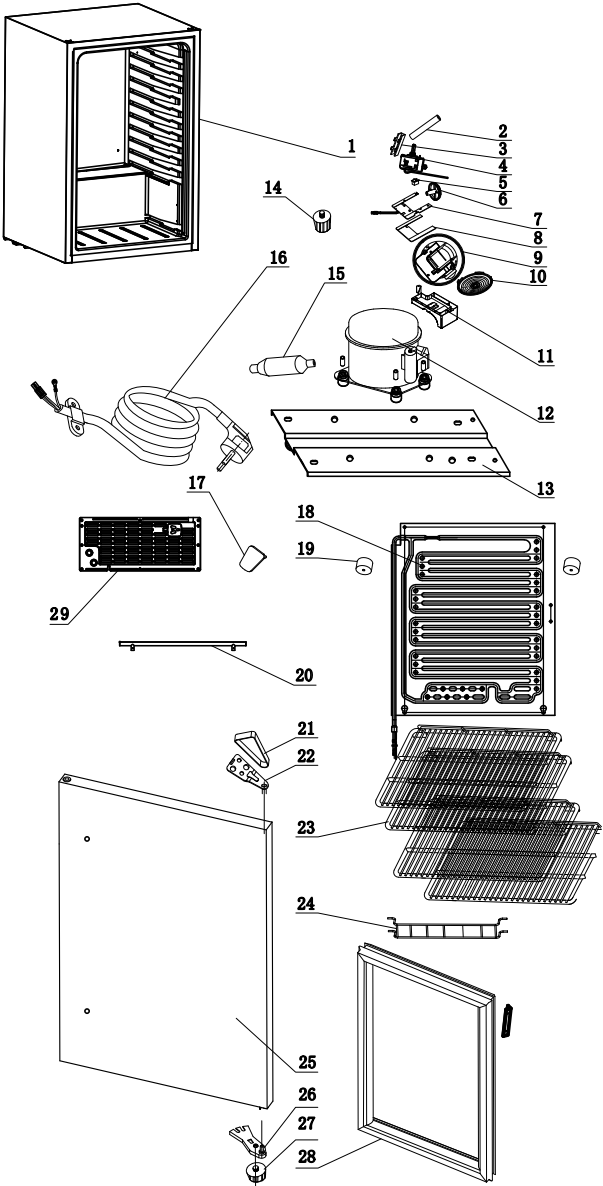
RFR-22S ILLUSTRATED PARTS



RFR-22S REPLACEMENT PARTS

ITEM	Part No	DESCRIPTION	QTY.
1	n/a	Foamed Cabinet	1
2	n/a	Temperature Sensor Sleeve	1
3	n/a	Temperature Sensor Sleeve Cover	1
4	12216	Controller	1
5	116021	Cylindrical Switch	1
6	116013	Controller Knob	1
7	116014	Ceiling Light Panel	1
8	n/a	Ceiling Light Cover	1
9	n/a	Ceiling Light Base	1
10	116015	Ceiling Light Shade	1
11	n/a	Compressor Compartment Drip Tray	1
12	116005	Compressor and Accessories	1
13	n/a	Compressor Base Plate	1
14	116009	Feet	1
15	n/a	Dry Filter	1
16	10882	Power Cord	1
17	10655	Upper Door Hinge Hole Cover	1
18	n/a	Evaporator	1
19	n/a	Evaporator Fixing Block 1	2
20	n/a	Foamed Door Decorative Strip (Upper)	1
21	10692	Upper Door Hinge Cover	1
22	116012	Upper Door Hinge	1
23	116019	Upper Wire Shelf	4
24	116017	Wine Rack	1
25	116008	Solid Door (Left/Right Door Reversible)	1
26	116011	Lower Door Hinge	1
27	10642	Short Front Feet	1
28	116010	Door Gasket	1
29	n/a	Door Lock	1
30	n/a	Lock Fixing Plate	1
31	n/a	Foamed Door Decorative Strip (Lower)	1
32	n/a	Compressor Compartment Rear Grill	1

RFR-22D ILLUSTRATED PARTS



RFR-22D REPLACEMENT PARTS

ITEM	Part No	DESCRIPTION	QTY.
1	n/a	Foamed Cabinet	1
2	n/a	Temperature Sensor Sleeve	1
3	n/a	Temperature Sensor Sleeve Cover	1
4	12216	Contoller	1
5	116021	Cylindrical Switch	1
6	116013	Controller Knob	1
7	116014	Ceiling Light Panel	1
8	n/a	Ceiling Light Cover	1
9	n/a	Ceiling Light Base	1
10	116015	Ceiling Light Shade	1
11	n/a	Compressor Compartment Drip Tray	1
12	116005	Compressor and Accessories	1
13	n/a	Compressor Base Plate	1
14	116009	Feet	2
15	n/a	Dry Filter	1
16	10882	Power Cord	1
17	10655	Upper Door Hinge Hole Cover	1
18	n/a	Evaporator	1
19	n/a	Evaporator Fixing Block 1	2
20	12247	Handle	1
21	10692	upper door hinge cover	1
22	12254	upper door hinge	1
23	116019	upper wire shelf	4
24	116017	Wine Rack	1
25	16097	Solid door	1
26	12250	Lower door hinge	1
27	10642	Short Front Feet	2
28	116010	Door Gasket	1
29	n/a	Compressor Compartment Rear Grill	1

