# Reveal®

Refrigerated Service Slide In Counter Case

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

- **NE3627RSV** 35-3/4"L x 33"D x 27-7/8"H
- **NE4827RSV** 47-3/4"L x 33"D x 27-7/8"H
- **NE6027RSV** 59-3/4"L x 33"D x 27-7/8"H
- **NE7227RSV** 71-3/4"L x 33"D x 27-7/8"H



NE4827RSV

## Included

- NOTE: Glass warranty only applicable to first point of delivery
- Breeze~E (Type-II) self-contained refrigeration
- (2) Levels of clear glass shelving removable and adjustable on 1" centers
- Condensate pan (self-contained refrig. only)
- LED top & shelf lights
- NOTE: Overall case height is 47-1/4" (includes below counter)
- One piece formed ABS plastic tub
- One year parts & labor; 5 year compressor warranty
- Vertical, fixed front & side UV bonded frameless glass
- Warmest average product temperature of 40°F or less

| Specify | Standard Features | Additional Options |
|---|---|---|
| **FRAME EXTERIOR COLOR** | • Powder coated Silversan Black | • Powder coated (stock/non-stock colors)<br>• Stainless steel |
| **INTERIOR COLOR** | • Powder coated Silversan Black | • NOTE: Interior color must be FDA & NSF approved<br>• Powder coated (stock colors, specify RAL#)<br>• Stainless steel |
| **BASE SUPPORT** | • Casters (non-locking) w/ levelers (self-cont.) | • 6"H legs<br>• Shims (remote) |
| **LEFT END GLASS** | • Glass end | • No end glass w/ synchronized defrost |
| **RIGHT END GLASS** | • Glass end | • No end glass w/ synchronized defrost |
| **REAR DOORS** | • Clear glass rear sliding doors | • Reflective glass rear sliding doors |
| **LIGHTS** | • LED 3500K w/ frosted lens | • LED 3000K w/ frosted lens<br>• LED 4000K w/ frosted lens |
| **ELECTRICAL CONNECTION** | • 10' Straight blade power cord (self-cont.) | • 10' Locking power cord (self-cont.)<br>• Electrical leads (remote) |
| **CLEAN SWEEP** | • None | • Clean Sweep® coil cleaner (self-cont.) (2 year parts & labor warranty included) |
| **REAR VENTED PANEL** | • None | • NOTE: Unit can intake & discharge from rear w/ optional rear vented panel<br>• Powder coated (stock/non-stock colors)<br>• Stainless steel |
| **REFRIGERATION** | • Breeze~E (Type-II) self-contained refrigeration (rear access) | • Breeze~E (Type-II) self-contained refrigeration (front access) (see important notes)<br>[1] • Remote w/thermostat, solenoid & TXV (front access)<br>[2] • Remote w/thermostat, solenoid & TXV (rear access) |
| **MISCELLANEOUS** | | • Rear door lock<br>• Second year parts & labor warranty (excludes compressor) |

Option Notes: 1 - Read important notes for remote options
2 - Read important notes for remote options

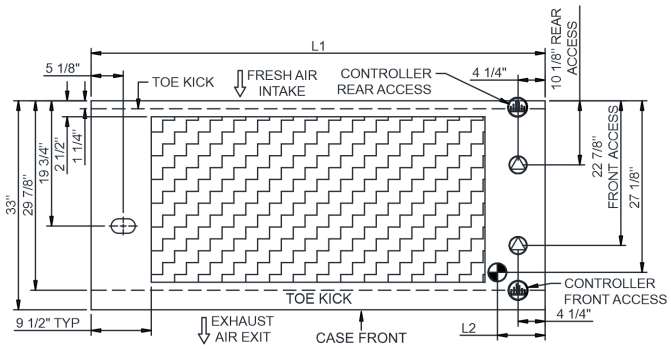
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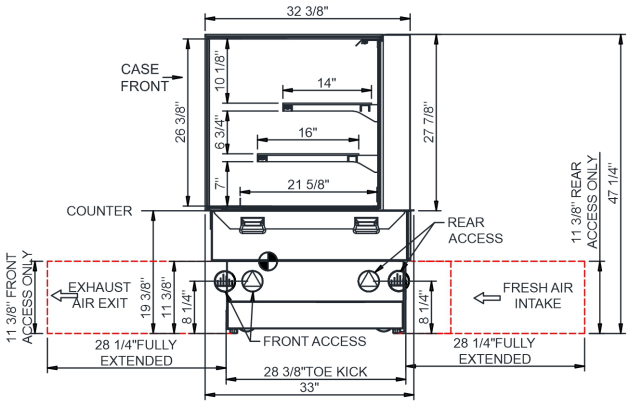
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| **Intended Environment:** | Type II - Designed to operate in ambient conditions of 80°F and 55% relative humidity unless noted otherwise in system information below. | |
|---|---|---|
| **Zone** | **Intended Product To Be Displayed** | **Warmest Avg Prod Temp ° F** |
| 1 | Unpackaged refrigerated products-Prechilled to Warmest Avg Prod Temp. | 40 |

