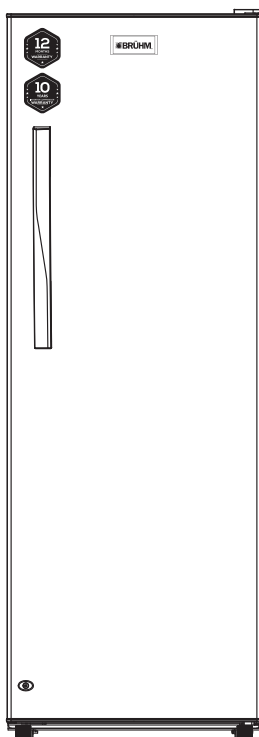




USER MANUAL

Upright Freezer

Model No.: BUS-280MI



Before operating the unit, please read this manual completely.



This appliance is intended to be used in household and similar applications such as:

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

IMPORTANT SAFETY INSTRUCTIONS TO READ BEFORE USING

To reduce the risk of fire, electrical shock, or injury when using your appliance, follow these basic precautions: Read all instructions before using the unit.

DANGER or WARNING:

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.

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.

Please according to local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas.

Before you throw away your old unit: Take off the door. Leave the shelf in place so that children may not easily climb inside.

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

The appliance must be positioned so that the plug is accessible.

WARNING – Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction

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 refrigerant circuit

WARNING – Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer

Never clean unit parts with flammable fluids. The fumes can create a fire hazard or explosion.

Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other freezer. The fumes can create a fire hazard or explosion.

INSTALLATION INSTRUCTIONS

Before Using Your Unit

Remove the exterior and interior packing.

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.

Installation of Your Unit

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 legs at the bottom of the unit.

Allow 5 inches of space between the back and sides of the unit, which allows the proper air circulation to cool the compressor and condenser.

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. Too much moisture in the air will cause frost to form quickly on the interior surface requiring more frequent defrosting of the unit.

Plug the unit into an exclusive properly installed-grounded wall outlet. Under any circumstances, do not 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 Avanti Products service center.

Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

Do not use outdoors or wet surfaces. Use only on dry, indoor surfaces.

Look on your unit and follow all label and marking instructions.

Pull down the door-hinge from the bottom of the refrigerator with cross opener, take off the doorpost, and install it to the relative jack and screw down the nut, install the adjusted nut which take off from the left to the relative positive on the right. Aim at the door and screw down the bolt, pull back the top cover from the front to the back, insert it in the top cover from side to side, and screw down the two bolts of the back of the top cover.

Now the refrigerator door is changed from right to left deviation.

Electrical Connection

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized Avanti Products service center.

This unit should be properly grounded for your safety. The power cord of this unit is equipped with a three-prong plug which mates with standard three prong wall outlets to minimize the possibility of electrical shock. To use sole triangle hole socket. Do not share multi-socket together with other electric appliances.

Under any circumstances, do not cut or remove the third ground prong from the power cord supplied.

Never use an extension cord to connect power to the unit.

Using improper voltage may result in damage to the appliance and possible injury to the user. Correct voltage is listed on the rating label.

The cord should be secured behind the unit and not left exposed or dangling to prevent accidental injury.

OPERATING YOUR UNIT

Setting the Temperature Control

Start-up for a test:

To use as a freezer, you may set the temperature control dial at the "7" (max) position by turning the knob clockwise from the starting or "1" (min) position. After 24 hours, adjust the control to the setting that best suits your needs.

When open the door can feel some cold air come out after being electrified for around 30 minutes, it indicates that the refrigeration system operates normally;

It's normal that the both sides of the refrigerator is warm when it is in operation.

Thermostat knob can adjust the temperatures in the refrigerator.

There are severing settings marked 1-7 respectively, which means refrigeration instead of specific temperatures. "7", may lead to a consecutive operation occasionally.

The smaller number, the higher the temperature in the refrigerator, vice versa.

Consumers can adjust the thermostat knob according to their specific needs. The knob can be switched to the middle setting in everyday life.

Caution: The "7" setting is applicable to quick freeze or preserve large amount of food. Switch to the usual setting after quick freezing to avoid spoiling the food.

Warning: Pls must take care that "7" is strong setting for quick freeze, if set these gear for usual using, the compressor will not stop and heating, the compressor will be damaged in the future months.

Keep the refrigerator standing for 6 hours before put on power (compressor oil will be back to the compressor, if put on power immediately when you receive it, it may have oil block problem).

If the unit is unplugged, power cut, or turned off; you must wait for 3 to 5 minutes before restarting the unit. If you attempt to restart before this time delay, the unit will not start.

When storing the food, clean-wrapped it or store in a container with a lid, this prevents smell and keep dry.

There should be proper space between food, do not put into too much food.

For saving electricity, do not open the door frequently.

Defrosting Your Unit

•**When?** For the most efficient operation and minimum energy consumption, defrost the unit compartment when the frost on the evaporator wall is excessive or ¼ inch thick.

•**How?** To start defrosting, unplug the unit, remove the food and shelf. After the frost or ice has melted, discard the melted water and dry up the interior of unit. Then the unit can be restarted by turning its thermostat to the desired setting.

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.

