# Technical Information

Reveal® - Refrigerated Service Case

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

## DIMENSIONS / SHIPPING

| Model | L" | L1" | L2" | Est Wt (lbs) |
|---|---|---|---|---|
| NR3647RSV | N/A | 35.750 | 7.500 | 650 |
| NR4847RSV | N/A | 47.750 | 7.500 | 950 |
| NR6047RSV | N/A | 59.750 | 7.500 | 1,000 |
| NR7247RSV | N/A | 71.750 | 7.500 | 1,150 |

## ELECTRICAL

| Model | System Circuit Volts | | | Ph | Frq | Rated Load Amps | Min Cir Amps | Max OCP Amps | Watts | Wires | NEMA Plug | Amps Lights | Amps Fans | Amps Anti-Sweats | Amps Misc/Refrig/ Heat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NR3647RSV | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 15 | 15 | 35 | 2+G | Leads Single | 0.70 | 0.30 | | 0.08 |
| | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 15 | 15 | 35 | 2+G | Leads Single | 0.70 | 0.30 | | 0.08 |
| | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 10.73 | 15 | 15 | 959 | 2+G | 5-15P or L5-15P | N/A | 0.45 | 3.96 | 6.32 |
| NR4847RSV | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 15 | 15 | 39 | 2+G | Leads Single | 0.70 | 0.30 | | 0.08 |
| | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.08 | 15 | 15 | 39 | 2+G | Leads Single | 0.70 | 0.30 | | 0.08 |
| | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 11.18 | 15 | 15 | 987 | 2+G | 5-15P or L5-15P | N/A | 0.90 | 3.96 | 6.32 |
| NR6047RSV | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 15 | 15 | 58 | 2+G | Leads Single | 0.70 | 0.60 | | 0.08 |
| | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 15 | 15 | 58 | 2+G | Leads Single | 0.70 | 0.60 | | 0.08 |
| | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 11.18 | 15 | 15 | 994 | 2+G | 5-15P or L5-15P | N/A | 0.90 | 3.96 | 6.32 |
| NR7247RSV | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 15 | 15 | 62 | 2+G | Leads Single | 0.70 | 0.60 | | 0.08 |
| | Remote (DX) | Circuit #1 | 110-120 | 1 | 60 | 1.38 | 15 | 15 | 62 | 2+G | Leads Single | 0.70 | 0.60 | | 0.08 |
| | Self-Contained (R290) | Circuit #1 | 110-120 | 1 | 60 | 15.48 | 20 | 20 | 1,529 | 2+G | 5-20P or L5-20P | N/A | 0.90 | 3.96 | 10.62 |

## REFRIGERATION

| Model | Zone | Section | System | Envt | REMOTE REFRIGERATION | | | | | GLYCOL / R744 REFRIGERATION | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | SST (°F) | Conv. Rack BTUH | Para. Rack BTUH | Defrost Interval (Hrs) | Defrost Duration | Total GPM | Pressure Drop (psi) | Concent (%) | Liquid Temp (°F) |
| NR3647RSV | All | Refrigerator | Remote-DX | Type II | 24 | 1,015 | 940 | 4.00 | 30.00 | N/A | N/A | N/A | N/A |
| | All | Refrigerator | Remote-DX | Type I | 24 | 907 | 840 | 4.00 | 30.00 | N/A | N/A | N/A | N/A |
| | All | Main | Self-Contained-R290 | Type II | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| NR4847RSV | All | Refrigerator | Remote-DX | Type II | 24 | 1,318 | 1,220 | 4.00 | 30.00 | N/A | N/A | N/A | N/A |
| | All | Refrigerator | Remote-DX | Type I | 24 | 1,166 | 1,080 | 4.00 | 30.00 | N/A | N/A | N/A | N/A |
| | All | Main | Self-Contained-R290 | Type II | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| NR6047RSV | All | Refrigerator | Remote-DX | Type II | 20 | 1,620 | 1,500 | 4.00 | 25.00 | N/A | N/A | N/A | N/A |
| | All | Refrigerator | Remote-DX | Type I | 20 | 1,447 | 1,340 | 4.00 | 25.00 | N/A | N/A | N/A | N/A |
| | All | Main | Self-Contained-R290 | Type II | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| NR7247RSV | All | Refrigerator | Remote-DX | Type II | 20 | 1,922 | 1,780 | 4.00 | 25.00 | N/A | N/A | N/A | N/A |
| | All | Refrigerator | Remote-DX | Type I | 20 | 1,706 | 1,580 | 4.00 | 25.00 | N/A | N/A | N/A | N/A |
| | All | Main | Self-Contained-R290 | Type II | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

## INTENDED ENVIRONMENT

Type II - Designed to operate in ambient conditions of 80°F and 55% relative humidity unless noted otherwise under Envt above.