## PLAN VIEW

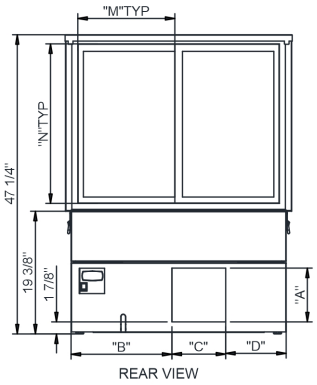



## SIDE VIEW




| | "A" | "B" | "C" | "D" |
|---|---|---|---|---|
| NE3627RSV | 8 1/2" | 16" | 8 1/2" | 9 5/8" |
| NE4827RSV | 8 1/2" | 28" | 8 1/2" | 9 5/8" |
| NE6027RSV | 8 1/2" | 40" | 8 1/2" | 9 5/8" |
| NE7227RSV | 8 1/2" | 52" | 8 1/2" | 9 5/8" |

| | "M" | "N" |
|---|---|---|
| NR3647RSV | 15 3/8" | 25 1/4" |
| NR4847RSV | 21 3/8" | 25 1/4" |
| NR6047RSV | 27 3/8" | 25 1/4" |
| NR7247RSV | 33 3/8" | 25 1/4" |




NOTES:
1. 11 3/8" TALL, FULL WIDTH OF CASE OPENING IN CABINET OR COUNTER IS REQUIRED TO PULL OUT REFRIGERATION SYSTEM.
2. SEE DESIGN GUIDE FOR CUTOUT SIZE IN CABINET FOR CASE TO DROP INTO.
3. BACK OF COUNTER / CABINET MUST BE VENTED PROPERLY FOR ADEQUATE AIRFLOW TO CONDENSER.
4. **REPRESENTS REAR PULLOUT REFRIGERATION. AIR FLOW INTAKE AND EXIT DETAILS ARE REVERSED WITH FRONT PULLOUT REFRIGERATION OPTION.
5. SELF-CONTAINED ACCESS ONLY BY PULLING OUT CONDENSER UNIT.
6. SEE "COUNTER INSTALLATION GUIDE" FOR AIR FLOW REQUIREMENTS.

NOTE: ALL DIMENSIONS APPROXIMATE

ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH ¾" OR 1½" PVC TUBE).
REFRIGERATION LINE CONNECTION.
REMOTE FLOOR SINK & UTILITIES ACCESS AREA.
SELF-CONTAINED CASE SERVICE ACCESS AREA.
DRY CASE SERVICE ACCESS AREA.

**Model Technical Specifications**

| Model | L" | L1" | L2" | System Circuit Volts | | | Phs | Freq | Amps *** | Watts | Wires | NEMA Plug | SST | Conv. Rack BTUH | Para. Rack BTUH | Est Wt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NE3627RSV | N/A | 35.75 | 7.50 | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 35 | 2+G | Leads Single | 24.00 | 1015 | 940 | 750 |
| | | | | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 35 | 2+G | Leads Single | 24.00 | 1015 | 940 | |
| | | | | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 10.73 | 959 | 2+G | 5-15P or L5-15P | N/A | N/A | N/A | |
| NE4827RSV | N/A | 47.75 | 7.50 | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 39 | 2+G | Leads Single | 24.00 | 1318 | 1220 | 850 |
| | | | | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 39 | 2+G | Leads Single | 24.00 | 1318 | 1220 | |
| | | | | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 11.18 | 987 | 2+G | 5-15P or L5-15P | N/A | N/A | N/A | |
| NE6027RSV | N/A | 59.75 | 7.50 | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 58 | 2+G | Leads Single | 20.00 | 1620 | 1500 | 950 |
| | | | | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 58 | 2+G | Leads Single | 20.00 | 1620 | 1500 | |
| | | | | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 11.18 | 994 | 2+G | 5-15P or L5-15P | N/A | N/A | N/A | |
| NE7227RSV | N/A | 71.75 | 7.50 | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 62 | 2+G | Leads Single | 20.00 | 1922 | 1780 | 1,050 |
| | | | | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 62 | 2+G | Leads Single | 20.00 | 1922 | 1780 | |
| | | | | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 15.48 | 1,529 | 2+G | 5-20P or L5-20P | N/A | N/A | N/A | |

*** Does not include electric defrost on freezer models.

| **Regulatory Approvals:** | |
|---|---|
| All Models | Accordance with AHRI Std 1200<br>ETL Listed to UL 471<br>ETL Listed to CAN/CSA 22.2 No. 120<br>ETL Sanitation to NSF/ANSI 7 |

In Accordance with AHRI Std 1200

DOE 2017 Energy Efficiency Compliant

## Important Notes:

1) REMOTE REFRIGERATION NOTE: Condensing unit not included, floor drain required.
2) ELECTRICAL NOTE: If GFCI is required, a GFCI breaker MUST be used in lieu of a GFCI receptacle
3) Back side of counter must be open or vented the full length of the unit to allow proper ventilation for the refrigeration system.
4) A vent in the front of the counter recommended to help dissipate compressor heat .
5) Rear Access - Counter must be configured to allow air to be drawn in the rear and discharged out the front.
6) Front Access - Counter must be configured to allow air to be drawn in the front and discharged out the rear.
7) 19.25" minimum space required beneath counter surface.
8) Glass warranty only applicable to first point of delivery.

⚠ **WARNING:** This product can expose you to chemicals, including Urethane (Ethyl Carbamate), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

# Placement of Case

Consider where the display case will be positioned relative to walls, ceilings, HVAC vents, windows, and other equipment discharging warm air.

## The 5′ - 10′ - 15′ Rule

**Stay 5′ away from an exterior window**

Direct sunlight increases the heat load on the front of the display resulting in the refrigeration system having to work harder and possible condensation on the case.

**Remain 10′ away from HVAC ceiling vents**

Air blowing on the front of the display interrupts the air curtain and causes product temperatures to increase.

Minimum 4″ clearance to walls & ceilings.
Refer to spec sheets & design guide for further information.

With service display cases that have a glass front, air blowing on the front glass causes condensation to develop.

**Position the display 15′ away from exterior doors**

Air drafts from the front exterior doors interrupt the air curtain, allowing warm air to penetrate the inside of the display, affecting product temperature.

