



# Highlight Merchandiser® RHMC30 Hybrid™ Specs

Medium Temp Hybrid™ Reach-Ins with 30" x 68" CoolView® Envision® Doors

## 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, 7</sup>	
MCA (amps) <sup>6, 7</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>8</sup>	
Electrical & Energy Data <sup>2, 3, 4</sup>	
MOCP (amps) <sup>5, 7</sup>	
MCA (amps) <sup>6, 7</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>8</sup>	

R-404A Refrigerant				
2-Door	3-Door	4-Door	5-Door	
3.0	4.0	5.1	6.2	
69-10042	69-10221	69-10324	69-10324	
61	69	66	66	
With Condensate Removal System				
15	15	15	15	
7.7	8.5	14.2	14.8	
7.1	11.7	12.8	15.9	
1,013	1,667	1,821	2,261	
Without Condensate Removal System				
15	15	15	15	
5.7	7.7	8.2	8.8	
6.9	11.4	12.4	15.4	
984	1,624	1,763	2,190	

R-448A Refrigerant				
2-Door	3-Door	4-Door	5-Door	
3.0	4.0	5.1	6.2	
69-9933	69-10222	69-10235	69-10237	
61	69	66	120	
With Condensate Removal System				
15	15	15	20	
7.7	8.5	14.2	16.0	
6.6	10.9	12.0	15.6	
937	1,551	1,706	2,222	
Without Condensate Removal System				
15	15	15	15	
5.7	7.7	8.2	10.0	
6.4	10.6	11.6	15.1	
908	1,508	1,649	2,150	

## High-Humidity Package<sup>9</sup>

Refrigeration Data	
Refrigerant Charge (lbs.) <sup>1</sup>	
Zero Zone Condensing Unit #	
Condensing Unit Crated Weight (lbs.)	
Electrical & Energy Data <sup>3, 4, 10</sup>	
MOCP (amps) <sup>5, 7</sup>	
MCA (amps) <sup>6, 7</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>8</sup>	
Electrical & Energy Data <sup>3, 4, 10</sup>	
MOCP (amps) <sup>5, 7</sup>	
MCA (amps) <sup>6, 7</sup>	
Daily Energy Use (kWh)	
Rejected Heat (Btu/h) <sup>8</sup>	

2-Door	3-Door	4-Door	5-Door	
3.0	4.0	5.1	6.2	
69-10221	69-10324	69-10045	69-10236	
69	66	120	150	
With Condensate Removal System				
15	20	20	30	
8.8	15.1	17.5	25.5	
12.9	15.0	22.2	32.9	
1,840	2,130	3,151	4,675	
Without Condensate Removal System				
15	15	15	20	
7.7	9.1	11.5	19.5	
12.7	14.7	21.8	32.4	
1,811	2,088	3,094	4,604	

2-Door	3-Door	4-Door	5-Door	
3.0	4.0	5.1	6.7	
69-10222	69-10235	69-10237	69-10232	
69	66	120	150	
With Condensate Removal System				
15	20	20	20	
8.8	15.1	17.5	19.4	
11.9	15.0	19.2	23.3	
1,687	2,130	2,728	3,314	
Without Condensate Removal System				
15	15	15	15	
7.7	9.1	11.5	13.4	
11.7	14.7	18.8	22.8	
1,659	2,088	2,671	3,243	

## Physical Data

Case Calculations	
Facings (ft. <sup>2</sup> )	
Packout (ft. <sup>3</sup> ) 24" Shelves	
Weight (lbs.) <sup>11</sup>	

2-Door	3-Door	4-Door	5-Door	
27.3	40.9	54.5	68.2	
54.5	81.9	109.0	136.4	
783	1,033	1,343	1,683	

2-Door	3-Door	4-Door	5-Door	
27.3	40.9	54.5	68.2	
54.5	81.9	109.0	136.4	
783	1,033	1,343	1,683	

