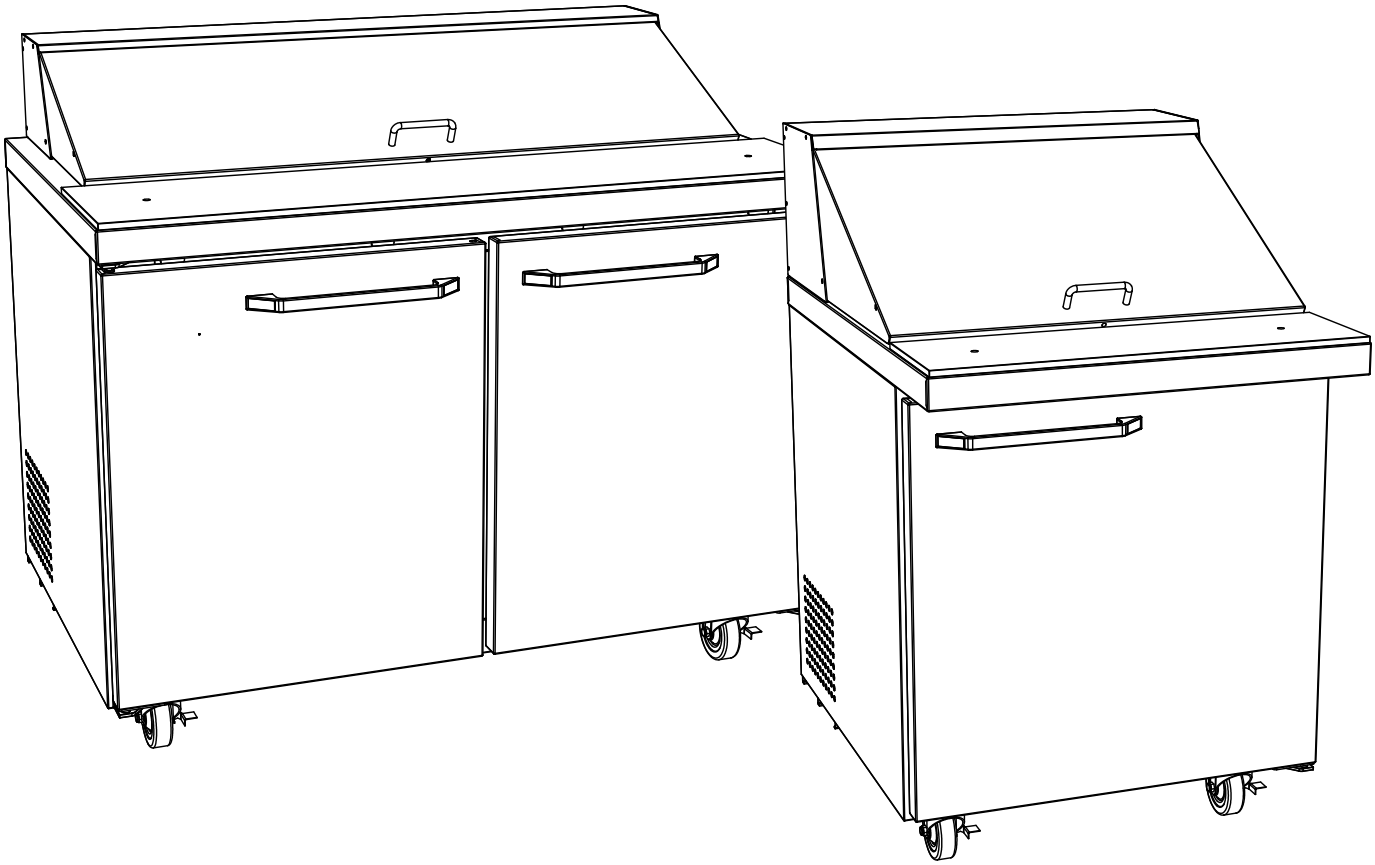
MAINSTREET EQUIPMENT

USER MANUAL



REFRIGERATED

PREP TABLES

MODELS: 829PT27, 829PT48, 829PT60, 829PT72,
829PT27M, 829PT48M, 829PT60M, 829PT72M

07/2025

MAINSTREET EQUIPMENT

USER MANUAL

INDEX

CRITICAL INFORMATION

- **Use All Pans:** These units are designed to work optimally when all pans are in place. Please fill in any gaps with empty pans. Leaving gaps between pans will affect the functionality of the prep table and its ability to keep product chilled.
- **Shelf Lip:** Confirm that the raised lip on the shelves is pointing up and at the back of the refrigerator. The raised lip stops product from blocking the airflow which can affect functionality.
- **Cooling Delay on Startup:** On startup, there is a 2-minute delay prior to when cooling begins. This delay is normal and is designed to protect the refrigeration system. Any power interruption will automatically trigger this delay.
- **Rear Ventilation Standoff Installation:** If a standoff comes in the box, it is required to be attached before installing the unit. The rear ventilation standoff plays a critical role in ensuring the unit has good ventilation and impacts the unit's ability to cool.
- **Unplug and Wait:** After unplugging the unit, wait at least 10 minutes before plugging it back in. Failure to wait could damage the compressor.
- **Transport Recovery:** If the unit has recently been transported on its side, let it stand upright for a minimum of 24 hours before plugging it in.

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Intertek
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ETL SANITATION LISTED
Intertek
5031667

NEMA
5-15P

Conforms to UL Std. 471
Conforms to NSF/ANSI Std. 7

HAZARD STATEMENTS

Key Safety Warnings

Symbols

WARNING: To prevent personal injury.

WARNING: Risk of fire / flammable materials.

USER SAFETY

WARNING – Child Supervision

- Unsupervised children may misuse the appliance, leading to potential injury or damage.
- Children should be supervised to ensure that they do not play with the appliance.
- Avoid allowing children to operate or play with the appliance without proper supervision.
- Injury to children or damage to the appliance may result.

WARNING – Restricted Use

- Improper use by individuals with limited capabilities may result in injury or accidents.
- 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.
- Avoid unsupervised use by individuals without adequate instruction or capability.
- Improper operation, personal injury, or equipment damage may result.

STORAGE SAFETY

WARNING – Hazardous Materials

- Storing explosive or flammable substances in the appliance creates significant risks.
- Do not store explosive substances, such as aerosol cans with a flammable propellant, in this appliance.
- Avoid placing any aerosol products or other flammable materials inside the appliance.
- Fire, explosion, or property damage may result.

INSTALLATION REQUIREMENTS

