

Highlight Merchandiser® RHCC24 Remote Specs

Medium Temp French Door Reach-In Remote Display Cases

2-Door 3-Door, 4-Door, and 6-Door Cases

Applications



Beverage



Dairy



Deli



Produce



Meat

Quick Specs

Energy (Btu/h per Door)*

Standard: 350 at 28°F Evaporator

*when used with parallel rack systems

Merchandising (6-Door)

Facings: 64.5 ft²

Packout: 127.2 ft³ with 30" x 24" deep shelves

Features & Options

Go Green

Remote cases ready for CO₂. 90-bar rating available.

High Humidity

Control climate challenges with our advanced humidity package

CoolView® Doors

24" wide x 68" tall CoolView® Ultra® Doors

LED Lighting

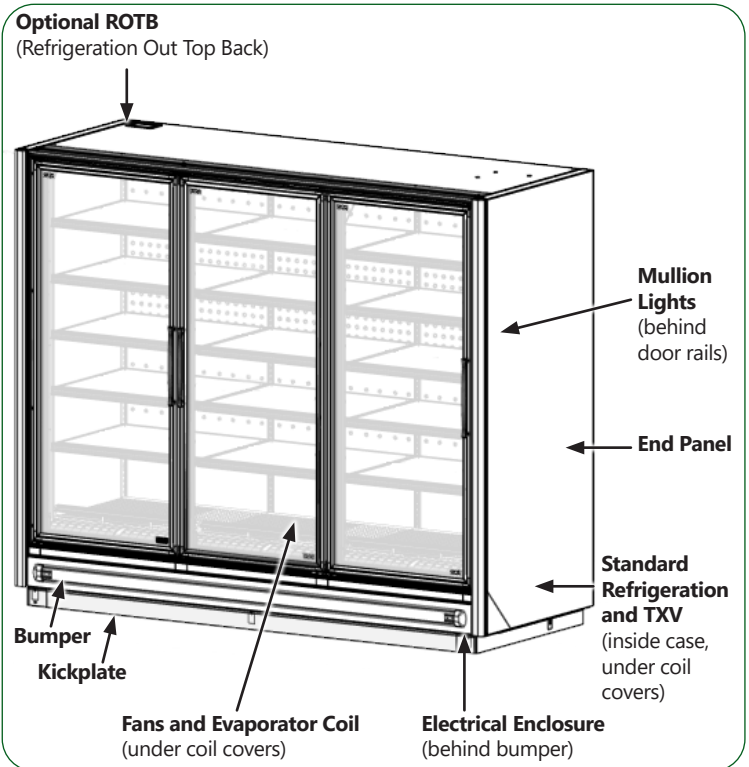
ChillBrite® 4000K LED Lighting

Additional Models

The Highlight® medium temp lineup offers a standard, tall and back-to-back case.

Hybrid™ Display Case

Available as Hybrid™ cases. See separate spec sheet.



Manuals and Instructions:
<https://www.zero-zone.com/rhmc-rhlc>



Contact Us:

800-247-4496

www.zero-zone.com

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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Refrigeration Data



Set Points	°F
Evaporator Temperature ¹	28
Discharge Air Temperature (w/ 8°F Superheat)	33

Notes:

- For high-glide refrigerants, use dew point for unit sizing. Adjust evaporator pressure as needed to maintain discharge air temperatures.



Energy Use with Parallel Rack System ²	Lineup Data	Individual Case Data (includes 1 pair of end panels)			
	Per Door Avg	2-Door	3-Door	4-Door	6-Door
RHCC24 Baseline Btu/h	350	700	1,050	1,400	2,100
Energy Use with Condensing Unit ²	Per Door Avg	2-Door	3-Door	4-Door	6-Door
RHCC24 Baseline Btu/h	380	755	1,135	1,510	2,270
Additional Features	Per Case Avg				
Glass Windowed End Panel (1-Pair)	+175				

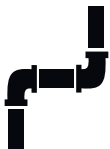
Notes:

- Baseline Evaporator Btu/h based on LED lighting (Zero Zone ChillBrite® 4000K), standard-energy doors (Zero Zone CoolView® Ultra®), and ECM or SSC electronic fan motors.

