



# Crystal Merchandiser® RVMC30 Hybrid™ Specs

Medium Temp Hybrid™ Reach-Ins with 30" x 74" CoolView® Ultra™ Doors

## R-404A Refrigerant

## R-448A Refrigerant

### Standard Package

Refrigeration Data	
Refrigerant Charge (lbs.) <sup>1</sup>	
Zero Zone Condensing Unit #	
Condensing Unit Crated Weight (lbs.)	
Electrical & Energy Data <sup>2,3,4</sup>	
MOCP (amps) <sup>5</sup>	
MCA (amps) <sup>6</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>7</sup>	
Electrical & Energy Data <sup>2,3,4</sup>	
MOCP (amps) <sup>5</sup>	
MCA (amps) <sup>6</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>7</sup>	

2-Door	3-Door	4-Door	5-Door
4.0	4.5	6.0	6.2
69-10221	69-10324	69-10324	69-10045
69	66	66	120
With Condensate Removal System			
15	15	15	15
7.7	12.7	12.8	14.5
7.8	8.8	11.4	15.2
1,115	1,255	1,625	2,168
Without Condensate Removal System			
15	15	15	15
7.7	6.7	6.8	8.5
7.6	8.5	11.0	14.7
1,087	1,212	1,568	2,096

2-Door	3-Door	4-Door	5-Door
4.0	4.5	6.0	6.2
69-10222	69-10235	69-10235	69-10237
69	66	66	120
With Condensate Removal System			
15	15	15	15
7.7	12.7	12.8	14.5
7.2	8.2	10.5	14.1
1,025	1,159	1,499	2,009
Without Condensate Removal System			
15	15	15	15
7.7	6.7	6.8	8.5
7.0	7.8	10.1	13.6
997	1,116	1,442	1,938

### High Humidity Package<sup>8</sup>

Refrigeration Data	
Refrigerant Charge (lbs.) <sup>1</sup>	
Zero Zone Condensing Unit #	
Condensing Unit Crated Weight (lbs.)	
Electrical & Energy Data <sup>3,4,9</sup>	
MOCP (amps) <sup>5</sup>	
MCA (amps) <sup>6</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>7</sup>	
Electrical & Energy Data <sup>3,4,9</sup>	
MOCP (amps) <sup>5</sup>	
MCA (amps) <sup>6</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>7</sup>	

2-Door	3-Door	4-Door	5-Door
4.0	4.5	6.0	6.2
69-10221	69-10324	69-10045	69-10236
69	66	120	150
With Condensate Removal System			
15	15	15	25
7.8	8.2	14.8	22.6
10.0	10.6	15.8	25.3
1,426	1,507	2,251	3,594
Without Condensate Removal System			
15	15	15	20
7.7	5.6	8.8	16.6
9.8	10.3	15.4	24.8
1,397	1,464	2,194	3,523

2-Door	3-Door	4-Door	5-Door
4.0	4.5	6.0	6.7
69-10222	69-10235	69-10237	69-10232
69	66	120	150
With Condensate Removal System			
15	15	15	20
15.0	13.3	14.8	16.5
9.1	10.6	13.2	17.4
1,287	1,507	1,881	2,468
Without Condensate Removal System			
15	15	15	15
9.0	7.3	8.8	10.5
8.9	10.3	12.8	16.9
1,259	1,464	1,824	2,397

### Physical Data

Case Calculations	
Facings (ft. <sup>2</sup> )	
Packout (ft. <sup>3</sup> ) 22" Shelves	
Weight (lbs.) <sup>10</sup>	

2-Door	3-Door	4-Door	5-Door
30.1	44.9	59.7	74.4
55.2	82.3	109.3	136.4
913	1,034	1,155	1,277

2-Door	3-Door	4-Door	5-Door
30.1	44.9	59.7	74.4
55.2	82.3	109.3	136.4
913	1,034	1,155	1,277