WARNING – Installation Standards

- Improper installation can compromise safety systems and create hazards.
- The appliance is to be installed in accordance with the Safety Standard for Refrigeration Systems, ANSI/ASHRAE 15.
- Avoid installation that does not comply with applicable safety standards and codes.
- Safety compromises, code violations, or improper operation may result.

WARNING – Installation Location

- Incorrect placement can create access issues or compromise evacuation routes.
- The appliance shall not be installed in public corridors or lobbies.
- Avoid installing the appliance in areas that may block emergency exits or public pathways.
- Code violations or increased risk during emergency situations may result.

WARNING – Water Connections

- Improper water connections may lead to contamination or system failures.
- Water pipe connections and fixtures directly connected to a potable water supply shall be sized, installed, and maintained in accordance with federal, state, and local codes.
- Avoid non-compliant plumbing connections or improper sizing of water supply components.
- Water contamination, system failure, or code violations may result.

VENTILATION REQUIREMENTS

WARNING – Ventilation Obstructions

- Blocked ventilation can cause overheating and increase fire risks.
- Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- Avoid placing the appliance in areas with limited airflow or blocked vents.
- Overheating, reduced efficiency, or fire hazards may result.

REFRIGERANT SAFETY

WARNING – Protect Refrigerant Tubing

- Damage to refrigerant tubing can release flammable refrigerant and create leak hazards.
- Avoid damaging the refrigerant tubing when handling, moving, and using the refrigerator or freezer.
- Avoid rough handling, dropping, or impacts that could damage refrigerant lines. Refrigerant leaks and increased risk of fire or explosion may result.

WARNING – Authorized Service Only

- Incorrect parts or improper service can create ignition risks with flammable refrigerants.
- Component parts shall be replaced with like components and servicing shall be done by factory authorized service personnel.
- Avoid using non-original parts or unauthorized service providers for repairs. Possible ignition due to incorrect parts or improper service may result.

WARNING – Defrosting Process

- Improper defrosting methods can damage the refrigeration system.
- Do not use means other than those recommended by the manufacturer to accelerate the defrosting process or to clean.

- Avoid using unauthorized defrosting devices or cleaning methods.
- Damage to the refrigeration system, refrigerant leaks, or fire hazards may result.

WARNING – Mechanical Devices

- Unauthorized devices may damage refrigerant systems and create leak hazards.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Avoid using tools or implements to chip away ice or accelerate defrosting.
- Refrigerant leaks, system damage, or fire hazards may result.

