


HIGHLIGHT
merchandise®

Highlight Merchandise® RHLC30T Hybrid™ Specs

Low Temp Tall Reach-In Remote Display Cases

2-Door, 3-Door, 4-Door, and 5-Door Cases

Applications



Ice Cream Frozen Food

Quick Specs

Energy Use (Per Door Avg Daily)*

With Condensate Removal: 10.3 kWh

Without Condensate Removal: 10.0 kWh

*Standard Package with R-404A Refrigerant

Merchandising (5-Door)

Facings: 73.5 ft²
Packout: 147 ft³ with 30" wide x 24" deep shelves

Features & Options

High Humidity

Control climate challenges with advanced humidity package.

Additional Models

The Highlight® Hybrid™ low temp lineup offers standard, tall and ice merchandisers.

CoolView® Doors

30" wide x 73" tall CoolView® Envision® Doors

LED Lighting

ChillBrite® 4000K LED Lighting



Refrigeration Data

Set Points	Frozen Food (FF)	Ice Cream (IC)
Evaporator Temperature (°F) ¹	-7	-16
Discharge Air Temperature (°F) (w/ 8°F Superheat)	-3	-12

Notes:

- For high-glide refrigerants, use dew point for unit sizing. Adjust evaporator pressure as needed to maintain discharge air temperatures.


 Manuals and Instructions:
<https://www.zero-zone.com/rhmc-rhlc>


Contact Us:

800-247-4496

www.zero-zone.com

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.



SS-129 Rev D • 7/2/2025

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Page 1 of 3





Standard Package

Refrigeration Data	R-404A Refrigerant				R-448A Refrigerant			
	2-Door	3-Door	4-Door	5-Door	2-Door	3-Door	4-Door	5-Door
Refrigerant Charge (lbs.) ¹	5.1	5.9	6.5	8.0	5.1	5.9	6.5	8.0
Zero Zone Condensing Unit #	69-10236	69-10236	69-10220	69-10220	69-10489	69-10219	69-10219	69-10219
Condensing Unit Crated Weight (lbs.)	150	150	180	180	164	163	166	166
Electrical & Energy Data ^{2,3,4}	With Condensate Removal System				With Condensate Removal System			
MOCP (amps) ⁵	25	25	40	40	20	35	40	40
MCA (amps) ⁶	20.2	21.8	27.9	32.2	16.6	25.5	30.8	36.9
Daily Energy Use (kWh)	21.3	31.5	39.8	49.5	25.1	30.6	40.4	50.3
Rejected Heat (Btu/h) ⁷	3,035	4,474	5,659	7,044	3,570	4,355	5,748	7,154
Electrical & Energy Data ^{2,3,4}	Without Condensate Removal System				Without Condensate Removal System			
MOCP (amps) ⁵	25	25	40	40	15	35	35	35
MCA (amps) ⁶	16.2	17.8	26.0	29.7	11.9	22.5	24.6	30.7
Daily Energy Use (kWh)	20.9	30.9	39.0	48.5	24.7	30.0	39.6	49.3
Rejected Heat (Btu/h) ⁷	2,978	4,388	5,545	6,901	3,512	4,269	5,634	7,012

High Humidity Package⁸

Refrigeration Data	2-Door	3-Door	4-Door	5-Door	2-Door	3-Door	4-Door	5-Door
	Refrigerant Charge (lbs.) ¹	5.1	5.9	6.5	8.0	5.1	5.9	6.5
Zero Zone Condensing Unit #	69-10236	69-10220	69-10220	69-10220	69-10489	69-10219	69-10219	69-10219
Condensing Unit Crated Weight (lbs.)	150	180	180	180	164	166	166	166
Electrical & Energy Data ^{2,3,4}	With Condensate Removal System				With Condensate Removal System			
MOCP (amps) ⁵	25	40	40	40	20	35	35	35
MCA (amps) ⁶	19.9	27.4	27.5	31.8	16.2	25.2	26.6	31.8
Daily Energy Use (kWh)	27.7	39.0	51.5	64.1	31.8	38.7	51.2	63.7
Rejected Heat (Btu/h) ⁷	3,933	5,546	7,324	9,119	4,526	5,508	7,274	9,056
Electrical & Energy Data ^{2,3,4}	Without Condensate Removal System				Without Condensate Removal System			
MOCP (amps) ⁵	25	40	40	40	15	35	35	35
MCA (amps) ⁶	17.0	25.9	27.5	31.6	12.7	23.7	25.3	31.6
Daily Energy Use (kWh)	27.3	38.4	50.7	63.1	31.4	38.1	50.4	62.7
Rejected Heat (Btu/h) ⁷	3,876	5,461	7,210	8,976	4,469	5,422	7,159	8,913

Physical Data

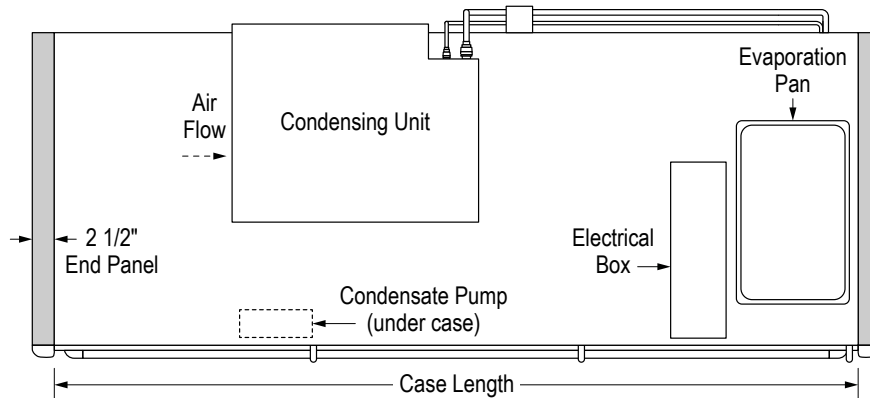
Case Calculations	2-Door	3-Door	4-Door	5-Door
Facings (ft. ²)	29.4	44.1	58.8	73.5
Packout (ft. ³) 24" Shelves	58.8	88.2	117.5	147.0
Weight (lbs.) ⁹	815	1,115	1,480	1,860

Notes:

1. Refrigerant charge includes combined condensing unit and case charges.
2. Data based on Zero Zone ChillBrite® 4000K LED lighting, Zero Zone CoolView® Envision® doors, and SSC electronic fan motors. See separate remote case spec sheets for more details.
3. 208V (four-wire) service; 115/208V-1PH-60Hz; red and black AC Line, white AC neutral, green Safety Ground. Buck/boost transformer available for low voltage conditions.
4. Optional main service disconnect is available upon request.
5. MOCP = Maximum over-current protection.
6. MCA = Minimum current amps.
7. 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.
8. 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.
9. Does not include weight of condensing unit. Weights include 2 end panels at 60 lbs. per pair.



RHLC30T Hybrid™ Top View



Measurements	2-Door	3-Door	4-Door	5-Door
Case Length (in.) without End Panels	60 7/8	91 3/8	121 3/4	152 1/4
Case Length (in.) with End Panels	65 7/8	96 3/8	126 3/4	157 1/4

RHLC30T Hybrid™ End View

