



Commercial Chest Freezer User Manual

177CF5, 177CF7, 177CF10HC, 177CF13HC, 177CF16HC,
177CF20HC, 177CF25HC, 177CF30HC

03/2025

*Read the manual thoroughly prior to equipment
setup, operation, and maintenance.*

Warnings

DANGER – RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. TO BE REPAIRED ONLY BY TRAINED SERVICE PERSONNEL. DO NOT PUNCTURE REFRIGERANT TUBING.

PELIGRO – RIESGO DE INCENDIO O EXPLOSION. REFRIGERANTE INFLAMABLE UTILIZADO. PARA SER REPARADO SOLAMENTE POR PERSONAL DE SERVICIO CALIFICADO. NO PINCHAR LA TUBERÍA REFRIGERANTE.

DANGER – RISQUE DE FEU OU D'EXPLOSION. LE FRIGORIGÈNE EST INFLAMMABLE. CONFIER LES RÉPARATIONS À UN TECHNICIEN SPÉCIALISÉ. NE PAS PERFORER LA TUBULURE CONTENANT LE FRIGORIGÈNE.

CAUTION – RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. CONSULT REPAIR MANUAL/OWNER'S GUIDE BEFORE ATTEMPTING TO SERVICE THIS PRODUCT. ALL SAFETY PRECAUTIONS MUST BE FOLLOWED.

ATENCION – RIESGO DE INCENDIO O EXPLOSIÓN. REFRIGERANTE INFLAMABLE UTILIZADO. CONSULTE EL MANUAL DE REPARACIÓN / GUÍA DEL PROPIETARIO ANTES DE INTENTAR DAR SERVICIO A ESTE PRODUCTO. DEBEN CUMPLIR CON TODAS LAS PRECAUCIONES DE SEGURIDAD.

ATTENTION – RISQUE DE FEU OU D'EXPLOSION. LE FRIGORIGÈNE EST INFLAMMABLE. CONSULTER LE MANUEL DU PROPRIÉTAIRE/GUIDE DE RÉPARATION AVANT DE TENTER UNE RÉPARATION. TOUTES LES MESURES DE SÉCURITÉ DOIVENT ÊTRE RESPECTÉES.

CAUTION – RISK OF FIRE OR EXPLOSION DUE TO PUNCTURE OF REFRIGERANT TUBING; FOLLOW HANDLING INSTRUCTIONS CAREFULLY. FLAMMABLE REFRIGERANT USED.

ATENCION – RIESGO DE INCENDIO O EXPLOSIÓN DEBIDO A LA PERFORACION DE LA TUBERÍA REFRIGERANTE; SIGA LAS INSTRUCCIONES DE MANIPULACIÓN CON CUIDADO. REFRIGERANTE INFLAMABLE UTILIZADO.

ATTENTION – RISQUE DE FEU OU D'EXPLOSION SI LA TUBULURE CONTENANT LE FRIGORIGÈNE EST PERFORÉE; SUIVRE LES INSTRUCTIONS DE MANUTENTION AVEC SOIN. LE FRIGORIGÈNE EST INFLAMMABLE.

CAUTION – RISK OF FIRE OR EXPLOSION DUE TO FLAMMABLE REFRIGERANT USED. FOLLOW HANDLING INSTRUCTIONS CAREFULLY IN COMPLIANCE WITH LOCAL GOVERNMENT REGULATIONS.

ATENCION – RIESGO DE INCENDIO O EXPLOSIÓN DEBIDO A REFRIGERANTE INFLAMABLE UTILIZADO. SIGA LAS INSTRUCCIONES DE MANIPULACIÓN CON CUIDADO CONFORME A LAS REGLAS DE LA MUNICIPALIDAD.

ATTENTION – RISQUE DE FEU OU D'EXPLOSION SI LE FRIGORIGÈNE EST INFLAMMABLE. SUIVRE LES INSTRUCTIONS DE MANUTENTION AVEC SOIN CONFORMÉMENT AUX RÈGLEMENTATION GOUVERNEMENTALE LOCAUX.

Installation

Important! Please Read Before Installation:

- This unit is intended for use in a temperature-controlled environment less than 75°F and 60% relative humidity.
- If the unit has recently been transported on its side, please let the unit stand upright for a minimum of 24 hours before plugging it in.
- Make sure the unit has reached the desired temperature before loading the unit with products.
- Make sure all accessories are installed (shelves, shelf clips, etc.) before plugging in the unit.
- Do not attempt to remove or repair any component of the unit. Consult an authorized service technician for servicing/repair.
- Do not hang on doors or stand inside the unit.
- Do not store flammable, explosive, or corrosive liquids or gas in or near the cooler.
- Please read through this manual in its entirety.