WARNING – Refrigerant Circuit

- Damage to refrigerant lines can release flammable gases.
- Do not damage the refrigerant circuit.
- Avoid puncturing, bending, or crushing refrigerant lines or components.
- Refrigerant leaks, fire, explosion, or environmental harm may result.

WARNING – Internal Electrical Appliances

- Non-approved electrical devices can create spark hazards near refrigerant.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Avoid inserting any unapproved electrical devices inside the refrigerated compartments.
- Increased risk of fire, explosion, or electrical malfunction may result.

WARNING – Storage Environment

- Proximity to ignition sources increases the risk of refrigerant ignition.
- 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).
- Avoid storing the appliance near open flames, gas appliances, or heating elements.
- Fire or explosion risk may result if refrigerant leaks near ignition sources.

WARNING – Physical Integrity

- Damaging the appliance structure can release flammable refrigerant.
- Do not pierce or burn the appliance.
- Avoid actions that might puncture or damage the refrigerant system.
- Refrigerant leaks, fire, explosion, or environmental harm may result.

WARNING – Refrigerant Properties

- Refrigerants may lack warning properties, making leaks difficult to detect.
- Be aware that refrigerants may not contain an odor.
- Avoid assuming refrigerant leaks will be detectable through smell.
- Delayed detection of dangerous refrigerant concentrations may result.

SERVICE AND REPAIR

WARNING – Component Replacement

- Non-original parts may compromise safety systems.
- Component parts shall be replaced with like components and servicing shall be done by factory authorized service personnel to minimize the risk of ignition due to incorrect parts or improper service.
- Avoid using non-original components or unauthorized service providers.
- Increased risk of fire, explosion, or system failure may result.

DANGER NOTICES

DANGER – Fire or Explosion Risk (Defrosting)

- Mechanical defrosting can damage refrigerant systems and release flammable gas.
- Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.
- Avoid using tools, implements, or heat sources to accelerate defrosting.
- Fire, explosion, severe injury, or property damage may result.

DANGER – Fire or Explosion Risk (Repairs)

- Improper repairs can trigger refrigerant leaks and ignition.
- Flammable refrigerant used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.
- Avoid DIY repairs or using untrained service providers.
- Fire, explosion, or serious injury may result.

CAUTION NOTICES

CAUTION – Fire or Explosion Risk (Service)

- Incorrect service procedures can compromise safety systems.
- Risk of fire or explosion. Flammable refrigerant used. Consult repair manual / owner's guide before attempting to install or service this product. All safety precautions must be followed.
- Avoid proceeding with service without proper documentation and training.
- Fire, explosion, or equipment damage may result.

CAUTION – Fire or Explosion Risk (Disposal)

- Improper disposal can release refrigerant and create environmental hazards.
- Risk of fire or explosion. Dispose of properly in accordance with federal or local regulations. Flammable refrigerant used.
- Avoid discarding the appliance through regular waste channels or without professional assistance.
- Fire, explosion, environmental contamination, or legal penalties may result.

CAUTION – Fire or Explosion Risk (Handling)

- Careless handling can damage refrigerant systems.
- Risk of fire or explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used.
- Avoid rough handling, dragging, or dropping the appliance.
- Refrigerant leaks, fire, explosion, or injury may result.

DISPOSAL REQUIREMENTS

WARNING – Appliance Disposal

- Improper disposal creates environmental hazards and entrapment risks.
- Please comply with local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas. Before you scrap the appliance, please take off the doors to prevent children being trapped.
- Avoid discarding the appliance without removing doors and following proper disposal protocols.
- Child entrapment, refrigerant release, environmental harm, or legal penalties may result.

WARNING – Professional Disposal

- Improper disposal methods can lead to hazardous material release.
- When disposing of the appliance, it must be done by the manufacturer, its service agent, or a similarly qualified person in order to avoid fire and other hazards.
- Avoid attempting to dispose of the appliance without proper professional assistance.
- Fire, environmental contamination, or other hazards may result.

INITIAL SETUP

- **Inspect the Packaging:** Examine the unit's packaging for any signs of damage that may have occurred during shipping.
- **Unboxing:** Open the packaging with care.
  - Use scissors or a box cutter to cut open the box.
  - Ensure you do not damage the unit or its components.
  - If any damage is noticed, contact customer service immediately.
- **Placement:**
  - Place the unit on a stable surface near an electrical outlet.
  - **Level placement is crucial** for the unit to work effectively.

