Commercial Refrigerated Condiment Prep Station

Original Instructions

Model **KFD-PS-1200/380** **KFD-PS-1500/380** **KFD-PS-1800/380**



KFD-PG-1200/380 **KFD-PG-1500/380** **KFD-PG-1800/380**



Important: For your safety, please read this manual carefully before installing or using this product.

Table of Contents

Safety Tips----------2
Product Description----------5
Introduction----------6
Pack Contents----------6
Installation----------6
Fit Glass Panels----------7
Operation----------9
Storing Food ----------9
Turn On ----------9
Temperature setting and control ----------9
How to see the set point ----------9
How to change the set point ----------9
Manual Defrost---------- 9
Cleaning, Care & Maintenance ----------9
Routine Maintenance ----------10
Special Maintenance ----------10
Troubleshooting ----------10
Disposal ----------11
Warranty ----------12
Compliance----------12

Safety Tips

Position on a flat, stable surface.
A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components or service panels on this product.
Consult Local and National Standards to comply with the following:

- Health and Safety at Work Legislation
- Fire Precautions
- IEE Wiring Regulations
- Building Regulations
- The appliance is intended for normal household use or similar use (etc. to be used by a layman in shops).
- DO NOT use the appliance outside.
- DO NOT attempt to service the item yourself.
- DO NOT use damaged appliances. If you are in any doubt, consult service agent.
- The unit must be installed and located in accordance with the manufacturer's installation instructions.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.
- Repairs and replacement work must be performed by a qualified and authorized service professional using only genuine replacement parts (Component parts shall be replaced with like components).
- Do not use an extension cord or an adapter plug. Because of the potential safety hazards under certain conditions, we strongly do not recommend any use of an extension cord or an adapter plug.
- DO NOT use electrical appliances inside the appliance (e.g. heaters, ice-cream makers etc.), unless they are of the type recommended by the manufacturer.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- 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 stand or support yourself on the base, drawers, or doors. Doing so may damage the refrigerator or cause serious injury.
- DO NOT allow oil or fat to come into contact with the plastic components or door seal. Clean immediately if contact occurs.
- DO NOT place combustion, explosive or volatile article, corrosive acid or alkali, or liquid into
the appliance.
- DO NOT use this appliance to store medical supplies.
- DO NOT use jet/pressure washers to clean the appliance.
- DO NOT allow children to play with the packaging, and destroy plastic bags safely.
- Bottles that contain a high percentage of alcohol must be sealed and placed vertically in the refrigerator.

- Always carry, store and handle the appliance in a vertical position and move by holding the base of the appliance.
- Always switch off and disconnect the power supply to the unit before cleaning.
- Keep all packaging away from children. Dispose of the packaging in accordance with the regulations of local authorities.
- 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.
- 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.
- To prevent suffocation and entrapment hazards to children, remove the doors and seals from the refrigerator before disposing of it or discontinuing its use.
- For indoor use only. Not suitable for installation in an area where a water jet could be used. Must not be cleaned by a water jet.
- To guarantee safe operation, ensure that the appliance is set up and connected as described in the instruction manual.
- Any repairs and work on the appliance should only be carried out by the customer service department.
- The key to the electrical cabinet should be kept out of the reach of children and users.
- To guarantee safe operation, ensure that the appliance is set up and connected as described in this instruction manual.
- Do not install the unit in a damp place where it could be splashed with water. Incorrect installation of electrical components may cause fire or electric shock.
- Do not plug several appliances into the same sockets. This could cause fire due to overheating.
- Keep the power plug away from the rear of the cabinet. A damaged power plug may cause fire due to overheating.
- Do not spray water directly to the interior or exterior of the appliance. There is a risk of fire or electric shock.
- Do not place any containers filled with water on top of the appliance. If the water spills onto any electrical parts, it may lead to fire or electric shock.
- Do not attempt to repair, disassemble or alter the appliance. It may cause fire or abnormal operations which may lead to injury.
- Unplug the refrigerator before making repairs, replacing a light bulb, or cleaning.
- Plug into a grounded 3-prong outlet. Do not remove the ground prong.