## WARMEST AVERAGE PRODUCT TEMP & INTENDED USE OF ZONES

| Zone | Temp (°F) | Intended Use |
|---|---|---|
| 1 | 40 | Unpackaged refrigerated products-Prechilled to Warmest Avg Prod Temp. |

## 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) Glass warranty only applicable to first point of delivery.
5) Compressor air intake from rear and out front panel at toe kick. Front panel cannot be blocked.

## REGULATORY

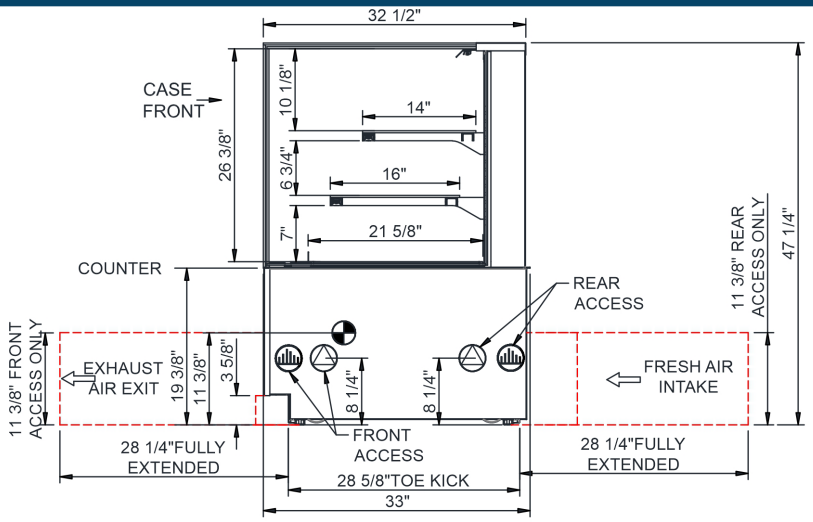
| | |
|---|---|
| All Models | Accordance with AHRI Std 1200<br>ETL Listed to UL 471<br>ETL Listed to CAN/CSA 22.2 No. 120<br>ETL Sanitation to NSF/ANSI 7 |

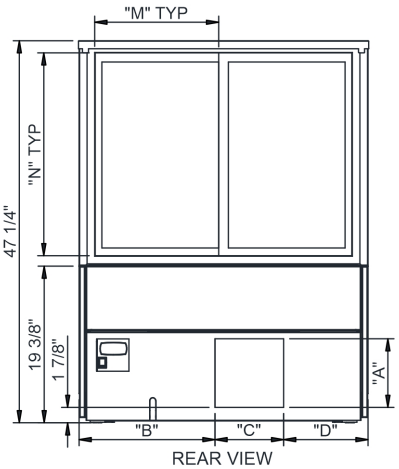
In Accordance with AHRI Std 1200

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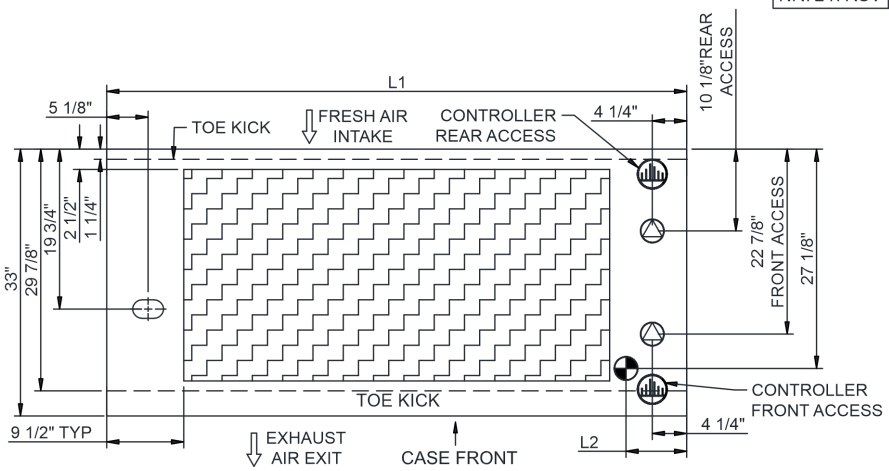



REAR VIEW

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

| | "A" | "B" | "C" | "D" |
|---|---|---|---|---|
| NR3647RSV | 8 1/2" | 16 3/4" | 8 1/2" | 10 3/8" |
| NR4847RSV | 8 1/2" | 28 3/4" | 8 1/2" | 10 3/8" |
| NR6047RSV | 8 1/2" | 40 3/4" | 8 1/2" x2 | 10 3/8" |
| NR7247RSV | 8 1/2" | 52 3/4" | 8 1/2" x2 | 10 3/8" |

| | "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" |




NOTE: ALL DIMENSIONS APPROXIMATE

- ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
- LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH $^{3}/_{4}$" OR $1^{1}/_{2}$" PVC TUBE).
- REFRIGERATION LINE CONNECTION.
- REMOTE FLOOR SINK & UTILITIES ACCESS AREA.
- SELF-CONTAINED CASE SERVICE ACCESS AREA.
- DRY CASE SERVICE ACCESS AREA.