Excellence Industries

Profit from the Power of Partnership.

TKO-21
TKO-24
TKO-41
TKO-42
TKO-62
TKOF-21
TKOF-42
TKOF-62

USER MANUAL

Please read the instructions carefully before using this refrigerator or freezer

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Please see below the meaning of the symbols used throughout the manual, for your better understanding.

WARNING

INFORMATION

CAUTION

FIRST AID

1. Foreword

Thank you for purchasing this new refrigerator or freezer.
Before using this unit please read the instructions below carefully. A well-maintained unit will help you increase your sales and profits.

The refrigerators have been designed for beverages in bottles or cans.
The freezers have been designed for packaged frozen foods.

2. Technical description

2.1 General

The merchandiser must be connected to a grounded mains outlet with a minimum fuse rating of 20A.

The outlet must be easily accessible for the purposes of installation and servicing. During installation, other authorities may impose additional requirements in respect of lighting, alarm equipment and similar.

2.2 Climate classification

According to climate specifications, this unit is tested for “ST” condition, namely ambient temperature of 100°F and 65% humidity.
Limited outdoor use is allowed only under suitable roof / shade. Not to be placed under direct sunlight. The floor must be flat, not inclined, for stability reasons.

2.3Technical specifications

Model	TKO-21	TKO-24	TKO-41	TKO-42	TKO-62	TKOF-21	TKOF-42	TKOF-62
Rating Voltage	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz
NET Volume	20 cf	22 cf	41 cf	41 cf	55 cf	17 cf	38 cf	55 cf
Thermostat	32-45°F	32-45°F	32-45°F	32-45°F	32-45°F	-13~- 0.4°F	-13~- 0.4°F	-13~- 0.4°F
Defrosting	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Capacity	576 cans (12 oz)	648 cans (12 oz)	1296 cans (12 oz)	1296 cans (12 oz)	1800 cans (12 oz)	/	/	/
Ambient Temp	100°F,ST condition	100°F,ST condition	100°F,ST condition	100°F,ST condition	100°F,ST condition	77°F,N condition	77°F,N condition	77°F,N condition
Rated Power	275 W	290 W	395 W	355 W	620 W	736W	1340W	1730W
Current	2.5 A	2.5 A	3.5 A	3.4 A	5.5 A	6.8A	12.5A	15.9A
Refrigerant	R290, 2.8 oz	R290, 2.8 oz	R290, 4.2 oz	R290, 4.2 oz	R290, 2.8 oz*2	R290, 2.47 oz	R290, 2.65 oz*2	R290, 2.8oz*2

Do not place cream spray bottles inside the cooler or freezer.

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

2.4 Physical dimensions

Model	Width	Depth[1]	Height[2]	Weight
TKO-21	27 in	32 in	78.7 in	220.5 lb
TKO-24	30 in	32 in	78.7 in	231.5 lb
TKO-41	54 in	31.7 in	78.7 in	350.5 lb
TKO-42	54 in	32 in	78.7 in	359.4 lb
TKO-62	78 in	32 in	78.7 in	526.9 lb
TKOF-21	27 in	32.8 in	78.7 in	271.2 lb
TKOF-42	54 in	32.8 in	78.7 in	485 lb
TKOF-62	78 in	32.8 in	78.7 in	652.6 lb

[1] Including handle [2] Including caster wheels

2.5Maximum weight per shelf

Model	Max Weight / Shelf	No. of cans (12 oz) / Shelf
TKO-21 TKO-62 side shelf TKOF-21 TKOF-42 TKOF-62	~110 lb/sh	128 cans
TKO-24 TKO- 41 TKO-42 TKO-62 middle shelf	~110 lb /sh	144 cans

2.6Noise level:

Model	Noise level (dBA)
All model	<65.00

3. Installation

Carefully examine the cabinet for shipping damage before discarding the packing material. If any damage is found, contact the delivery carrier immediately and have his agent prepare an inspection report for the purpose of registering a claim.

THIS IS YOUR RESPONSIBILITY.

Allow the refrigerator to stand upright for at least 1 hour prior to connection to the mains supply. This gives the oil time to run back to the compressor after transit and installation.

Flammable refrigerant used ! When handing, moving and use of the cabinet, make sure to avoid either damaging

Risk of child entrapment. Before you throw away your old refrigerator or freezer:
Take off door.
Leave the shelves in place so that children may not easily climb inside

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. Young children should be supervised to ensure that they do not play with the appliance.

3.1 Installation instructions

Improper leveling might result in cabin deformation affecting cooler performance.

a. Always ensure that your cabinet is installed on level floor / counter. For some models there are 2 adjustable feet at the front under the chassis. Please adjust until the unit levels. Check using a a level, if available.

The unit should not be placed near any kind of heat source.

The unit should not be placed under direct sunlight.

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

Do not use electrical appliances inside the food storage compartments of the appliance, unless recommended by the manufacturer.

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

The instructions for appliances which use flammable insulation blowing gases shall include information regarding the disposal of the appliance.