For Hydrocarbon Refrigeration Units

Warning

- The refrigerant tubing, condenser, and evaporator coils are prone to damage while handling, moving, installing, and cleaning the unit, which may lead to fire or even explosion.
- Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is located.
- This appliance contains a small amount of propane (R290) or iso-butane(R-600a) refrigerant, a natural gas with high environmental compatibility,but it is also combustible. When transporting and installing the appliance,ensure that no part of the refrigerating circuit is damaged.
- Never start up an appliance showing any signs of damage. When in doubt, contact a qualified service professional.
- In case of any hazardous activities such as fire or explosion, move the unit away from any source of ignition to a well ventilated area.
- Further service and repair must be done by a qualified technician who is familiar with the safety standards, and also has thorough understanding and knowledge of the flammable refrigerants.
- Any individuals handling these units must be equipped with proper personal protection and equipment and follow applicable safety measures and precautions to avoid risk of fire or explosion.

Product Description

Model	THV800 /330	THV1000 /330	THV1200 /330	THV1400 /330	THV1500 /330	THV1600 /330	THV1800 /330	THV2000 /330	THV2130 /330
Rated power input	135W	135W	139W	135W	150W	150W	180W	180W	180W
Rated current	2A	2A	2A	2A	2.23A	2.23A	2.38A	2.38A	2.38A
Refrigerant	R290	R290	R290	R290	R290	R290	R290	R290	R290
Amount of refrigerant	0.88oz	0.88oz	0.88oz	0.88oz	0.95oz	0.95oz	1.13oz	1.13oz	1.13oz
Climatic classification	4 (50℉–86.4℉)								
Rated frequency	60Hz								
Rated voltage	115V								
Temperature	35.6℉–46.4℉								
Foaming agent	CP/IP								
Dimension (W×D×H) (inches)	31.5x 13.19x 17.13	39.37x 13.19x 17.13	47.24x 13.19x 17.13	55.12x 13.19x17 .13	59.06x 13.19x 17.13	62.99x 13.19x 17.13	70.87x 13.19x 17.13	78.74x 13.19x 17.13	83.86x 13.19x 17.13
Model	THV800 /380	THV1000 /380	THV1200 /380	THV1400 /380	THV1500 /380	THV1600 /380	THV1800 /380	THV2000 /380	THV2130 /380
Rated power input	135W	135W	135W	135W	150W	150W	180W	180W	180W
Rated current	2A	2A	2A	2A	2.23A	2.23A	2.38A	2.38A	2.38A
Refrigerant	R290	R290	R290	R290	R290	R290	R290	R290	R290
Amount of refrigerant	0.88oz	0.88oz	0.88oz	0.88oz	0.95oz	0.95oz	1.13oz	1.13oz	1.13oz
Climatic classification	4 (50℉–86.4℉)								
Rated frequency	60Hz								
Rated voltage	115V								
Temperature	35.6℉–46.4℉								
Foaming agent	CP/IP								
Dimension (W×D×H) (inches)	31.5x 15.55x 17.13	39.37x 15.55x 17.13	47.24x 15.55x 17.13	55.12x 15.55x 17.13	59.06x 15.55x 17.13	62.99x 15.55x 17.13	70.87x 15.55x 17.13	78.74x 15.55x 17.13	83.86x 15.55x 17.13

Note: Product specifications are subject to change without prior notice. Please refer to the nameplate for the latest information.

Introduction

For your safety read the manual carefully before assembling or using this product. Save this manual for future reference.
Please take a few moments to carefully read through this manual. Correct maintenance and operation of this machine will provide the best possible performance from your product.

Pack Contents

One carton box:

- Horizontal showcase x1
- Instruction manual x1
- GN container adaptor bar optional

One wooden box:

- Brackets x 7
- Attaching clamp x 7
- knurled screws x 14
- Top glass panel x 1
- Rear glass panel x1
- Side glass panels x 2
- Adjustable feet x4

We pride ourselves on quality and service, ensuring that at the time of packaging the contents are supplied in full working condition and free from damage. Should you find any damage as a result of transit, please contact your dealer immediately.

