



# Target Highlight Merchandiser® RHMC30 Specs

Medium Temp Reach-Ins with 30" x 68" CoolView® Envision® Doors

## Refrigeration Data

| Refrigeration                                     | Lineup Data  | Individual Case Data (Includes 1 Pair of End Panels) |        |        |        |
|---|--------------|--|--------|--------|--------|
|   | Per Door Avg | 2-Door   | 3-Door | 4-Door | 5-Door |
| Evaporator Temperature (°F) <sup>1</sup>          | 28           | 28   | 28     | 28     | 28     |
| Baseline Btu/h <sup>2</sup>                       | 440          | 990  | 1,430  | 1,870  | 2,310  |
| Discharge Air Temperature (°F) (w/ 8°F Superheat) | 33           | 33   | 33     | 33     | 33     |
| Return Air Temperature                            | 36           | 36   | 36     | 36     | 36     |

## Electrical & Energy Data <sup>3, 4, 5</sup>

| Single Point Connection <sup>6, 7</sup> | Individual Case Data (Includes 1 Pair of End Panels) |        |        |        |
|---|--|--------|--------|--------|
|   | 2-Door   | 3-Door | 4-Door | 5-Door |
| MOCP (amps) <sup>8</sup>                | 15   | 15     | 15     | 15     |
| MCA (amps) <sup>9</sup>                 | 2.1  | 3.4    | 4.2    | 5.5    |

## Physical Data

| Refrigeration Piping: R-407A, R-448A, R-449A          | Outlet Size (in.) |        |        |        |        |
|---|-------------------|--------|--------|--------|--------|
|   | 2-Door            | 3-Door | 4-Door | 5-Door |        |
| Suction Line O.D. (Top Refrigeration Exit)            | 3/8               | 3/8    | 1/2    | 1/2    |        |
| Liquid Line O.D.                                      | 1/4               | 1/4    | 3/8    | 3/8    |        |
| Refrigeration Piping: CO <sub>2</sub>                 | 2-Door            | 3-Door | 4-Door | 5-Door |        |
| Suction Line O.D. (Top Refrigeration Exit)            | 3/8               | 3/8    | 3/8    | 3/8    |        |
| Liquid Line O.D.                                      | 1/4               | 1/4    | 1/4    | 1/4    |        |
| Evaporator Coil                                       | 2-Door            | 3-Door | 4-Door | 5-Door |        |
| Fin Spacing (per in.)                                 | 5                 | 5      | 5      | 5      |        |
| Tube Diameter (in.)                                   | 3/8               | 3/8    | 3/8    | 3/8    |        |
| Case Calculations                                     | Solid End Panel   | 2-Door | 3-Door | 4-Door | 5-Door |
| Facings (ft. <sup>2</sup> )                           | N/A               | 27.3   | 40.9   | 54.5   | 68.2   |
| Packout (ft. <sup>3</sup> ) 22" Shelves <sup>10</sup> | N/A               | 50.0   | 75.0   | 100.0  | 125.0  |
| Weight (lbs.)   | 30                | 720    | 970    | 1,280  | 1,585  |

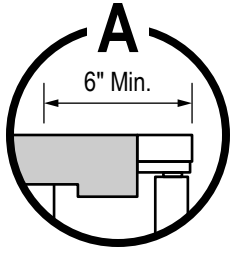
### Notes:

- 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, LED lighting (Zero Zone ChillBrite® 4190), no-energy doors (Zero Zone CoolView® Envision®), and ECM or SSC electronic fan motors.
- One fan motor per door.
- Door (Anti-Sweat): no-energy = heated rails and mullions.
- A 3-prong round pin receptacle is provided for auxiliary ventilation fan kit.
- Electrical data based on LED lighting (Zero Zone ChillBrite® 4190), standard-energy doors (Zero Zone CoolView® Envision®), ECM or SSC electronic fan motors, and auxiliary ventilation fan kits. Contact Zero Zone for data without ventilation fans.
- 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.
- Maximum shelf capacity = 250 lbs.