To reduce the possibility of fire, this appliance must be installed only by a suitably qualified person.

Failure to comply with the instructions may result in high energy consumption and poor performance of the unit.

b . Mains connection: If the mains cord supplied is not long enough, do not use an extension lead. Ask a technician to install a socket near the refrigerator.

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

c . The appliance must stand upright for at least 1 hour after transportation and prior to start up.

d . Ensure that there is a spacer to maintain a distance between the back side of the unit and the wall, and that nothingis placed on top of the cabinet.

Do not use electrical appliances inside the unit.

e . Allow a minimum gap of 4 in at the rear and 2 in at the sides of the cabinet. Assemble the spacer supplied with the appliance to adjust the correct distance from the rear walls. Do not place anything on top of the unit.

3.2 Connection to the mains supply

Connect the appliance to a 115 Volts, 60Hz power supply on a min 20A fused & grounded socket. If the power cord is not long enough, ask an authorized electrician to replace it with a longer one, or to install a socket near the unit.Do not used extension cord.

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

4. Maintenance

PRIOR TO ANY CLEANING OR MAINTENANCE PROCEDURE, UNPLUG THE APPLIANCE !

DO NOT DAMAGE THE REFRIGERANT CIRCUIT.

The component parts shall be replaced with like components and that servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

4.1Preventive maintenance

- Clean the condenser once or twice yearly using a vacuum cleaner.
- Use mildly soapy water to clean the interior of the unit. Use a window-cleaning agent to clean the glass surface. Use gloves when you clean the glass.
- Pay the appropriate attention during the transportation of the cooler so that you do not damage the LED/lamp, the front grille or the glass door.

Do not use alcohol/acid based cleaning agents.

4.2 Cleaning

Tend the area of the cooler and keep it clean and dry.

It is important to clean the cabinet twice a year. In order to avoid mold formation, odors, etc. product compartments must also be thoroughly cleaned. The interior of the unit has to be cleaned with a mild soapy cloth.

Keep the cooler in a stable position during cleaning.

For your safety, during cleaning the unit should be unplugged from the wall socket. Do not remove the safety devices (grates, guards, earthlings, etc.). Keep the cabinet in a stable position during cleaning, do not step on or lean over the unit. If one or more of the bottles break while in the appliance and liquid spills inside the cabinet or the space surrounding the appliance gets wet, unplug the cooler before you clean the liquid around and inside the unit. Remember to take all necessary actions to protect yourselves from broken glass (use protective gloves when cleaning).

4.3 General user information

The thermostat is located on the inside of the cabinet. The thermostat is factory set to approx.32-45°F for the cooler or -13~- 0.4°F for the freezer . If you require a higher temperature (warmer), turn the thermostat knob anticlockwise. If you require a lower temperature (colder), turn the thermostat knob clockwise.

4.4 Operation

Energy saving tips:

For energy saving and for the appliance's better performance:

- Load your unit at night-time so that the product is cold once you get there in the morning.
- Store your refrigerated back-up stock in a cool and/or dark place so that when reloaded, they will need much less time to cool down.
- Wipe moisture off the products before you place

5. Service

If the appliance is not functioning properly or is out of order, please check the following before calling the authorized provider.

ALL ACCESS TO THE COOLING SYSTEM AND ELECTRICAL PARTS (CHANGING A LAMP OR REFRIGERATION DECK) MUST BE PERFORMED BY AUTHORIZED PERSONNEL ONLY

PRIOR TO ANY CLEANING OR MAINTENANCE PROCEDURE, UNPLUG THE APPLIANCE !

IN CASE THERE IS NOISE, YOU NEED TO UNPLUG THE unit AND CALL SERVICE !

Do not damage the refrigerating circuit during servicing

FAULT	POSSIBLE REASONS	HANDLING
The unit does not work	Power cord not plugged in	Plug it in
	No power coming through the socket	Check for fuse on the mains
The unit does not cool enough. The	The thermostat setting is not correct	Rotate the thermostat knob clockwise
	The refrigerator has recently	Perferably , reload the

products are warm.	been reloaded with warm products. It takes 8-16 hours to cool them down.	unit before night closing
	The unit is loaded in such a way that the air circulation in the interior is getting blocked	Load the cabinet according to the standards you have been provided with by the company
	The door does not seal properly	Repair the doors for proper closing (this type of repair should be performed by an authorised technician)
	Leakage in the cooling system	Repair the leakage (this type of repair should be performed by an authorized technician)
The cooler sometimes makes noise	For this particular appliance, a powerful mechanism is needed and consequently a certain amount of noise cannot be avoided	Refrigeration is of dynamic type, according to the specifications that the company is offering
	Intense metallic noise	Call a service technician
	Inclined or curved floor	Level the unit properly by adjusting its feet. Placing a spirit level on the top of the unit will assist you in leveling it
There is water on the floor	The drainage hole for the condensate water is blocked	Unblock the drainage hole
	There is a leakage in the tray	Call a service technician
The lights don't work	The LED or LED driver are out of work	Call a service technician
The supply cord is damaged		If the supply cord is damaged, it must be replaced by the manufacturer, its service provider or similarly qualified persons in order to avoid a hazard