Installation

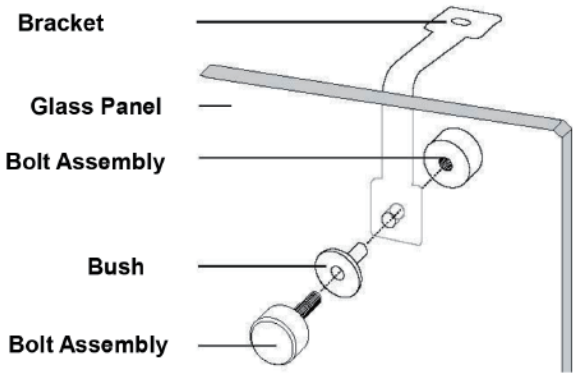
1.Remove the appliance from the packaging. Make sure that all protective plastic film and coatings are thoroughly removed from all surfaces. To prevent injury or damage to the unit, the appliance should be unpacked and set up by two people.
2.Maintain a distance of 20cm (7 inches) between the unit and walls or other objects for ventilation. Increase this distance if the obstacle is a heat sources.
3.Level the appliance by adjusting the screw feet. It should be placed on the level solid floor or base to reduce the vibration and noise.
4.The temperature in the place where the showcase is located must be between 50 and 89.6°F(Climatic Class 4). Avoid locating it in direct sunlight or near heat source such as an oven or a radiator.
5.Please make sure the appliance is properly ventilated.
6.Power supply and voltage at the operating point used comply with the details on the rating label. The plug must be accessible after installation.

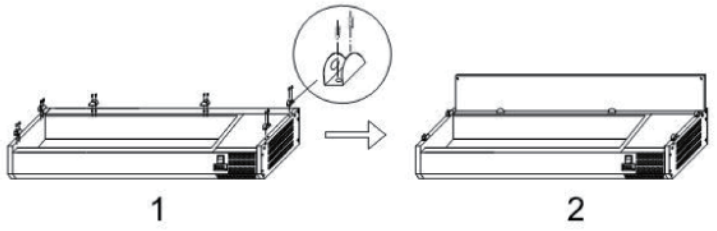
7.Correctly connect and disconnect the plug. When inserting the plug, it must be plugged tightly when pulling out the plug, the plug should be held by hand. Never pull the supply cord directly.
8.If the showcase is to be shut down for long period, switch it off and disconnect the plug from socket outlet. Clean the appliance and leave the lid open to prevent odor.
9.Important! For your personal safety, this appliance must be properly grounded.
This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be inserted into an outlet that is properly grounded and installed. Consult a qualified electrician or service center if you do not completely understand the grounding instructions. If doubt exists as to whether the appliance is properly grounded, have a qualified electrician check the circuit to make sure the outlet is properly grounded.
10.If the cable does not reach the nearest socket, either rearrange your store layout or ask a qualified electrician to install a new outlet.
11.If power is cut off, wait for at least 3 minutes before restarting the unit to avoid damaging the compressor.

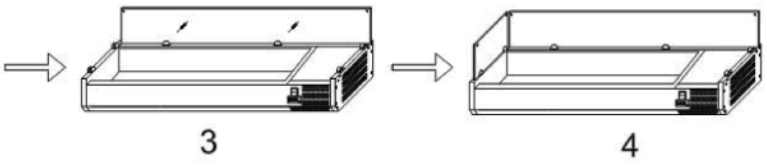
Fit Glass Panels

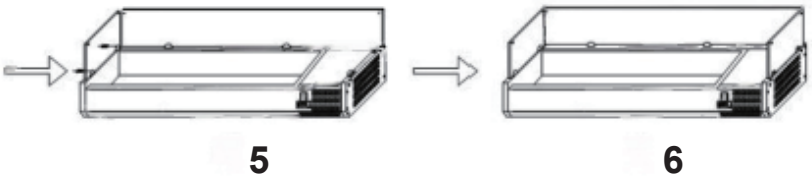
WARNING: RISK OF GLASS BREAKAGE.
Note: Ensure the hole in the collar for the grub screw facesinwards
Note: Ensure the screw hole furthest from the edge of the panel goes to the back of the appliance.
Note: Ensure the soft end of the grub screw is the end making contact with the glass
Note: Ensure the short end of the bolt assembly is on the outside of the panels.
Note: The glass panel must not be used as shelf.
1. Unpack the wooden/carton box carefully; it's recommended to do this work with two people.
2. Screw the collars to the rim of the appliance.
3. Slot the two side panels into the collars, with the holes in the glass top.
4. Screw a grub screw into each collar to secure the panels.
5. Slot the rear panel into the collars, with the holes in the glass at top.
6. Screw a grub screw into each collar to secure the panel.
7. Slot the plastic bushes into each of the holes.
8. Screw the brackets to the inside of each panel using the bolt assemblies.
9. Place the top panel onto the brackets, ensuring all holes line up.
10. Insert the bush and attach the top panel to the brackets with the bolt assemblies

