



Target Reveal Merchandiser® ORMC82L-B Specs

Open Multi-Decks (Standard Height)
ORMC82L-B: L=Low Sill Height-B=Beverage

Refrigeration Data

| Refrigeration | Lineup Data | Individual Case Data (Includes 1 Pair of End Panels) | | | |
|--|---------------|--|-------|--------|--------|
| | Per Foot Avg. | 4' | 6' | 8' | 12' |
| Evaporator Temperature (°F) ¹ | 28 | 28 | 28 | 28 | 28 |
| Baseline Btu/h ² | 1,318 | 5,783 | 8,521 | 11,157 | 16,428 |
| Discharge Air Temperature (°F) (w/ 8°F Superheat) ³ | 36 | 36 | 36 | 36 | 36 |
| Discharge Air Velocity (fpm) ⁴ | 260 | 260 | 260 | 260 | 260 |
| Return Air Temperature | 47 | 47 | 47 | 47 | 47 |

Electrical & Energy Data ⁵

| Single Point Connection ^{6,7} | Individual Case Data (Includes 1 Pair of End Panels) | | | |
|--|--|--------|--------|--------|
| | 2-Door | 3-Door | 4-Door | 5-Door |
| MOCP (amps) ⁸ | 15 | 15 | 15 | 15 |
| MCA (amps) ⁹ | 1.9 | 2.7 | 3.4 | 4.8 |

Physical Data

| Refrigeration Piping: R-407A, R-448A, R-449A ¹⁰ | Outlet Size (in.) | | | |
|--|-------------------|-----|-----|-------|
| | 4' | 6' | 8' | 12' |
| Suction Line O.D. (Top Refrigeration Exit) | 5/8 | 5/8 | 7/8 | 7/8 |
| Liquid Line O.D. | 3/8 | 3/8 | 3/8 | 3/8 |
| Refrigeration Piping: CO ₂ ¹⁰ | 4' | 6' | 8' | 12' |
| Suction Line O.D. (Top Refrigeration Exit) | 1/2 | 1/2 | 1/2 | 1/2 |
| Liquid Line O.D. | 3/8 | 3/8 | 1/2 | 1/2 |
| Evaporator Coil | 4' | 6' | 8' | 12' |
| Fin Spacing (per in.) | 4 | 4 | 4 | 4 |
| Tube Diameter (in.) | 3/8 | 3/8 | 3/8 | 3/8 |
| Case Calculations | Solid End Panel | | | |
| Weight (lbs.) | 452 | 678 | 791 | 1,222 |

*Display cases can be equipped for a 90 bar certification upon request.

Operating Set Points

| Off-Cycle Defrost | R-407A | R-448A/R-449A | CO ₂ |
|----------------------------|--------|---------------|-----------------|
| Time Per Defrost (Minutes) | 30 | 30 | 30 |
| Drip Time (Minutes) | N/A | N/A | N/A |
| EPR Settings (psig) | 51 | 59 | 462 |
| Frequency (Per Day) | 6 | 6 | 4 |

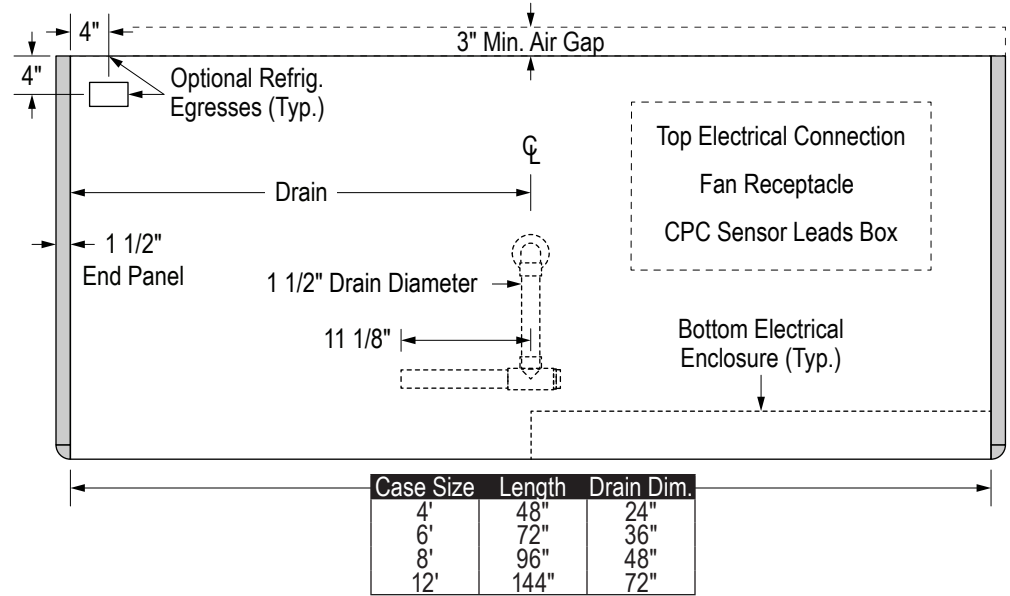
Notes:

- For high-glide refrigerants, use dew point for unit sizing. Adjust evaporator pressure as needed to maintain discharge air temperatures.
 - Baseline Evaporator Btu/h based on parallel rack system, 1 row LED canopy lighting and 5 rows LED under shelf lighting (Zero Zone ChillBrite®), ECM or SSC electronic fan motors, 5 rows of 20" solid shelves, and low sill height.
 - Discharge air temperature is measured at the outlet of the honeycomb.
 - Discharge air velocity is average velocity at peak of defrost.
 - A 3-prong round pin receptacle is provided for auxiliary ventilation fan kit.
 - Electrical data based on 1 row LED canopy lighting and 5 rows LED under shelf lighting (Zero Zone ChillBrite®), ECM or SSC electronic fan motors, 5 rows of 20" solid shelves, low sill height, and auxiliary ventilation fan kits. Contact Zero Zone for data without ventilation fans.
 - 115V 3-wire service; 115V-1PH-60HZ; black power, white neutral, green ground. Buck/ boost transformer available for low voltage conditions.
 - MOCP = Maximum over-current protection.
 - MCA = Minimum current amps.
 - Use 0.5 lb/ft evaporator refrigerant charge for receiver sizing.
- Case Performance Notes:**
- Btu/h load increases by approximately 120 Btu/h per foot for aftermarket shelving/merchandising.
 - Operating temperature and defrost set points may need to be adjusted for alternate shelving, store conditions, or packout.
 - A minimum 20° evaporator is recommended without positive defrost.

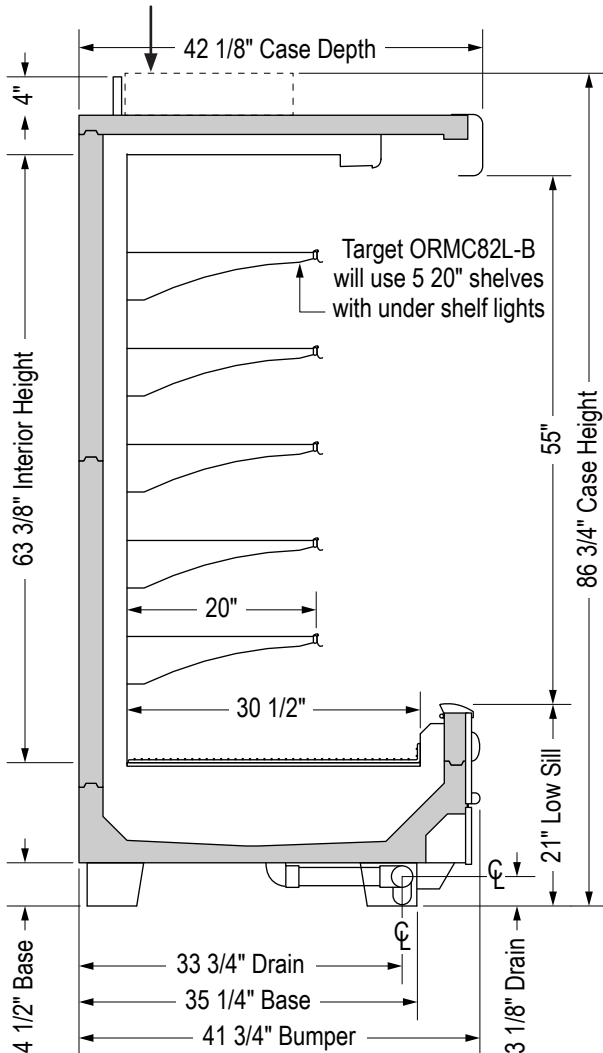


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Top electrical box(es) increase case height up to 4 3/8".



Target ORMC82L-B will use 5 20" shelves with under shelf lights

| Physical Location of Components | |
|---------------------------------|-----------------------|
| Electrical Exit | Top Right |
| Refrigeration Exit | Top Left |
| TXV | Evap Coil, Right Side |
| Discharge Air Sensor | Honeycomb, Center |
| Return Air Sensor | Air Duct, Center |

| Replacement Parts | Zero Zone Part Numbers |
|-------------------------|---|
| 20" Shelf and Bracket | 55-0521-P1 (4'), 55-0553-P1 (3'), and 55-0443-P1 (bracket) |
| Price Tag Molding (PTM) | 72-0108-12-P1 and -13-P1, 34-0371-4-P1, -6-P1, -8-P1 and -12-P1 |
| Evap Fan Motor | 63-0622 |
| Evap Fan Motor Blade | 63-0499 |
| Evap Fan Motor Bracket | 18-0262 |
| LED Light Stick | TBD |
| LED Light Driver | TBD |
| Honeycomb | 70-1014-P1 |

CSS-180-D

Specifications are subject to change without notice. All dimensions are nominal. Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower. Reveal Merchandiser® is a registered trademark of Zero Zone, Inc. in the United States.

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