If after all the above-mentioned checks the problem with your appliance remains, contact the customer service department of your supplier and provide the following information:

- Type of cabinet
- Serial number of the unit
- Brief description of the problem / observation

6. First Aid

The appliance uses green refrigerant (R290) which is flammable and explosive. Normally, there is only a small amount of refrigerant in the refrigerating circuit, and the risk of explosion is minimal even in case of leakage due to the explosion-proof design of electrical components inside. However, high exposure levels to R290 can cause loss of senses and asphyxia. Liquid drops can cause burns and eye irritation.

In case of accident, proceed to the following:

ACCIDENT	IMMEDIATE ACTION
Inhalation of refrigerant	Take deep breaths of clean air. If problems persist, oxygen supply of artificial respiration is recommended. The administration of epinephrine or similar drugs should be avoided.
Contact with eyes	Wash your eyes thoroughly with plenty of water for at least 15 minutes and then consult a doctor.
Contact with skin	Rinse immediately with water

7. Disposal of the unit

This symbol on the product, or in its packing, indicates that this product may not be treated as household waste. Instead, it should be taken to the appropriate waste collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by the inappropriate waste handling of this product. For more detail information about the recycling of this product, please contact your local council, your household waste disposal service, or the shop where you purchased the product.

8. Warranty

Excellence Commercial Products
Division of Stajac Industries 500
South Falkenburg Road
Tampa, FL 33619,U.S.A
Tel:813-870-0340
Standard Warranty
Applies Only Within the Continental United States

Stajac Industries Warrants to the User

FIRST YEAR – The cabinet and all of its parts shall be free of defects in the material and workmanship under normal use and service for a period of one year from the date of installation. Stajac Industries' sole obligation under this warranty shall be limited, at its option, to either repairing or replacing any part of the cabinet determined by Stajac to be defective.

ADDITIONAL FOUR YEARS – The cabinet shall be free of insulation failures and refrigerant leaks within the insulated area of the cabinet for a period of five years from the date of installation or six years from the date of manufacture, whichever occurs first. Stajac's sole obligation under this warranty shall be limited, at its option, to either repairing or replacing any part of the cabinet determined by Stajac not to be as warranted.

The Stajac Standard Warranty and Compressor Warranty do not Cover

LABOR COSTS – Stajac shall not be responsible for any labor costs including but not limited to labor costs required to analyze the condition of the cabinet or its parts or labor costs incurred in the repair or replacement of any portion of the cabinet or its parts.

TRANSPORTATION COSTS – Stajac shall not be responsible for parts or assemblies which, upon inspection, are determined by Stajac to have been subjected to misuse, neglect, alteration, accident, abuse, damage during transit or delivery, or by fire or flood.

CONSEQUENTIAL DAMAGES – IN NO EVENT SHALL STAJAC BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, FOOD SPOILAGE OR PRODUCT SPOILAGE CLAIMS, NOR FOR ANY DELAY IN THE PERFORMANCE OF THIS WARRANTY DUE TO CAUSES BEYOND ITS CONTROL.

General
The standard warranty and any service contract related to the STANDARD WARRANTY shall apply only to the products sold and used within the boundaries of the Continental United States.

Users may file warranty claims either directly with Stajac or with immediate seller from whom the cabinet was purchased. All claims must be supported by information concerning the alleged defect and specifically identified by the Serial Number of the cabinet.

THERE ARE NO OTHER WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, EXCEPT THIS WARRANTY, WHICH IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING, TO THE EXTENT PERMITTED BY LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

FOUR-YEAR WARRANTY CONTRACT (OPTIONAL AT ADDITIONAL COSTS)

In addition to the Stajac Standard Warranty and in accord with the purchase of the optional Four-Year Compressor Contract, Stajac agrees to replace the compressor with a compressor of like or similar design and capacity if it is determined by Stajac that the compressor is inoperative due to defects in factory workmanship or material under normal use and service.

Stajac's obligation under the Four-Year Compressor Warranty Contract shall be limited to a period not to exceed five years from the date of installation. The Four-Year Compressor Warranty does not apply to any part of the cabinet or its finish, nor does it apply to the control relay fan or any electrical component.

Further terms of the contract cannot be considered valid if the compressor has been subjected to an accident, alteration, abuse, misuse, or damaged by flood, fire, or acts of God. The Standard Warranty and the Four-Year Compressor Warranty Contract shall place no liability on Stajac for any labor or labor costs in replacing the compressor, heat exchanger, drier, or replaceable parts of the cabinet. Stajac shall only be obligated to furnish the replacement compressor.

Do Not Drill Holes in Cabinet

Refrigeration tubing and wiring is routed through the cabinet walls. Leaks, wet insulation, or electrical problems caused by drilled holes are not covered by warranty.