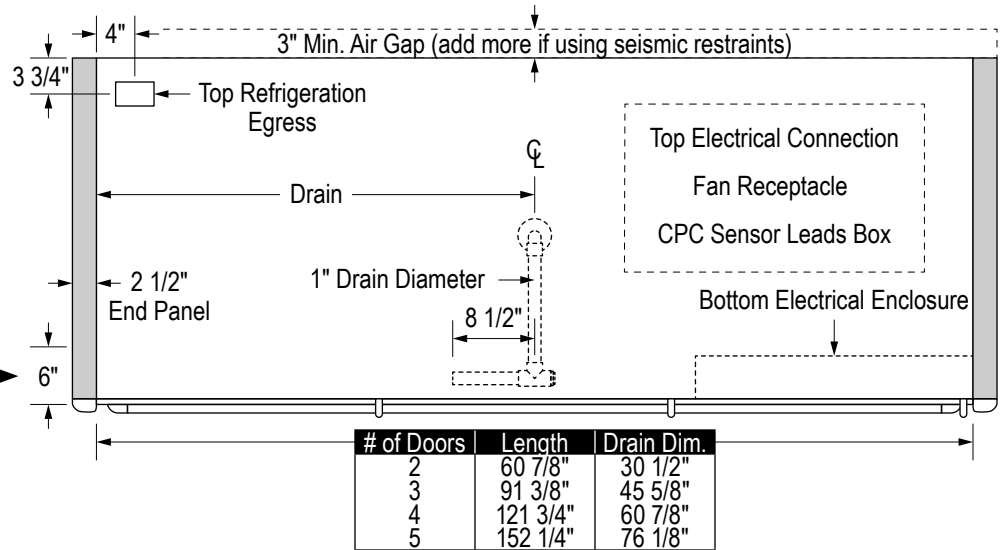


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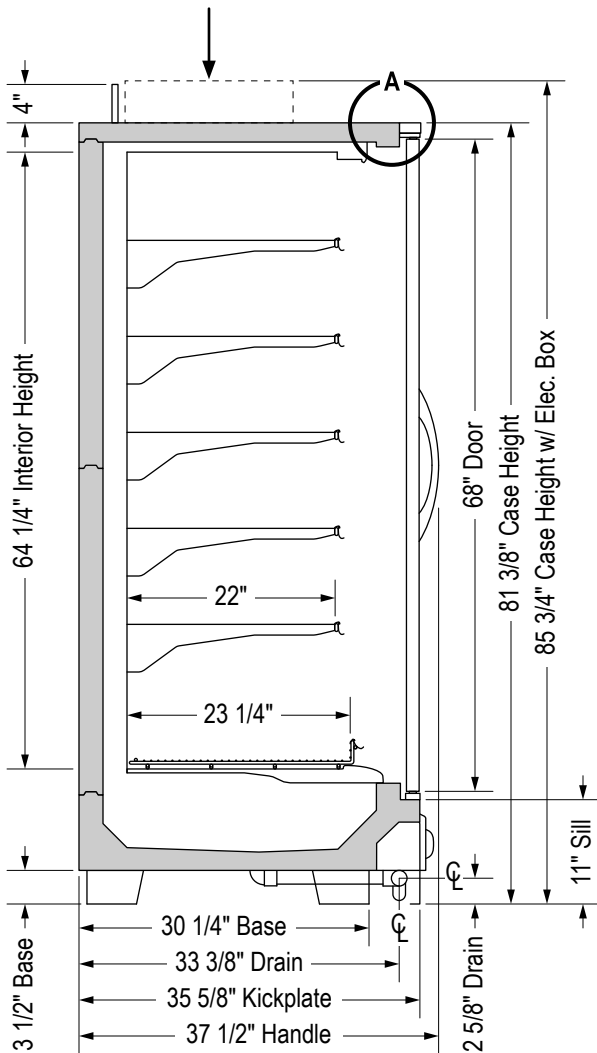
Medium Temp Reach-Ins with 30" x 68" CoolView® Envision® Doors



Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



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



| 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 Number   |
|-------------------------|-------------------------|
| 22" Shelf and Bracket   | 55-0622-04P1            |
| Price Tag Molding (PTM) | 72-0108-50P1            |
| Evap Fan Motor          | 63-0622                 |
| Evap Fan Motor Blade    | 63-0006                 |
| Evap Fan Motor Bracket  | 18-0262                 |
| LED Light Stick         | 75-4190-01x (R, L or C) |
| LED Light Driver        | 75-4027 or 75-4028      |
| Honeycomb               | 70-0582-P1              |

CSS-151-C

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.

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