Glycol Data ⁴	2-Door	3-Door	4-Door	6-Door
Flow Rate (GPM)	0.7	1.1	1.5	2.4
Pressure Drop (PSIG)	2.0	3.8	6.3	3.7

Notes:

- All glycol data based on 35% Polyethylene Glycol by weight, 20°F Supply Temperature, and 24°-26°F Outlet Temperature.



Refrigeration Piping: R-404A & R-448A	Outlet Size (in.)			
	2-Door	3-Door	4-Door	6-Door
Suction Line O.D. (Top Refrigeration Exit)	3/8	3/8	3/8	1/2
Liquid Line O.D.	1/4	1/4	1/4	3/8



Electrical & Energy Data ⁵



	Per Door Avg		2-Door		3-Door		4-Door		6-Door	
Number of Fans			2		3		3		5	
Fan Motors (115V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High-Efficiency Electronic (ECM or SSC)	0.42	9	0.84	17	1.26	26	1.26	26	2.1	52
Lighting System (120V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Same-Swing Doors (Fig. 1: Options A & B)	0.15	18	0.31	36	0.46	54	0.62	72	0.93	108
French-Swing Doors (Fig.1: Options C, D, E, F for 3-Door)	0.18	21	0.36	42	0.48	56	0.72	84	1.08	126
Anti-Sweat Heat (115V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
No-Energy, Same-Swing Doors	0.16	18	0.31	36	0.47	54	0.63	72	0.94	108
No-Energy, French-Swing Doors	0.11	13	0.22	26	0.38	44	0.44	52	0.66	78

Notes:

5. Amps are based on electrical nameplate values. Watts are based on laboratory observations of actual energy use.

Physical Data

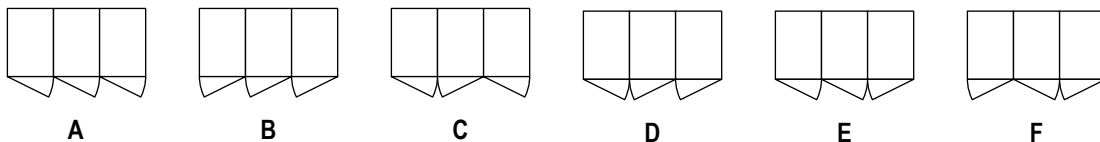


Merchandising	2-Door	3-Door	4-Door	6-Door
Facings (ft. ²)	21.8	32.5	43.1	64.5
Packout (ft. ³) 22" Shelves	40.0	59.5	79.0	118.3
Packout (ft. ³) 24" Shelves	43.1	64.0	85.0	127.2
Shipping Weight without End Panels	2-Door	3-Door	4-Door	6-Door
RHCC24 Weight (lbs.)	605	850	975	1,550
Shipping Weight with Solid End Panels ⁶	2-Door	3-Door	4-Door	6-Door
RHCC24 Weight (lbs.)	665	910	1,035	1,610
Shipping Weight with Windowed End Panels ⁶	2-Door	3-Door	4-Door	6-Door
RHCC24 Weight (lbs.)	715	960	1,085	1,660

Notes:

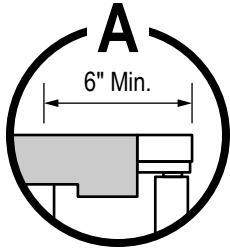
6. Each solid end panel: 30 lbs for RHCC24. Each windowed end panel: 55lbs for RHCC24