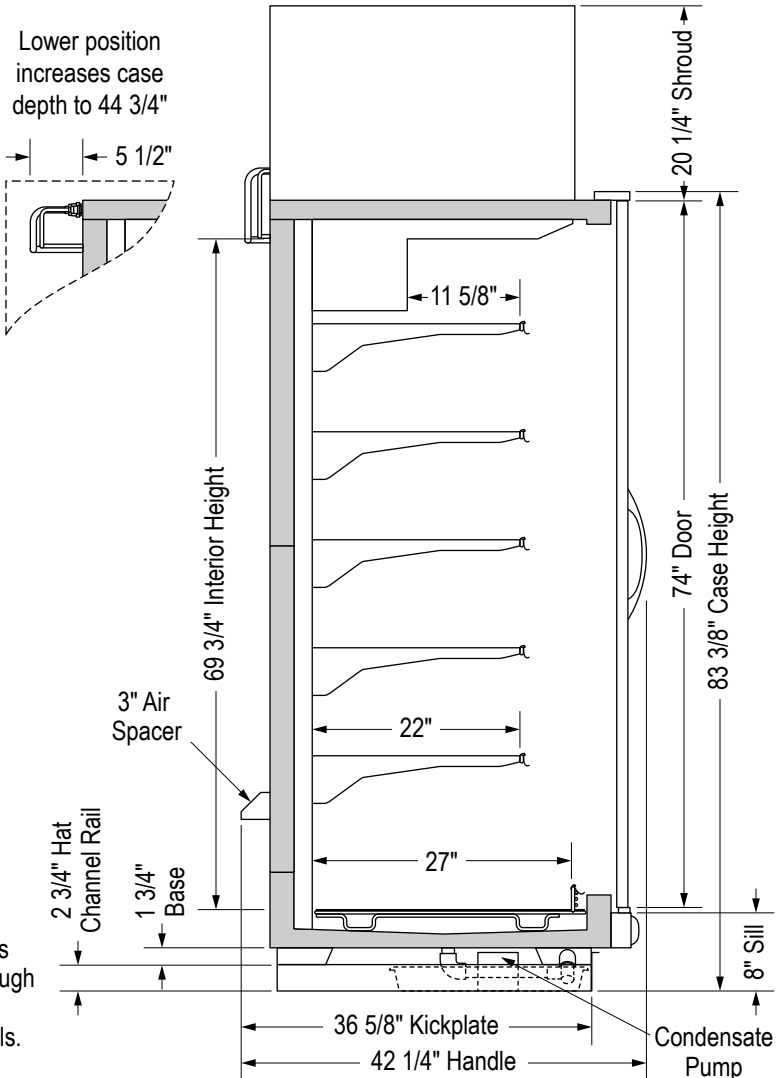
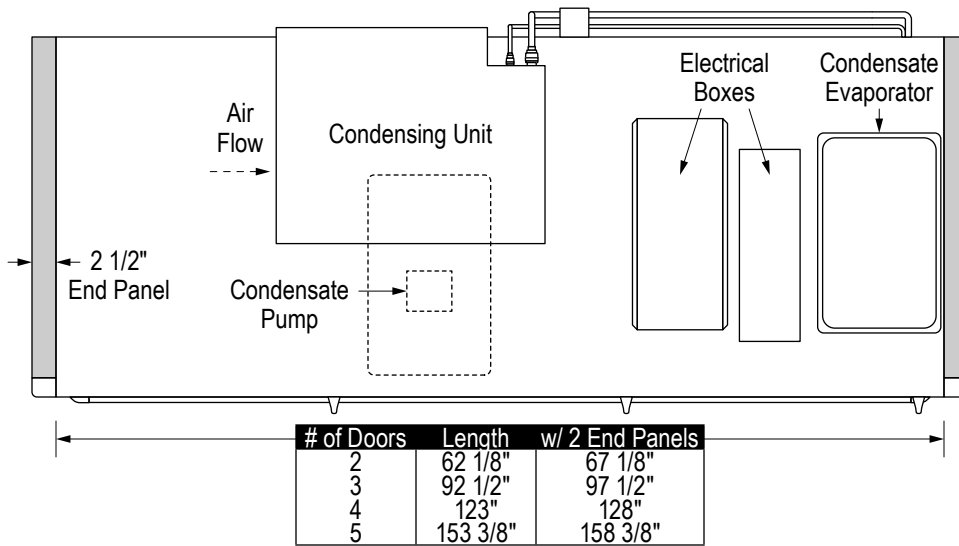
**Notes:**

- Refrigerant charge includes combined condensing unit and case charges.
- Data based on Zero Zone ChillBrite® 4 LED lighting, Zero Zone CoolView® Ultra™ doors, and SSC electronic fan motors. See separate reach-in case spec sheets for more details.
- 208V 4-wire service; 115/208V-1PH-60HZ; red & black power, white neutral, green ground. Buck/boost transformer available for low voltage conditions.
- Optional main service disconnect is available upon request.
- MOCP = Maximum over-current protection.
- MCA = Minimum current amps.
- Adequate ventilation must be provided to dissipate rejected heat from the top of the unit for proper performance. Clearance of less than 30" above the top of the shroud to the ceiling requires special design considerations. See Zero Zone Hybrid™ Installation & Operation Manual for specific details.
- High Humidity Package includes high-wattage anti-sweat components that prevent condensation on doors and components in ambient conditions up to 85°F and relative humidity of 70%. An anti-sweat controller is required for DOE compliance.
- Data based on Zero Zone ChillBrite® 4 LED lighting, Zero Zone CoolView® Ultra™ doors with heated glass and rails, and SSC electronic fan motors.
- Does not include weight of condensing unit. Weights include 2 end panels at 35 lbs. per pair.



# Crystal Merchandiser® RVMC30 Hybrid™ Specs

Medium Temp Hybrid™ Reach-Ins with 30" x 74" CoolView® Ultra™ Doors



Optional base configurations are available to fit case through doorways as low as 80". Consult the factory for details.

SS-81-E

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. See separate remote case spec sheets for additional details.

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