



### Refrigeration Data

Refrigeration	Lineup Data	Individual Case Data (Includes 1 Pair of End Panels)			
	Per Door Avg	2-Door	3-Door	4-Door	6-Door
Evaporator Temperature (°F) <sup>1</sup>	28	28	28	28	28
Baseline Btu/h <sup>2,3</sup>	350	700	1,050	1,400	2,100
Discharge Air Temperature (°F) (w/ 8°F Superheat)	33	33	33	33	33
Btu/h Adders	Btu/h				
Optional Glass Windowed End Panel (Each) <sup>4</sup>	175				

Glycol Data <sup>5</sup>	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

### Electrical & Energy Data <sup>6</sup>

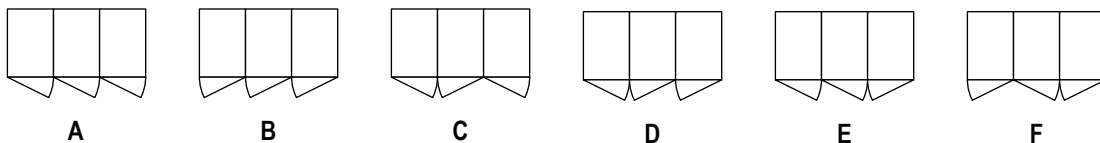
Electrical & Energy Data <sup>6</sup>	Lineup Data		Individual Case Data (Includes 1 Pair of End Panels)							
	Per Door Avg		2-Door		3-Door		4-Door		6-Door	
Fan Motors (115V) <sup>7</sup>	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High Efficiency Electronic (ECM or SSC)	0.30	9	0.60	17	0.90	26	0.90	26	1.50	52
Lighting System (120V) (Zero Zone ChillBrite 5)	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) (Zero Zone CoolView Ultra) <sup>8</sup>	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

### Physical Data

Refrigeration Piping	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

Case Calculations	Solid End Panel	Windowed End	2-Door	3-Door	4-Door	6-Door
Facings (ft. <sup>2</sup> )	N/A	N/A	21.8	32.5	43.1	64.5
Packout (ft. <sup>3</sup> ) 22" Shelves	N/A	N/A	40.0	59.5	79.0	118.3
Packout (ft. <sup>3</sup> ) 24" Shelves	N/A	N/A	43.1	64.0	85.0	127.2
Weight (lbs.)	30	55	605	850	975	1,550

FIG. 1: 3-Door Swing Configuration Options



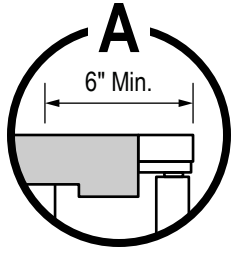
**Notes:**

- 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™), no-energy French-swing doors (Zero Zone CoolView® Ultra™), and ECM or SSC electronic fan motors.
- For condensing units (non-rack system), multiply total Btu/h rating by 1.08.
- Glass windowed end panels only available with 2 1/2" end panels.
- All glycol data based on 35% propylene glycol by weight, 20°F supply temperature, and 24°-26°F outlet temperature.
- Amps are based on electrical nameplate values; watts are based on laboratory observations of actual energy use.
- 2-Door and 3-Door use one fan motor per door. 4-Door uses three fan motors. 6-Door uses five fan motors.
- Door (Anti-Sweat) Option: no-energy = no-heat glass and no-heat rails. All door options include mullion heat.

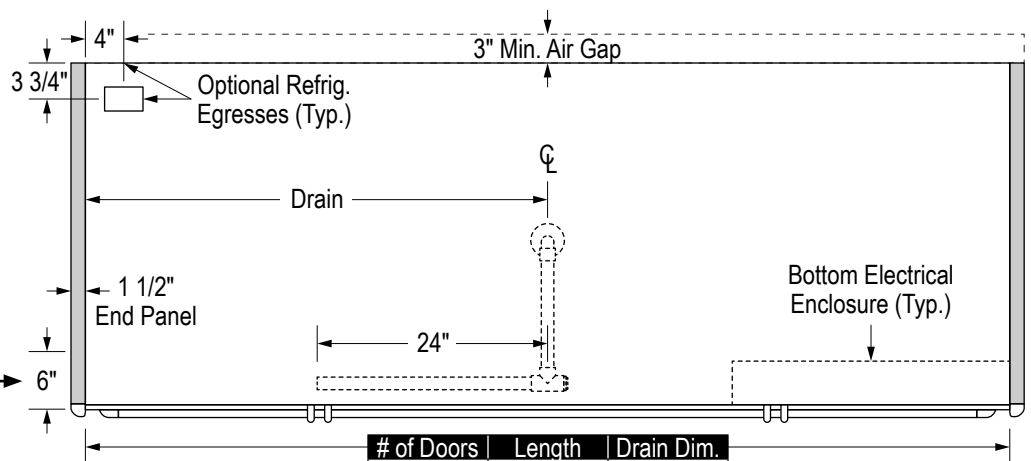


# Highlight Merchandiser® RHCC24 Specs

Medium Temp French Door Reach-Ins with 24" x 68" CoolView® Ultra® Doors

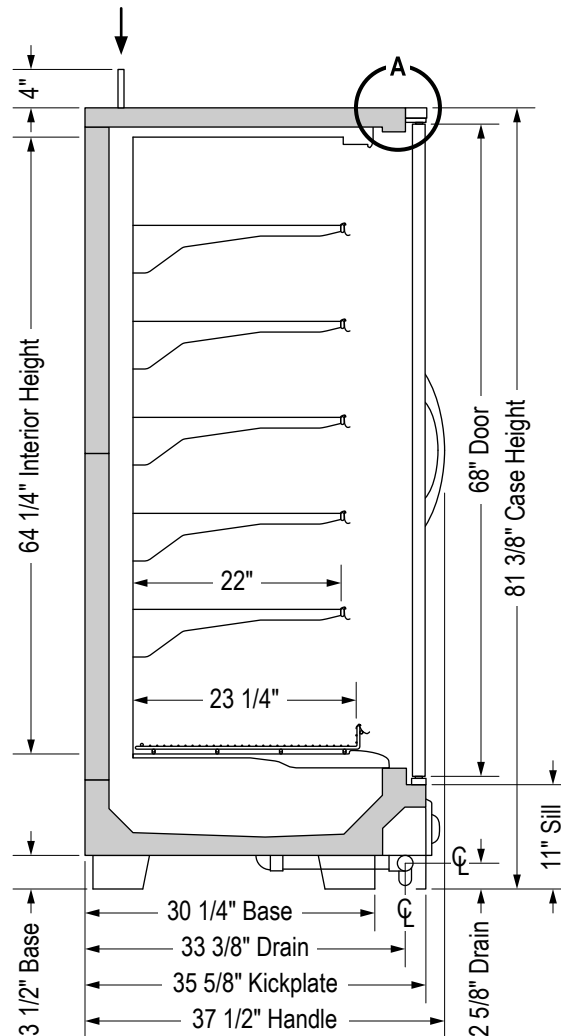


Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



# of Doors	Length	Drain Dim.
2	48 3/4"	24 3/8"
3	72 1/2"	36 1/4"
4	96 1/4"	48 1/8"
6	144"	71 7/8"

Optional top refrigeration connection increases case height by up to 4".



SS-59-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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