



# Crystal™ Merchandiser RVMC30DRL Deep Rear Load Specs

Medium Temp Deep Rear Load Reach-Ins with 30" x 74" CoolView™ Doors  
 RVMC30DRL-(B,D,P,M): D=Deep, RL=Rear Load-(B=Beverage, D=Dairy/Deli, P=Produce, M=Meat)

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

## ENERGY DATA

Refrigeration <sup>4</sup>	
(see note #1 for components included in baseline Btuh)	
Evaporator Temperature (°F)	28
Baseline Btuh <sup>1,2</sup>	520
Discharge Air Temp. (°F) (w/ 8°F Superheat)	33
Btuh Adders	
Rail Heated Doors	10
Rail and Glass Heated Doors	40
Optional Glass Windowed End Panel (Each)	410

LINEUP DATA	
Per Door Avg.	
Evaporator Temperature (°F)	28
Baseline Btuh <sup>1,2</sup>	520
Discharge Air Temp. (°F) (w/ 8°F Superheat)	33
Btuh	
Rail Heated Doors	10
Rail and Glass Heated Doors	40
Optional Glass Windowed End Panel (Each)	410

INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)				
2-Door	3-Door	4-Door	5-Door	
2RVMC30DRL	3RVMC30DRL	4RVMC30DRL	5RVMC30DRL	
28	28	28	28	
1,140	1,650	2,180	2,690	
33	33	33	33	

Glycol Data *	
Flow Rate (GPM)	0.8
Pressure Drop (PSIG)	3.4

2-Door	3-Door	4-Door	5-Door
0.8	1.0	1.4	1.8
3.4	5.2	6.2	6.1

\* All glycol data based on 35% Propylene Glycol by weight, 20°F Supply Temperature, and 23°-24°F Outlet Temperature.

Fan Motors (115V) <sup>3</sup>	Amps		Watts		Amps		Watts		Amps		Watts	
	High Efficiency Electronic (SSC/ECM)		LED Lighting (Zero Zone ChillBrite™ 4)		Anti-Sweat Door Heaters (115V)		No-Energy Doors (Zero Zone CoolView™)		Rail Heated Doors (Zero Zone CoolView™)		Rail & Glass Heated Doors (Zero Zone CoolView™)	
	0.30	9	0.60	18	0.60	19	0.60	19	0.90	31	0.16	19
	0.16	19	0.32	39	0.48	58	0.63	77	0.79	96	0.00	0
	0.18	21	0.37	42	0.55	63	0.73	84	0.91	105	0.05	6
	0.18	21	0.37	42	0.55	63	0.73	84	0.91	105	0.18	21

**Notes:**

1. Baseline Evaporator Btuh based on parallel rack system, LED Lighting (Zero Zone ChillBrite™ 4), no-energy doors (Zero Zone CoolView™), and SSC/ECM electronic fan motors.
2. For condensing units (non-rack system), multiply total Btuh rating by 1.08.
3. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
4. Crystal™ Merchandiser Rear Load cases must be installed in front of the opening in a walk-in cooler.