FIG. 1: 3-Door Swing Configuration Options

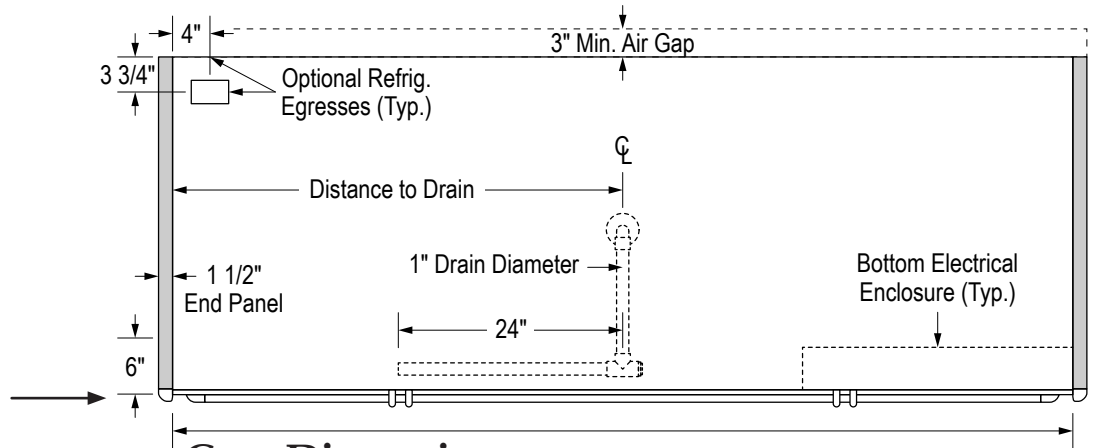




RHCC24 Top View



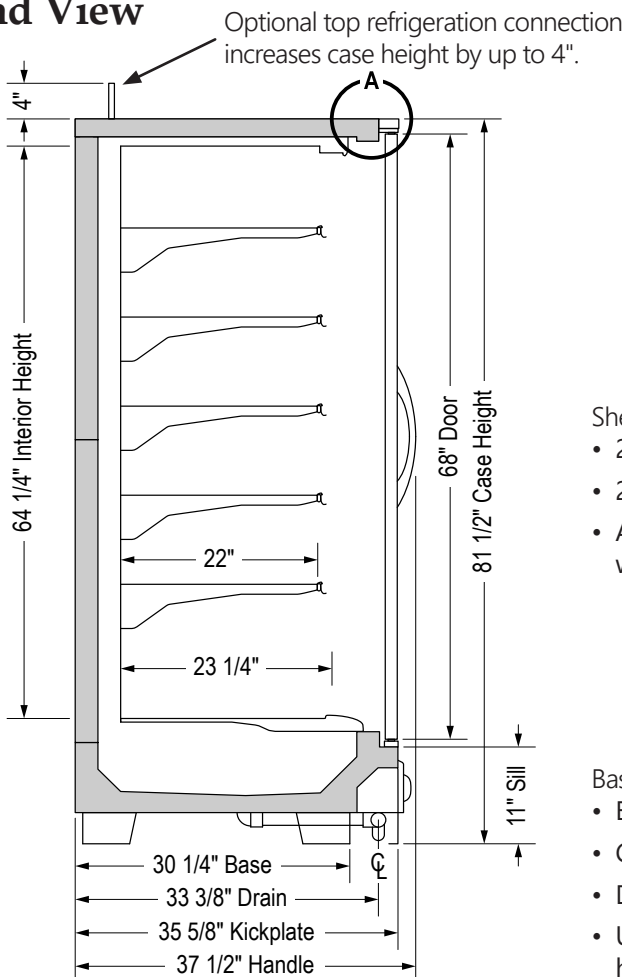
Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



Case Dimensions

Measurements	2-Door	3-Door	4-Door	6-Door
Case Length (in.) without End Panels	48 3/4	72 1/2	96 1/4	144
Case Length (in.) with End Panels	51 3/4	75 1/2	199 1/4	147
Distance to Drain (in.)	24 3/8	36 1/4	48 1/8	71 7/8

RHCC24 End View



Shelf Notes:

- 22" or 24" deep shelves.
- 2-position (0°, 10°) or 4-position (0°, 5°, 10°, 15°) shelves
- Available with 6" tall bottom baskets instead of bottom wire racks.

Base Notes:

- Base height options available: 1 3/4", 3 1/2", or 6 1/2".
- Changing bases affects case height and shipping height.
- Drain height from the floor: 2 5/8" with 3 1/2" base.
- Use 1 3/4" tall bases to fit through 80" doorways (shipping height = 79 5/8"). These bases must use hat channel rails.