Cabinet Location Guidelines

- **Install the unit on strong and leveled surface.**
 - Level the unit by adjusting the screws located on the bottom of the unit.
 - Unit may be noisy if surface is uneven.
 - Unit may malfunction if surface is uneven.
- **Install the unit in an indoor, well-ventilated area.**
 - Unit performs more efficiently in a well-ventilated area.
 - For best performance, please maintain clearance of 4" on the back of the unit.
 - Outdoor use may cause decreased efficiency and damage to the unit.
- **Avoid installation in a high humidity and/or dusty area.**
 - Humidity above 60% can cause the unit to rust, to collect condensation, and may decrease efficiency.
 - Dust collected on condenser coil will cause unit to malfunction.
- **Select a location away from heat and moisture-generating equipment.**
 - Ambient temperatures above 75°F may cause the compressor to malfunction.
 - For optimal performance, this unit should not be used in environments with ambient temperatures exceeding 75°F.
 - The unit should not be placed in areas with an ambient temperature over 90°F.
 - Equipment malfunctions due to ambient temperatures above 90°F could void the warranty.
 - Do not install this unit inside a closet or alcove.

Electrical

- Please ensure that the required voltage of the compressor is being supplied at all times. Low or high voltage can detrimentally affect the refrigeration unit.
- All units should be plugged into a grounded and properly sized electrical outlet with appropriate overcurrent protection. Please refer to the electrical requirements on the nameplate.
- Please make sure that your unit has its own dedicated outlet.
- Do not use an extension cord.
- To avoid shock and fire hazards, do not plug in or unplug the unit with wet hands.

Temperature Control

The recommended setting for the freezer is at position “4”. If fast freezing is needed for products, set at position “7”. Turn knob to its original position when the articles are frozen. Do not fast freeze for more than 4-5 hours. To decrease the temperature (colder), turn towards position “7”. To increase the temperature (warmer), turn towards position “1”.

CAUTION

Setting the temperature control to the coldest setting may cause the evaporator coil to freeze and ice up. This will eventually result in a warmer cabinet temperature.

Defrost System

If the frost on the interior walls is more than 1/4", defrosting should be done.

Method of defrosting:

1. Unplug the unit. Remove all contents of the freezer. After the freezer temperature rises, frost will melt or scale off.
2. To speed up defrosting, place a pan of hot water into the unit and close the door. After defrosting, drain the water and then use a soft cloth to dry the interior walls.
3. Plug unit in and resume operation. Wait until unit reaches desired temperature before returning product to the freezer.

Note: Never use sharp utensils or ice scrapers to scrape off frost.

Regular Maintenance

Care and Cleaning

The freezer should be cleaned periodically. Generally, it should be cleaned every 30-45 days. Unplug before cleaning, and use a soft cloth with a solution of warm water and mild soap to scrub inside and outside of the cabinet. Do not use acids, chemical thinner, gasoline, or benzene for cleaning any part of the chest freezer. Dry it with a soft cloth. Never use water to rinse the freezer.

Safety/Warning

Pay close attention to the safety notices in this section. Disregarding these notices may lead to serious injury and/or damage to the unit.

Attention

- To minimize shock and fire hazards, be sure not to overload outlet. Designate one outlet for your unit.
- Do not use extension cords.
- Do not put your hands under the unit while it is being moved.
- When the unit is not in use for a long period of time, unplug the unit from the outlet.
- After unplugging the unit, wait at least 10 minutes before plugging it back in. Failure to do so could cause damage to the compressor.

Unplug Cord

- To minimize shock and fire hazards, do not plug or unplug the cord with wet hands.
- During maintenance and cleaning, unplug the unit.

Proper Grounding Required

- To minimize shock and fire hazards, make sure that the unit is properly grounded.

Warning

- Do not attempt to remove or repair any component unless instructed by factory.
- Make sure that the unit is not resting on or against the electrical cord and plug.
- To minimize personal injury, do not hang on the door.
- Do not store any flammable and explosive gas or liquids inside the unit.
- Do not attempt to alter or tamper with the electrical cord.

Troubleshooting

Compressor Not Running

Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
Power cord unplugged.	Plug in power cord.
Thermostat set too warm.	Set thermostat to a higher setting.

Condensing Units Run For Long Periods of Time

Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
Prolonged door opening or door ajar.	Ensure door is closed when not in use. Avoid opening door for long periods of time.

Cabinet Temperature is Too Warm

Thermostat set too warm.	Set thermostat to higher setting.
Airflow blocked.	Rearrange product to allow for proper airflow. Make sure there is at least 4" of clearance from evaporator.
Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.

Unit is Noisy

Loud noise is heard.	Be sure there is enough space between chest freezer and the wall. Make sure unit is installed on a level surface.
Sounds like water running.	No attention required. It is the sound of refrigerant (liquid for cooling the freezer).

Condensation

Condensation is on the exterior walls of the unit.	Condensation may build up on the cabinet or the door when the relative humidity is above 60%.
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