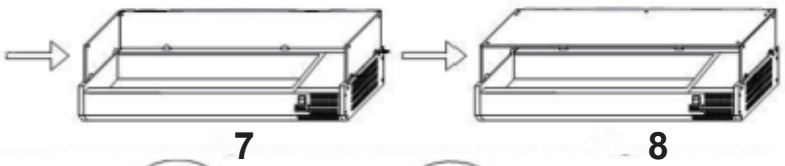
GLASS PANEL ASSEMBLY GUIDE

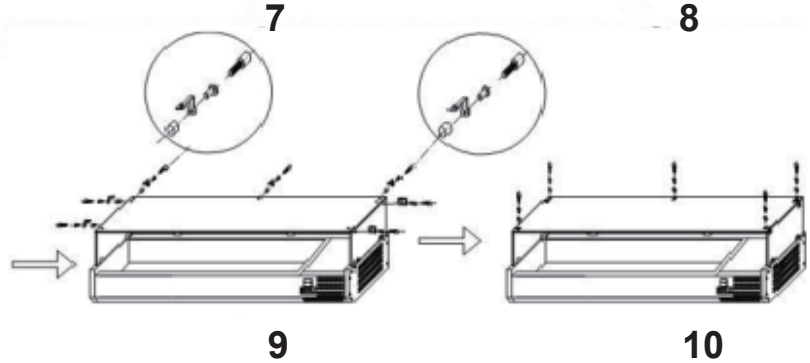












Operation Storing Food

To get the best results from your appliance, follow these instructions:
Only store foodstuffs in the appliance when it has reached the correct operating temperature. Ensure GN container bays are full at all times, even if the GN containers are unused or empty Empty bays will greatly reduce efficiency ofthe appliance.

How to see the set point

1.Push and immediately release the SET key , the set point will be showed;
2.Push and immediately release the SET key or wait ablut 5s to return normal visuallsation.

How to change the set point

1. Push the SET key for more than 2 seconds to change the set point value;
2. The value of the set point will be displayed and the . F.starts blinking
3. To change the set value push the UP or DOWN arrows within 10s.

Cleaning, Care & Maintenance Routine Maintenance

Switch off and disconnect from the power supply before cleaning.
Clean the enclosure and interior of the appliance as often as possitple
Vash the unit with moist cloth. Never allow the switch, control panel, cable or plug to get wet.
Do not use abrasive cleaning agents. These can leave harmful residues. Use only mild soapy water.
Ensure that no cleaning water penetrates into the electrical components.
Must not be cleaned by a water jet.
Always wipe dry after cleaning with soft cloth
Take carewhen cleaning the rear of the appliance.
An agent or qualified technician must carry out repairs if required.
If the appliance is to be left inactive for long periods, unplug the appliafter having turned the switch to OFF position, empty the refrigerating compartment and clean thoroughly.