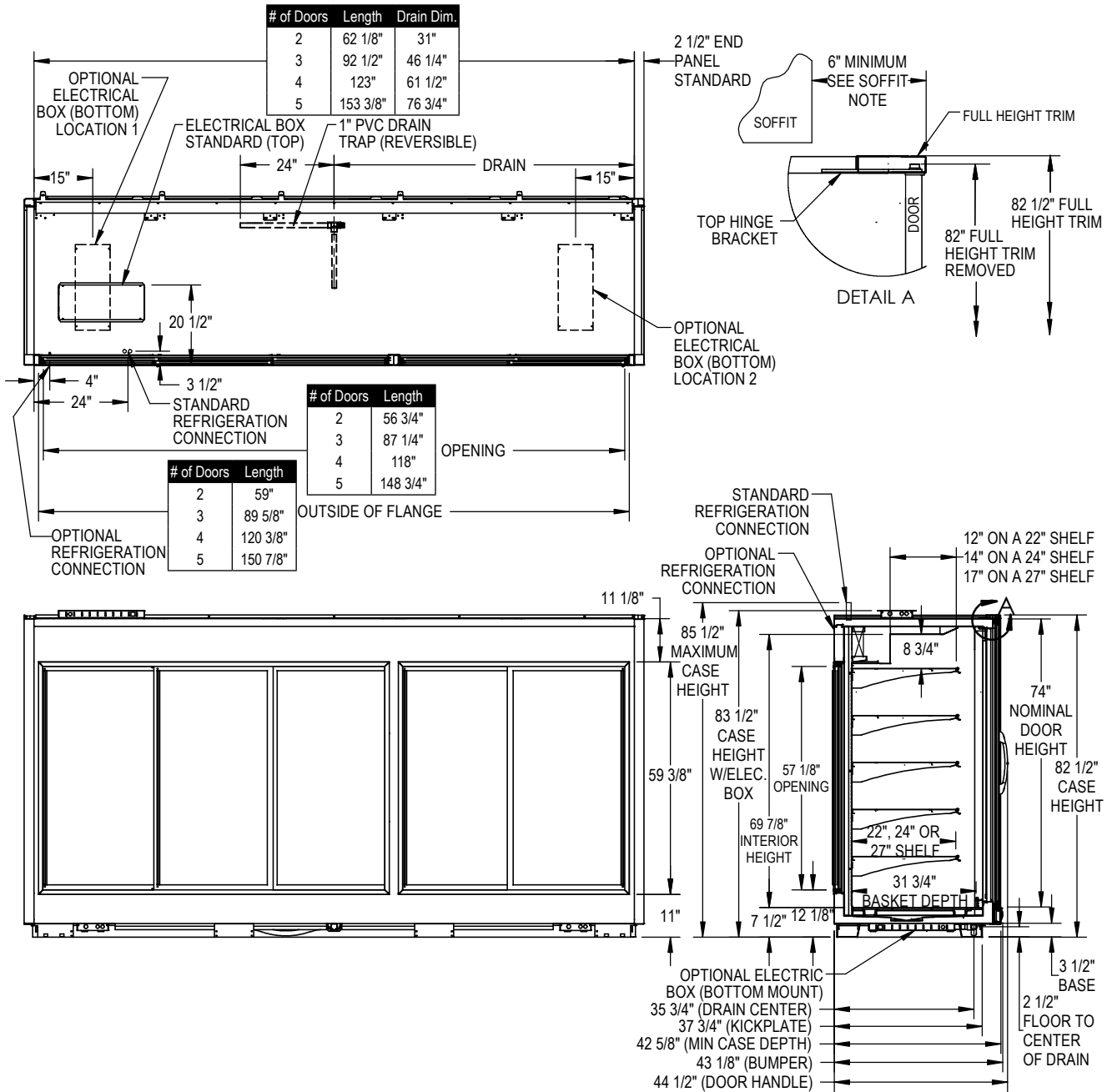
## PHYSICAL DATA

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)	Facings (ft. <sup>2</sup> )	Case Capacity	
					Packout (ft. <sup>3</sup> )	24"/27" Shelves
2 or 3-Door Suction Line O.D. (Top Refrig.)	3/8	2	913	30.1	59.4	67.8
4 or 5-Door Suction Line O.D. (Top Refrig.)	1/2	3	1,034	44.9	88.5	101.0
Liquid Line O.D.	3/8	4	1,155	59.7	117.6	134.3
		5	1,277	74.4	146.8	167.5
		Solid End Panel	31	N/A	N/A	N/A



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SP-0827 REV C

- Door size: 30" x 74".
- All dimensions are nominal.
- Peg, gravity-feed, and other merchandising options available.
- Building soffits must be set back 6" from the front of the doors to allow for access to door hinges on the top of the case.
- Rear Load cases must be installed in front of the opening in a walk-in cooler.

3/12/18

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.



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