WARRANTY



Your investment in AMD Direct products is backed by the strongest warranty in the industry. In addition to precision engineering and outstanding performance, AMD Direct products include our **GOLD STANDARD LIFETIME WARRANTY** with all replacement parts 100% non-prorated. Effective with purchases as of 3/1/23.

AMD Direct Warranty is valid for original purchaser at original site of delivery with proof of purchase and photo documentation only. Registration form must be submitted online within 30 days of the purchase date to validate the warranty. Warranty is void upon transfer of ownership. Warranty does not apply to products installed in any commercial, rental, or nonresidential application (exception of the Resort Grill, Alturi, & TRL). Warranty covers replacement parts only. Manufacturer is not responsible for labor or labor-related costs. Warranty does not cover discoloration, surface rust, corrosion, or oxidation, which may occur due to harsh environments, chemicals, or overheating. Warranty will not apply for damage resulting from improper installations, abuse, extreme environments, grease fires, or misuse. Proof of regular and proper maintenance is required. Coastal, humid, and/or salt environments are subject to manufacturer review. All out-of-box claims must be made within 30 days of purchase and must be made prior to installation. Any product installed damaged will be considered damaged during installation and not covered under warranty. Warranty and registration forms are available at www.amddirect.com/register. Please be advised - all display models are sold "as is" and the warranty covers the following items only: main burners (Gold Standard Lifetime Warranty), grates (Gold Standard Lifetime Warranty), burner covers (Gold Standard Lifetime Warranty). All warranties are subject to the review and approval of the manufacturer.

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AMD DIRECT GAS APPLIANCES (GRILLS, SIDE/POWER BURNERS, GAS GRIDDLE & OVEN)

- Gold Standard Lifetime Warranty on Construction and Manufacturer Defects
- Gold Standard Lifetime Warranty on Stainless Steel Construction
- Gold Standard Lifetime Warranty on Cooking Grates, Burners, Burner Covers, Valves, Flame Tamers, and Heat Zone Separators, Temperature Gauges, & Hood Springs
- Gold Standard Lifetime Warranty on Briquette Systems
- 3 YEAR Warranty on all Other Parts, Components, & Electrical, Including: LED Bulbs, Wire Harness, & Switches; Power Source Wire; Transformer; Interior Halogen Light Wire & Bulb

VENT HOODS

- 5 Year Warranty on all Stainless Steel Construction
- 3 Year Warranty on Blowers, LED Lighting, Wiring Harness and Switches

15" & 24" REFRIGERATION MODELS

- 3 Year Warranty on all Construction Including Compressors
- 1 Year Warranty on Transformer, LED Bulbs, LED Harness, Power Source Wire, LED Switches, Interior Halogen Light Wire/Bulbs

22" REFRIGERATION MODELS

- 1 Year Warranty on all Construction & Electrical Components Including Compressor, Transformer, LED Bulbs, LED Harness, Power Source Wire, LED Switches, Interior Halogen Light Wire/Bulbs

COLD STORAGE & SINKS

- Gold Standard Lifetime Warranty on Ice Chests
- Gold Standard Lifetime Warranty on Drains & Faucets

DRAWERS, DOORS, GRILL LINERS, & CARTS

- Gold Standard Lifetime Warranty on Construction, Workmanship and Materials for all Stainless Steel Parts, Including Doors, Drawers, Grill Liners, & Carts
- 3 Year Warranty on Electrical (Warming Drawers)

COVERS

- Gold Standard Lifetime Warranty on Covers, Including Grills, Carts, Side/Power Burners, Gas Griddle & Oven

COMMERCIAL APPLICATIONS

GAS GRILLS

- Gold Standard Lifetime Warranty on Workmanship, Construction, & Manufacturer Defects for All Commercial and/or Hospitality Applications
- Warranty is Void upon Misuse, Including Lack of Regular Cleaning, Vandalism, or Theft
- Warranty is Valid Only if Regular Maintenance is Exercised. Due to the Nature of Commercial Applications (Multiple Users, Lack of Control of Use, etc.) Regular Maintenance Is Mandatory



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