

## High Performance Undercounter Refrigerators and Freezer

### TSU-4RW-N6

3.0 cu.ft. | 85 L

+2°C to +8°C Undercounter Refrigerator

TSU-4RW-N6 high performance undercounter refrigerators are designed to meet current CDC guidelines for vaccine storage. The TSU-4RW-N6 is ENERGY STAR® Certified and capable of maintaining the 5°C setpoint standard for storing vaccines with a +/- uniformity of 3°C to better reduce the risk of freezing vital vaccines and biologics.

Built with accessibility in mind, this unit is ADA compliant and engineered with a glass door for easy visibility of stored contents.



#### ✓ Meeting Regulatory Standards

- Current and emerging guidelines from the CDC involve strict storage requirements for vaccines and biologics.
- The TSU-4RW-N6 is purpose-designed to meet these evolving guidelines as they pertain to temperature control, uniformity, and recovery.
- This unit is UL 471 listed, and meets all electrical standards required by most equivalent Nationally Recognized Testing Laboratories (NRTL).

#### ✓ Ease of Use and Accessibility

- With a compact footprint, the TSU-4RW-N6 is designed to be incorporated in ADA compliant workspaces, and fits under most tables, cabinets, and lab benches.
- In the event an open door is forgotten, the **self-closing door** will mitigate scenarios that could result in lost product.
- An optional stacking accessory is available to maximize storage capacity when space constraints become an issue.

#### ✓ Temperature Uniformity Ensures Product Safety

Many vaccines risk inactivation if allowed to freeze.

- The TSU-4RW-N6 is designed to prevent interior temperature from dropping below 2°C at any location within the cabinet, even if the unit is empty or in any location in the cabinet where the product can be stored.
- Strict temperature control keeps stored product within the CDC recommended 2-8°C temperature range for optimal vaccine storage.
- Interior temperatures are engineered to cool back to setpoint within 15 minutes of a 3 minute door opening.

## PR-L5181W PR-L5181GW

5.0 cu.ft. | 142 L

+2°C to +8°C Undercounter Refrigerator

The PR-L5181W-PA and PR-L5181GW high performance undercounter refrigerators are ENERGY STAR® Certified and are designed to maintain the +5°C temperature setpoint and  $\pm 3^\circ\text{C}$  uniformity necessary for the storage of critical vaccines and biologics. These models are engineered to meet the strict regulatory guidelines of the CDC in a small footprint. Precision temperature control and uniformity help prevent the interior from cooling below freezing and risking vaccine and biologic viability whether the unit is loaded or empty.



## PF-L5181W

5.0 cu.ft. | 142 L

-15°C to -25°C Undercounter Freezer

The PF-L5181W-PA high performance undercounter freezer is ENERGY STAR® Certified and is designed to maintain temperatures between -15°C and -25°C with a tight uniformity of  $\pm 5^\circ\text{C}$  for storing critical vaccines and biologics. This model is engineered to meet CDC guidelines in a small footprint. Precise temperature control and uniformity help protect vaccine and biologic viability whether the unit is loaded or empty.



### ✓ Ease of Use and Accessibility

- With a compact footprint, the PR-L5181W-PA, the PR-L5181GW-PA and the PF-L5181W are designed for functional workspaces and fit under most tables, cabinets and lab benches.
- The PR-L5181W-PA solid door protects light-sensitive materials.
- The PR-L5181GW-PA features a convenient glass door to provide visibility into the interior of the unit to avoid unnecessary door openings.
- If the door is left ajar, the **self-closing mechanism** mitigates scenarios that could result in lost product.
- An optional stacking accessory is available to maximize storage capacity when space constraints become a concern.

### ✓ Temperature Uniformity Ensures Product Safety

- Many high performance refrigerators can maintain precise temperatures when they are empty.
- The PR-L5181W-PA and PR-L5181GW have been designed to maintain high performance temperature uniformity of  $\pm 3^\circ\text{C}$  even when loaded, as often occurs during peak vaccine season.

### ✓ Temperature Control Precision

- The purpose built PF-L5181W-PA is designed to maintain the high performance necessary for valuable inventory using the latest inverter compressor speed technology for optimum control.
- This freezer features precise temperature control engineered to meet the current and evolving criteria for vaccine storage while requiring less energy than traditional undercounter freezers.

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