INSTALLATION

- **Manual Review:** Read through the manual in its entirety.
- **Shelf Installation:** If the shelf has a raised lip, install it facing up toward the rear of the cabinet to promote proper airflow. Failure to install correctly is considered user error and is not covered by warranty.
- **Transport Orientation:** If the unit has recently been transported on its side, let it stand upright for a minimum of 24 hours before plugging it in.
- **Temperature Readiness:** Ensure the unit has reached the desired temperature before loading it with products; it is designed to keep cold products cold, not to chill warm products.
- **Installation Clearance:** Maintain 3" clearance on all sides of the unit. Ensure the rear standoff bracket is properly installed. Do not install in fully enclosed spaces such as in closets.
- **Ventilation Requirements:** Do not block condenser coil fan or compressor vents. Do not place items on top of units with top-mounted systems, as this will block airflow to the refrigeration system.
- **Accessory Installation:** Confirm that all accessories (shelves, shelf clips, casters) are installed before plugging in the unit.
- **Power Requirements:** Use dedicated GFCI circuit of commercial quality as required by local codes and regulations. Do not use an extension cord.
- **Service Caution:** Do not attempt to remove or repair any component of the unit; consult an authorized service technician for servicing or repair.
- **Safety Reminder:** Do not sit or stand inside the unit.
- **Shelf Weight Capacity:** Shelf can withstand maximum weight of 70 kg (154 lb.).
- **Environmental Requirements:**
  - The unit is designed for a temperature-controlled environment (indoor environment).
  - **Product Climatic Class 7:** This appliance is electrical safety tested for operation in maximum ambient temperature of 95°F (35°C) with 75% relative humidity.
  - Avoid placing the unit in direct sunlight, as this may affect performance.

CLEANING

- **Warning:** Before cleaning, always unplug the equipment.
- **Cabinet Interior Cleaning:** Use a solvent of warm water and mild soap.
- **Avoid Abrasives:** Do not use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the interior finish.
- **Door Gasket Cleaning:** Every 3-6 months, inspect door gaskets and clean as required. Inspection is recommended to be completed by a professional. Worn or dirty gaskets can cause air leaks, reduce cooling performance, and introduce unwanted moisture in the cabinet that can cause the evaporator coil to freeze.
- **Shelf and Pilaster Cleaning:**
  - Periodically remove the shelves and pilasters from the unit and clean them with mild soap and warm water.
  - To remove the pilasters, first remove the shelves and shelf brackets, then lift the pilaster up and out.

Condenser Coil Cleaning

NOTE: This is required to be completed by a qualified and insured food service technician.

- **Important Information:**
  - **Dust Risks:** A dusty condenser may lead to high energy consumption, less cooling effectiveness, and compressor damage.
  - **Regular Maintenance:** For efficient operation, keep the condenser surface free of dust, dirt, and lint.
  - **Monthly Cleaning:** We recommend cleaning the condenser coil at least once per month.
  - **Location Note:** The condenser coil is located at the bottom behind the panel.
- **Cleaning Instructions:**
  1. **Disconnect Power:** Disconnect the electrical power from the unit.
  2. **Remove Covers:** Remove the front cover and base cover with a screwdriver.
  3. **Clean Debris:** Using a brush and / or vacuum, remove the dirt, lint, etc. from the finned condenser coil in a vertical direction.
  4. **Apply Cleaner:** Clean the condenser with a commercial condenser coil cleaner, available from any kitchen equipment retailer. Ex. Noble Chemical Tech Line Coil Cleaners (147TLECCLNR, 148TLHDCCLNR, 148TLECOILDD, 148TLFMCCLNR, 147TLEVPCLNR, or 147TLHDCCLNR).
  5. **Straighten Fins:** After cleaning, straighten any bent condenser fins with a fin comb.
  6. **Replace Covers:** When finished, be sure to reinstall the front cover and base cover.
  7. **Restore Power:** Reconnect the electrical power to the unit.

OPERATION

Temperature Control Overview:

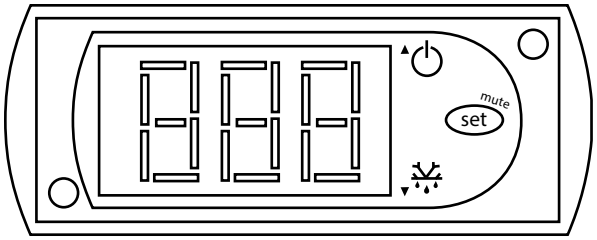
- Set point (default: 34°F for refrigerators / -1°F for freezers) represents the lowest target temperature with normal fluctuation above this level. Ex. Unit will pull down to 33°F, then rise to ~40°F, then pull back down to 33°F and repeat.
- Factory preset defrost cycles occur approximately every 3 to 6 hours after initial startup.

