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Turbo Air PRO-26-2R

Turbo Air PRO-26-2R Premiere Series 29-inch Solid Half-Door Reach-In Refrigerator User Manual

Model: PRO-26-2R

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Turbo Air PRO-26-2R Premiere Series 29-inch Solid Half-Door Reach-In Refrigerator. Please read this manual thoroughly before operating the unit and retain it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury. This unit uses R290 refrigerant, which is flammable. Ensure proper ventilation and avoid ignition sources during installation and servicing.

- Ensure the unit is properly grounded.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings clear of obstruction.
- Only authorized service personnel should perform repairs.
- Disconnect power before cleaning or maintenance.

3. PRODUCT OVERVIEW

The Turbo Air PRO-26-2R is a high-performance, 29-inch solid half-door reach-in refrigerator designed for commercial use. It features a durable stainless steel construction, energy-efficient components, and advanced refrigeration technology.



Figure 1: Front view of the Turbo Air PRO-26-2R Premiere Series Refrigerator, showing the two solid half-doors, digital display, and casters.

Key Features:

- **Construction:** 22 gauge stainless steel doors, sides, and back; galvanized steel top and bottom; stainless steel interior.
- **Capacity:** 24.8 cubic feet.
- **Doors:** Two 1/2-size solid stainless steel swing doors.
- **Shelves:** Three 25 1/4 in (L) x 23 3/4 in (W) stainless steel shelves.
- **Temperature Range:** 33°F to 38°F.
- **Refrigeration System:** Self-contained, top-mount compressor with R290 eco-friendly refrigerant.
- **Condenser:** Patented self-cleaning condenser with fine mesh filter and rotating brush.

- **Cooling:** Hot gas condensate cooling system.
- **Controls:** Digital temperature control and display.
- **Lighting:** LED interior lighting.
- **Mobility:** 4-inch casters for easy movement.

4. SETUP AND INSTALLATION

The PRO-26-2R refrigerator is designed for freestanding installation. Proper setup is crucial for optimal performance and longevity.

4.1 Unpacking and Placement

- Carefully remove all packaging materials.
- Place the unit on a level, sturdy surface. The unit comes with 4-inch casters for mobility, adding 5 inches to the load height.
- Ensure adequate clearance around the unit for proper ventilation, especially around the top-mounted compressor and condenser area.
- Avoid direct sunlight or proximity to heat-generating equipment.

4.2 Electrical Connection

- The unit requires a 115V/60Hz/3.1A/1-Ph electrical supply.
- It is equipped with a 9 ft cord and a NEMA 5-15P plug.
- Connect the refrigerator to a dedicated, properly grounded electrical outlet. Do not use extension cords or adapter plugs.

5. OPERATING INSTRUCTIONS

5.1 Initial Startup

- After connecting to power, allow the unit to sit for at least 2 hours before turning it on to allow refrigerants to settle.
- Turn on the main power switch (if applicable, refer to unit labeling).
- The digital display will show the current internal temperature.

5.2 Temperature Control

- The unit features a digital temperature control and display.
- The factory-set temperature range is 33°F to 38°F.
- Refer to the specific controller manual (if provided separately) for detailed instructions on adjusting temperature settings.

5.3 Turbo Freeze Function

- The "Turbo Freeze" rapid cool-down function allows the unit to reach its desired low temperature quickly.
- Activate this function when rapid cooling of newly loaded products is required. Consult the digital controller interface for activation steps.

5.4 LED Interior Lighting

- The interior is illuminated by energy-efficient LED lighting.

- The lighting typically operates automatically when doors are opened or can be manually controlled via a switch on the control panel.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your refrigerator.

6.1 Self-Cleaning Condenser

- The unit is equipped with a patented self-cleaning condenser.
- A fine mesh filter at the front catches debris, and a rotating brush travels along the condenser daily to remove buildup.
- While this system significantly reduces manual cleaning, periodic inspection of the filter and brush mechanism is recommended to ensure proper function.

6.2 Hot Gas Condensate Cooling System

- This system uses condensate water to cool hot compressor gas lines, reducing radiant heat and energy consumption.
- It also eliminates the need to drain condensate accumulation. No specific user maintenance is required for this system, but ensure the drain pan area remains clear.

6.3 General Cleaning

- **Exterior:** Clean stainless steel surfaces with a soft cloth and a mild, non-abrasive cleaner. Wipe in the direction of the grain.
- **Interior:** Regularly clean the interior with a mild soap and water solution. Rinse thoroughly and dry. Remove shelves for easier cleaning.
- **Door Gaskets:** Inspect and clean door gaskets regularly to ensure a tight seal. Replace worn or damaged gaskets promptly.
- **Power Disconnection:** Always disconnect the unit from the power supply before performing any cleaning or maintenance.

7. TROUBLESHOOTING

Before contacting service, review these common issues and solutions:

- **Unit Not Running:** Check if the power cord is securely plugged in. Verify the circuit breaker or fuse. Ensure the power switch is on.
- **Insufficient Cooling:** Check if the temperature setting is correct. Ensure doors are closing properly and gaskets are sealing. Verify the condenser coils are not excessively dirty (though self-cleaning, extreme conditions may require inspection). Avoid overloading the unit.
- **Excessive Noise:** Ensure the unit is level. Check for any loose components or obstructions around the fan or compressor.
- **Water on Floor:** Check if the drain line is clogged or if the condensate pan is displaced.

If problems persist after attempting these solutions, contact qualified service personnel.

8. SPECIFICATIONS

Feature	Detail
Model	PRO-26-2R
Exterior Dimensions (H x W x D)	78 in x 28 3/4 in x 33 7/8 in
Interior Dimensions (H x W x D)	58 3/4 in x 24 3/4 in x 29 1/2 in
Capacity	24.8 cu/ft
Temperature Range	33°F to 38°F
Doors	(2) 1/2-size solid stainless steel swing doors
Shelves	(3) 25 1/4 in (L) x 23 3/4 in (W) stainless steel
Refrigerant	R290
Compressor	1/2 HP, Top-mount
Electrical	115V/60Hz/3.1A/1-Ph
Plug Type	NEMA 5-15P (9 ft cord)
Installation Type	Freestanding
Casters	4 inch (adds 5 inch load height)
Net Weight	280 pounds
Certifications	ETL, cETLus, Energy Star qualified
Manufacturing Location	Made in USA

9. WARRANTY AND SUPPORT

Turbo Air stands behind the quality of its products with comprehensive warranty coverage:

- **Hinges and Handle:** Lifetime guarantee.
- **Parts and Labor:** 5 years.
- **Compressor:** Additional 4-year parts-only warranty (7 years total).

For technical support, service inquiries, or warranty claims, please refer to the contact information provided with your purchase documentation or visit the official Turbo Air website.