Special Maintenance

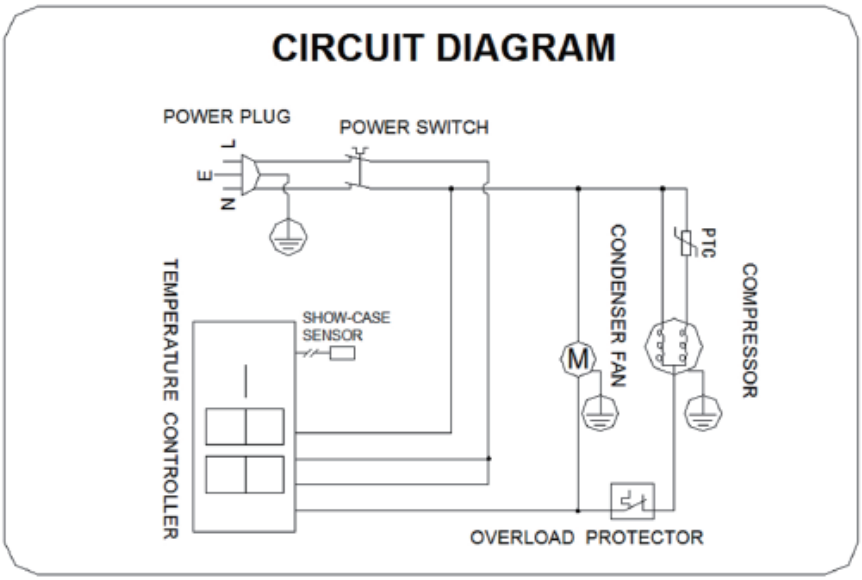
The instructions given in the following paragraph are for SKILLED PERSONNEL
Periodic Operations Periodically clean the condenser using suitable tools (vacuumcleaner or soft brushes)
Check that the electrical connections are not loose.
Check that the thermostat and the sensor are in proper working order.
Recommend that an agent or qualified technician clean the condenser.

Troubleshooting

If your appliance develops a fault, please check the following tabble.

Fault	Probable Cause	Action
The appliance is not working	The unit is not switched on	Check the unit is plugged in correctly and switched
	Plug and lead are damaged	Call your agent or qualified technician
	Fuse in the plug has blown	Replace the fuse (GB)
	Power supply	Check power supply
	Internal wiring fault	Call your 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	Call your agent or qualified technician
	Appliance is located near a heat source or air flow to the condenser is being interrupted	Move the refrigerator to a more suitable location
	Ambient temperature is too high	Increase ventilation or move appliance to a cooler
	Unsuitable foodstuffs are being stored in the appliance	Remove any excessive hot foodstuffs or blockages to the fan
	Appliance is overloaded	Reduce the amount of food stored in the
The appliance is unusually loud	Loose nut/screw	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

Circuit diagram



Disposal

The packaging is designed to protect the appliance and individual components during transport and is made of recyclable materials.
Please return the packing material to the nearest official collection point so that the various materials can be recycled or reused as far as possible and so as to avoid throwing them away.
Old appliance still contains reusable material and should not bee disposed of with household or bulk refuse.
Be sure to make any locks unusable. If possible remove any door(s)and discard separately.
Remove the spring-action or bolt catch from the appliance or render it uunusable so that children can not become trapped inside.
Please note the refrigeration system contains gases and refrigerants which require special waste disposal. Ensure that the refrigerant circuit is not damaged prior to disposal.
You can contribute to environmental awareness by insisting on an appropriate non-polluting method of disposal.
Information concerning the refrigerant and insulation materials used can be found on the rating label.
Information on collection dates or collection points can be obtained from the waste disposal authorities or local council.

The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead, it should be handed over to the appropriate recovery point for the recovery of electrical and electronic equipment. By ensuring this product ed of correctly you will help prevent potential negative consequences for the environment and human health,which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office,your household waste disposal service or the shop where you purchased the product.

Warranty

The appliance and the components we produce are guaranteed for 1 year from the date of consignment and any part or parts thereof, which are shown tothe company's satisfaction to be defective, will be replaced free of charge.
Any such faults shall not, however, be considered if due to incorrect use of the product resulting from the instructions given in this handbook not having been followed.
Charges for labor, travel and carriage are not covered by the warranty.
Material replaced under

Compliance

Parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.
ALL THE RESPONSIBILITY FOR THE FAILURE TO RESPECT THE EXISTING LEGAL STATUTES ARE THE RESPONSIBILITY OF THE OWNER.
ALL TYPES AND MODELS ARE SUBJECT TO CONTINUOUS IMPROVEMENT AND MANUFACTURER THEREFORE RESERVES THE RIGHT TO MAKE MODIFICATIONS TO THE SHAPE, EQUIPMENT AND TECHNOLOGY.