



Crystal™ Merchandiser RVMC30RL Rear Load Specs

Medium Temp Rear Load Reach-Ins with 30" x 74" CoolView™ Doors
 RVMC30RL-(B,D,P,M): 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 ⁴	
(see note #1 for components included in baseline Btuh)	
Evaporator Temperature (°F)	
Baseline Btuh ^{1,2}	
Discharge Air Temp. (°F) (w/ 8°F Superheat)	
Btuh Adders	
Rail Heated Doors	
Rail & Glass Heated Doors	
Optional Glass Windowed End Panel (Each)	

LINEUP DATA	
Per Door Avg.	
28	
490	
33	
Btuh	
10	
40	
410	

INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)				
2-Door 2RVMC30RL	3-Door 3RVMC30RL	4-Door 4RVMC30RL	5-Door 5RVMC30RL	
28	28	28	28	
1,110	1,570	2,050	2,560	
33	33	33	33	

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

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) ³	Amps		Watts		Amps		Watts		Amps		Watts	
High Efficiency Electronic (SSC/ECM)	0.30	9	0.60	18	0.60	19	0.60	19	0.90	31		
Lighting System (120V)	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)	Amps		Watts		Amps		Watts		Amps		Watts	
No-Energy Doors (Zero Zone CoolView™)	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0		
Rail Heated Doors (Zero Zone CoolView™)	0.05	6	0.10	12	0.16	18	0.21	24	0.26	30		
Rail & Glass Heated Doors (Zero Zone CoolView™)	0.18	21	0.37	42	0.55	63	0.73	84	0.91	105		

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.

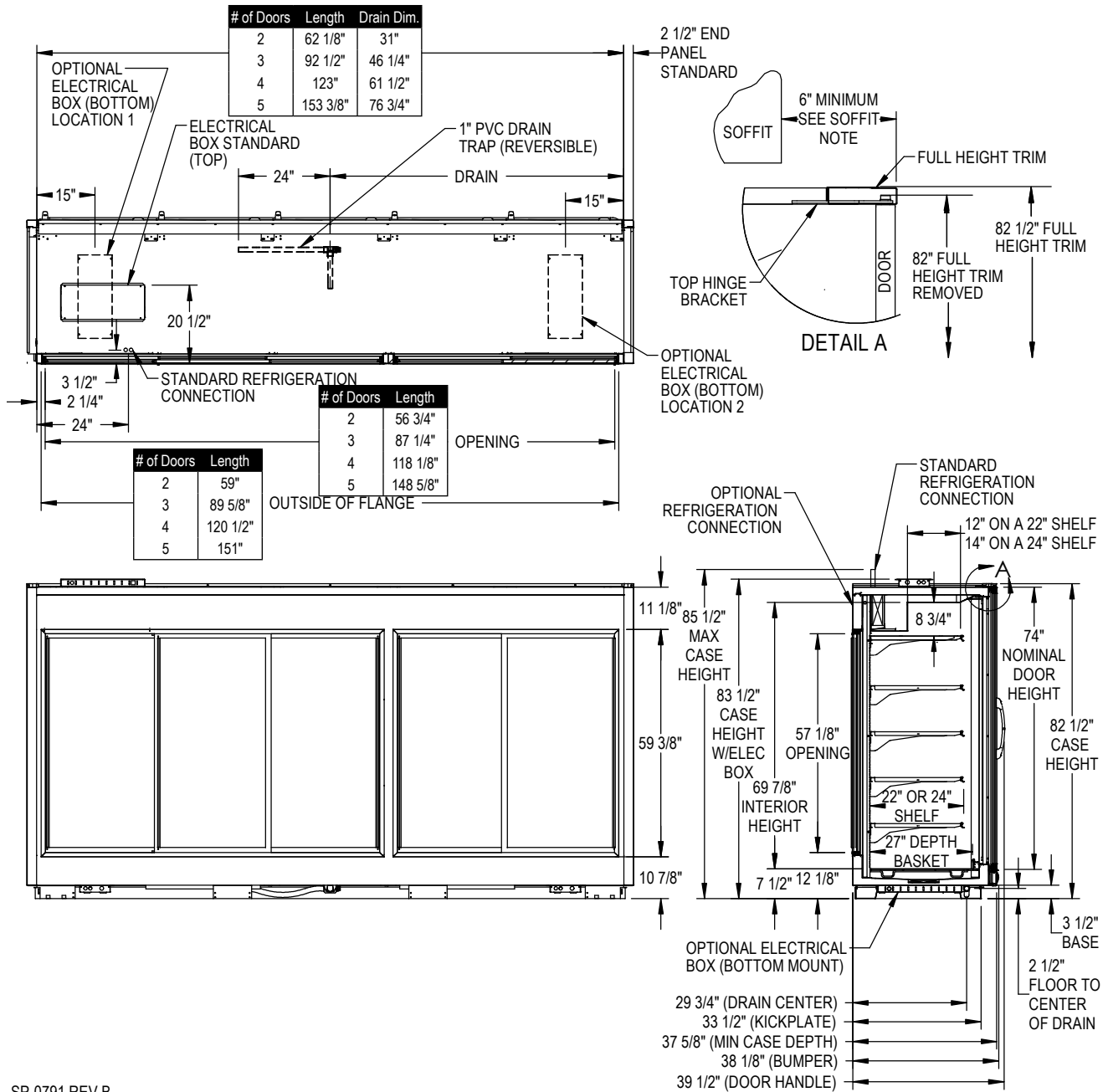
PHYSICAL DATA

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)	Facings (ft. ²)	Case Capacity	
					Packout (ft. ³)	22"/24" Shelves
2 or 3-Door Suction Line O.D. (Top Refrig.)	3/8	2	903	30.1	55.2	59.3
4 or 5-Door Suction Line O.D. (Top Refrig.)	1/2	3	1,020	44.9	82.3	88.5
Liquid Line O.D.	3/8	4	1,137	59.7	109.3	117.6
		5	1,254	74.4	136.4	146.8
		Solid End Panel	30	N/A	N/A	N/A



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SP-0791 REV B

- 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.

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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