- Use a sponge or towel to pick up the melting ice off the unit floor.
- Remove the frozen food from the unit and place it in a cooler to protect the food.
- Do not spatter water inside or outside the unit parts because they are easy to be out of order or cause electrical shock when touching water.
- Avoid taking plug with wet hands. Keep cord away from heated surfaces.
- Do not put things which temperature is strictly demanded into. The unit. (such as serum, vaccine, reagent etc.)
- Do not put inflammable things into the unit. Benzene, liquid gas, alcohol, bond etc. Are dangerous to explode.
- Do not damage the unit circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance.
- Do not use with damaged cord or plug. Do not use unit if it has been dropped, damaged, left outdoors, or dropped in water. Return it to an authorized service center.

Please don't put glass bottle or container into the freezing box so as not to be frozen crack.

Please don't slope heavy angle when moving the refrigerator, and don't electrify it until wait for a period of time after it being put steadily.

Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

The Freezer Compartment

This compartment is designed for the long term storage of frozen food.

The storage life of frozen foods varies and the recommended storage time should not be exceeded. The instructions regarding the care of frozen foods should be followed when defrosting the unit.

Pre-packed commercially frozen food should be stored in accordance with the frozen foods manufacturer's instructions for a three star frozen food storage compartment or home freezer.

Place frozen food into the freezer as quickly as possible after purchase. If there are instructions on the packet, carefully follow these instructions regarding storage times.

CARE AND MAINTENANCE

Cleaning Your Unit

Unplug the unit, and remove the food, and shelf.

- Wash the inside 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 baskets with a mild detergent solution.

The outside of the unit should be cleaned with mild detergent and warm water.

CAUTION

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

Power Failure

Most power failures are corrected within a few hours and should not affect the temperature of your unit 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 your food.

Vacation Time

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

Long vacations: If the appliance will not be used for several months, remove all food and unplug the power cord. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly: blocking it open if necessary.

Moving Your Unit

Remove all the food.

Securely tape down all loose items inside your unit.

Turn the leveling screws up to the base to avoid damage.

Tape the door shut.

Be sure the unit stays in the upright position during transportation.

Energy Saving Tips

The unit should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of the direct sunlight. Do not use outdoors or on wet surfaces. Use only as described in this manual. Use only manufacturer's recommended attachments.

Let hot foods cool to room temperature before placing in the unit. Overloading the unit forces the compressor to run longer. Foods that freeze too slowly may lose quality, or spoil.

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 storage basket/bin should not be lined with aluminum foil, wax paper, or paper toweling. 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.

TROUBLESHOOTING GUIDE

You can solve many common unit problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem before calling the servicer.

PROBLEM	POSSIBLE CAUSE
Unit does not operate.	Not plugged in. The circuit breaker tripped or blown fuse. The temperature control is set at "OFF".
Compressor turns on and off frequently.	The room temperature is hotter than normal. A large amount of food has been added to the unit. The door is open too often. The door is not closed completely. The temperature control is not set correctly. The door gasket does not seal properly. The unit does not have the correct clearances.
Vibrations.	Check to assure that the unit is level.
The unit seems to make too much noise.	The rattling noise 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 unit. Contraction and expansion of the inside walls may cause popping and crackling noises. The unit is not level.
The door will not close properly.	The unit is not level. The door is reversed and not properly installed. The gasket is dirty. The shelf or water drip tray are out of position.

The manufacturer reserves the right to modify the design features of the products to improve quality of it.

Warranty Information

The manufacturer provides warranty in accordance with the legislation of the customer's own country of residence, with a minimum of 1 year (Germany: 2 years), starting from the date on which the appliance is sold to the end user.

The warranty only covers defects in material or workmanship.

The repairs under warranty may only be carried out by an authorized service centre. When making a claim under the warranty, the original bill of purchase (with purchase date) must be submitted.

The warranty will not apply in cases of:

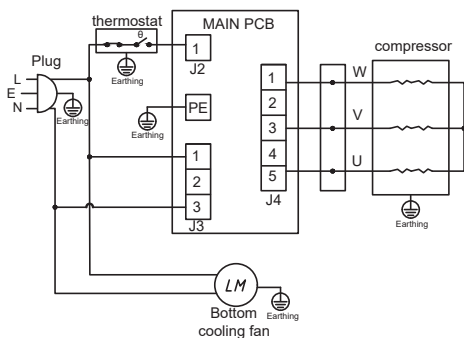
- Normal wear and tear
- Incorrect use, e.g. overloading of the appliance, use of non-approved accessories
- Use of force, damage caused by external influences
- Damage caused by non-observance of the user manual, e.g. connection to an unsuitable mains supply or non-compliance with the installation instructions
- Partially or completely dismantled appliances

Technical Parameter:

Model	BUS-280MI
Climate Type	T
Electrical Shock Protect Mode	I
Rated Voltage (V)	220-240~
Rated Frequency (Hz)	50-60
Rated Current (A)	5.0
Freezing Capacity (kg/24h)	20
Refrigerant	R290
Refrigerant weight (g)	140
Energy Consumption (kWh/24h)	0.95
Vesicant	Cyclopentane
Noise dB(A)	45
Net Weight (kg)	54
Product Dimension (W×D×H)mm	595*580*1710

Notice: The technique indexes in the form are tested under standard situation. If there's any alteration, please refer to nameplate of the refrigerator: Forgive us giving no other notice.

Circuit diagram:



Correct Disposal of this product



To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. 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.

Environment Friendly Disposal



*You can help protect the environment!
Please remember to respect the local regulations:
hand in the non-working electrical equipments to
an appropriate waste disposal center*

BRÜHM® products are intended for household use only

BRÜHM® has policy of continuous improvement in product quality and design. The company, therefore reserves the right to change the specification of its model at any time.