



# Crystal™ Merchandiser RVLC30IM Specs

Low Temp Reach-In Ice Merchandisers with 30" x 74" Doors

**Note:** All Zero Zone display cases manufactured for shipment within the U.S. meet or exceed current DOE energy requirements.

## ENERGY DATA

Refrigeration	
(see note #1 for components included in baseline Btuh)	
Evaporator Temperature (°F)	
Baseline Btuh <sup>1,2</sup>	
Discharge Air Temp. (°F) (w/ 8°F Superheat)	
Btuh Adders	
LED Lighting (Zero Zone ChillBrite™ 4) Low Power	
Optional Glass Windowed End Panel (Each)	

## LINEUP DATA

Per Door Avg.	
0	
930	
4	
Btuh	
5	
288	

## INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)

2-Door	3-Door	4-Door	5-Door
0	0	0	0
2,010	2,940	3,870	4,800
4	4	4	4

Fan Motors (115V) <sup>3,4</sup>	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High Efficiency Electronic (SSC/ECM)	0.30	24	0.60	48	0.90	72	1.20	96	1.50	120
Lighting System (120V) (other LED options available)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
LED Lighting (Zero Zone ChillBrite™ 4)	0.16	19	0.32	39	0.48	58	0.63	77	0.79	96
Anti-Sweat Door Heaters (115V) <sup>5</sup>	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Heated Glass Doors (Zero Zone CoolView™)	0.86	99	1.74	200	2.59	298	3.45	396	4.30	494
Defrost Heaters (208V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Defrost Heater <sup>6</sup>	4.00	832	8.00	1,664	12.00	2,496	16.00	3,328	20.00	4,160

### Notes:

1. Baseline Evaporator Btuh based on parallel rack system, LED lighting (Zero Zone ChillBrite™ 4), heated glass doors (Zero Zone CoolView™), and SSC electronic fan motors.
2. For condensing units (non-rack system), multiply total Btuh rating by 1.06.
3. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
4. One fan motor per door.
5. Anti-sweat heater data includes an additional 10 watt heater per door for operating conditions greater than 75/55 (heater is disconnected as a standard from the factory).
6. Electric Defrost: 1 per day, 30 minutes. Failsafe 45 minutes. Refer to the Installation & Operation Manual for details.
7. Hot Gas Defrost: 1 per day, 12 to 22 minutes. Failsafe 30 minutes. Refer to the Installation & Operation Manual for details.

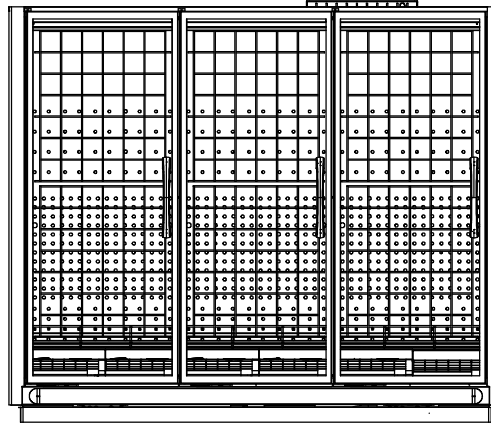
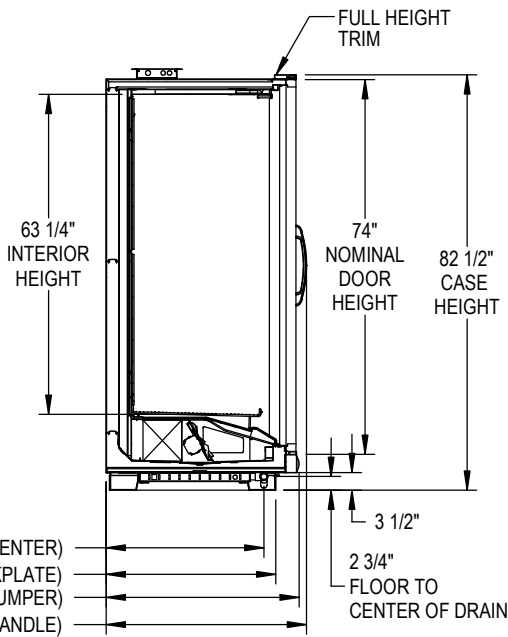
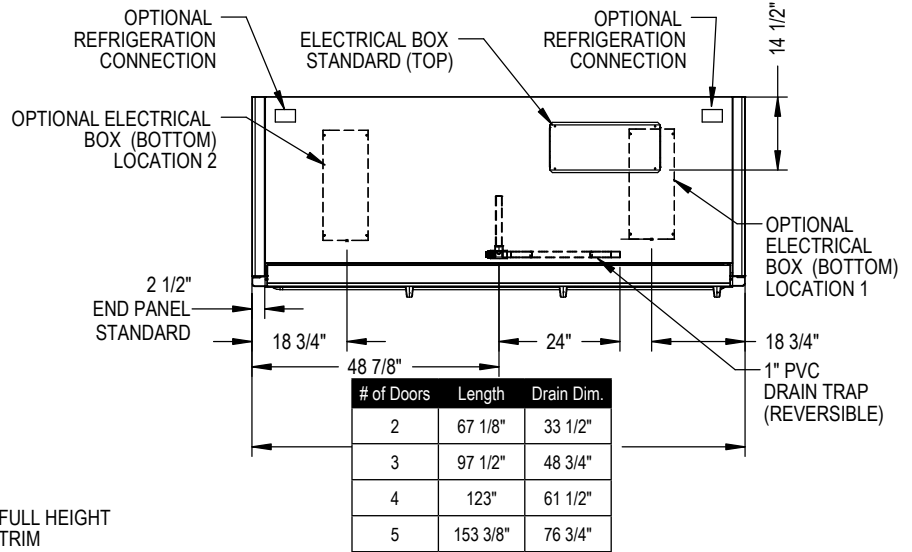
## PHYSICAL DATA

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)	Facings (ft. <sup>2</sup> )	Case Capacity	
					Packout (ft. <sup>3</sup> )	22"/24" Shelves
2 to 5-Door Suction Line O.D. (Std. Refrig. Exit)	7/8	2	755	28.4	51.5	55.1
2 to 5-Door Suction Line O.D. (Top Refrig.)	5/8	3	1,055	42.3	76.7	82.1
		4	1,420	56.3	101.9	109.2
2 to 5-Door Liquid Line O.D. (Electric Defrost)	3/8	5	1,800	70.2	127.1	136.1
2 to 5-Door Liquid Line O.D. (Hot Gas Defrost)	1/2	Solid End Panel	30	N/A	N/A	N/A



# Crystal™ Merchandiser RVLC30IM Specs

Low Temp Reach-In Ice Merchandisers with 30" x 74" Doors



SP-6104 REV. A

- Door size: 30" x 74".
- All dimensions are nominal.
- Top refrigeration connections increase case height by up to 4".
- End Panels and Insulated Dividers = 2 1/2".

9/11/17

Specifications are subject to change without notice.  
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.

**CRYSTAL**  
MERCHANDISER

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