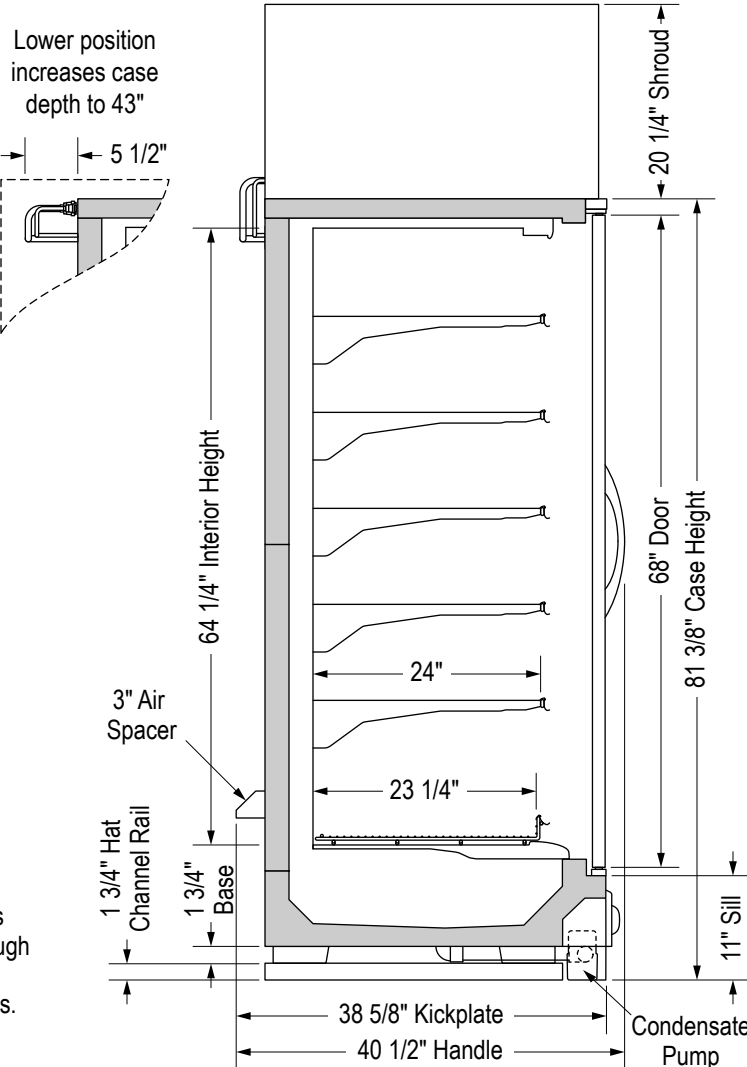
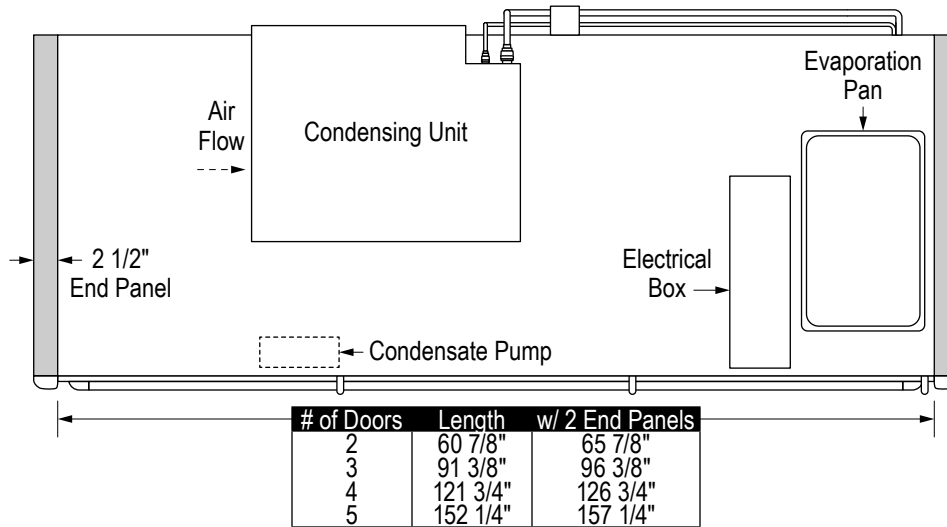
### Notes:

1. Refrigerant charge includes combined condensing unit and case charges.
2. Data based on Zero Zone ChillBrite® 4190 LED lighting, Zero Zone CoolView® Envision® doors, and SSC electronic fan motors. See separate remote case spec sheets for more details.
3. 208V 4-wire service; 115/208V-1PH-60HZ; red & black power, white neutral, green ground. Buck/boost transformer available for low voltage conditions.
4. Optional main service disconnect is available upon request.
5. MOCP (Maximum Over-Current Protection) is the maximum circuit breaker size that can be used to properly protect the product.
6. MCA (Minimum Circuit Ampacity) is used to calculate the minimum wire size. This is selected so wires will not overheat in typical operating conditions and prevent nuisance circuit breaker trips.
7. Zero Zone recommends that a circuit breaker size should be larger than the MCA, but smaller than or equal to the MOCP. For example, if the equipment is listed having an MCA of 36.8 amps and an MOCP of 45 amps, a 40 amp or 45 amp circuit breaker would be acceptable.
8. 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.
9. 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.
10. Data based on Zero Zone ChillBrite® 4190 LED lighting, Zero Zone CoolView® Envision® extra heat doors, and SSC electronic fan motors.
11. Does not include weight of condensing unit. Weights include 2 end panels at 60 lbs. per pair.



# Highlight Merchandiser® RHMC30 Hybrid™ Specs

Medium Temp Hybrid™ Reach-Ins with 30" x 68" CoolView® Envision® Doors



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

SS-119-D

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.

3/2/2023



Zero Zone, Inc.  
800-247-4496 • www.zero-zone.com  
© 2023 Zero Zone, Inc.