Controls:

- **Compressor On/Off Status LED:** Indicates the compressor is on.
- **Fan LED:** Indicates the fan is on.
- **Defrost LED:** Indicates the defrost cycle is running.
- **Digital Controls:**
  - **Set Minimum Temperature:** Hold “SET” for 1 sec; the display will flash the current minimum temperature.
  - **Adjust Temperature:** Use the arrow buttons to adjust the minimum temperature.
  - **Save Settings:** Press “SET” again to save your settings.

Calculate Differential (Informational):

- **NOTE: This is set by the factory and is provided in case the customer wants to make changes. No action is required for standard operation.**
- Always calculate the differential when changing the minimum temperature setting.
- The cabinet temperature may fluctuate up to +7°F above your set minimum as the compressor cycles.
- Setting the temperature too high may result in unsafe maximum temperatures.



Defrost System:

- **Automatic Defrost:** This unit is equipped with an automatic defrost process. During this process, water is generated. This water will automatically evaporate during normal operation using the evaporator pan. As the unit defrosts, ice will melt and drain into a contained drain pan, where the water will evaporate over time.
- **Manual Defrost:**
  1. Press the defrost button (displaying a snowflake symbol with a down arrow) for approximately 3 seconds.
  2. Once defrost is complete, press the defrost button for approximately 3 seconds to stop the defrost cycle.

Loading Product:

Product Loading Guidelines:

- **Unbox Product:** Remove products from shipping cartons before loading to promote air circulation.
- **Max Level:** Never load product above maximum level indicators found inside unit.
- **Secure Shelf Clips:** Ensure all shelf clips are completely fastened in their correct spots on the pilaster before loading shelves.
- **Level Shelves:** All shelves must rest completely level before stocking the cabinet with product.
- **Packaged Refrigerated Product:** Product should be removed from cases before stocking in the fridge.
- **Maintain Airflow:**
  - **NOTE:** Check shelf direction. Make sure the raised lip is facing up and against the wall creating a natural gap at the back.
  - Leave 2" to 4" of space between the back wall and stored product to maintain proper airflow; blocking the evaporator fans can cause the cabinet temperature to rise and lead to compressor failure.

Food Pan Loading:

- **NOTE:** These units are designed to work optimally when all pans are in place. Please fill in any gaps with empty pans. This will affect the functionality of the prep table and its ability to keep product chilled.
- For maximum food freshness, fill the pans only with the amount that can be used in a specific usage period.

MAINTENANCE

MONTHLY

Inspect for Wear

Purpose: To regularly check all components for signs of wear, tear, or damage, and replace as necessary.

1. Turn off and disconnect the machine from the power source.
2. Inspect the plug and cord for any indications of excessive wear, which may encompass discoloration, burn marks, cuts, and tears.
3. Check the integrity of electrical cords and plug points.
4. Examine taps, levers, and other manual components for ease of operation.
5. If any issues are detected, consult the “Troubleshooting” section, or contact a service provider for recommended actions or replacements.

ANNUALLY

Professional Servicing

Purpose: To ensure that specialized features like electrical components and temperature controls are working correctly.

1. Schedule an annual service appointment with a certified technician who specializes in refrigeration.
2. The technician will perform a comprehensive inspection, checking electrical components.
3. Any worn-out or damaged parts will be replaced.
4. Obtain a detailed service report for your records, beneficial for both warranty claims and future troubleshooting.
5. If necessary, clean the fan blades and motor with a soft cloth to remove any buildup.
6. **Hinge Maintenance:** Inspect cartridge-style self-closing hinges regularly to ensure doors close and seal firmly. Worn hinges may not hold doors closed tightly, leading to poor performance.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Unit will not refrigerate.	Outlet does not have power to it.	Replace fuse or reset circuit breaker.
	Power cord unplugged.	Plug in power cord.
	Thermostat set too high.	Set thermostat to lower temperature.
	Cabinet in defrost cycle.	Wait for defrost cycle to finish.
Unit constantly running.	Excessive amount of warm product in cabinet.	Allow adequate time for product to cool down.
	Prolonged door opening or door ajar.	Ensure all doors are closed when not in use. Avoid opening doors for extended periods of time.
	Dirty condenser coil.	Clean the condenser coil.
	Evaporator coil iced over.	Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure that door gasket(s) are sealing properly.