


HIGHLIGHT
merchandise®

Highlight Merchandise® RHLC30 Hybrid™ Specs

Low Temp Reach-In Remote Display Cases

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

Quick Specs

Energy Use (Per Door Avg Daily)*

With Condensate Removal: 10.5 kWh

Without Condensate Removal: 10.3 kWh

*Standard Package with R-404A Refrigerant

Merchandising (5-Door)

Facings: 68.2 ft²
Packout: 136.4 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.

LED Lighting

ChillBrite® 4000K LED Lighting

CoolView® Doors

30" wide x 68" tall CoolView® Envision® Doors

Applications



Ice Cream

Frozen Food



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-118 Rev F • 7/2/2025

© 2025 Zero Zone, Inc.

Page 1 of 3





Standard Package

Refrigeration Data	R-404A Refrigerant					R-448A Refrigerant				
	1-Door	2-Door	3-Door	4-Door	5-Door	1-Door	2-Door	3-Door	4-Door	5-Door
Refrigerant Charge (lbs.) ¹	3.5	5.1	5.9	6.5	8.0	3.5	5.1	5.9	6.5	8.0
Zero Zone Condensing Unit #	69-10047	69-10236	69-10236	69-10220	69-10220	69-10488	69-10489	69-10487	69-10219	69-10219
Condensing Unit Crated Weight (lbs.)	115	150	150	180	180	115	164	163	166	166
Electrical & Energy Data ^{2,3,4}	With Condensate Removal System					With Condensate Removal System				
MOCP (amps) ⁵	15	25	25	40	40	15	20	25	40	40
MCA (amps) ⁶	14.6	20.2	21.8	27.8	32.1	14.6	16.6	21.8	30.5	36.6
Daily Energy Use (kWh)	10.5	19.8	28.7	36.0	44.7	10.3	23.3	30.5	36.6	45.3
Rejected Heat (Btu/h) ⁷	1,496	2,816	4,083	5,124	6,350	1,469	3,311	4,330	5,203	6,447
Electrical & Energy Data ^{2,3,4}	Without Condensate Removal System					Without Condensate Removal System				
MOCP (amps) ⁵	15	20	20	40	40	15	15	20	30	35
MCA (amps) ⁶	12.5	16.1	17.7	25.8	29.4	12.5	11.8	17.7	24.3	30.3
Daily Energy Use (kWh)	10.3	19.4	28.1	35.2	43.7	10.1	22.9	29.9	35.8	44.3
Rejected Heat (Btu/h) ⁷	1,468	2,759	3,998	5,010	6,207	1,441	3,254	4,244	5,088	6,304

High Humidity Package⁸

Refrigeration Data	R-404A Refrigerant					R-448A Refrigerant				
	1-Door	2-Door	3-Door	4-Door	5-Door	1-Door	2-Door	3-Door	4-Door	5-Door
Refrigerant Charge (lbs.) ¹	3.5	5.1	5.9	6.5	8.0	3.5	5.1	5.9	6.5	8.0
Zero Zone Condensing Unit #	69-10047	69-10236	69-10220	69-10220	69-10220	69-10488	69-10489	69-10219	69-10219	69-10219
Condensing Unit Crated Weight (lbs.)	115	150	180	180	180	115	164	166	166	166
Electrical & Energy Data ^{2,3,4}	With Condensate Removal System					With Condensate Removal System				
MOCP (amps) ⁵	20	25	40	40	40	20	20	30	35	35
MCA (amps) ⁶	15	20.2	27.7	27.8	32.1	15.0	16.6	25.5	27.0	32.1
Daily Energy Use (kWh)	14.2	26.3	36.6	47.9	59.3	13.8	30.2	36.3	47.6	58.9
Rejected Heat (Btu/h) ⁷	2,017	3,742	5,199	6,806	8,433	1,959	4,300	5,163	6,761	8,377
Electrical & Energy Data ^{2,3,4}	Without Condensate Removal System					Without Condensate Removal System				
MOCP (amps) ⁵	15	25	40	40	40	15	15	25	30	35
MCA (amps) ⁶	12.9	17.0	25.9	27.5	31.6	12.9	12.7	23.7	25.3	31.6
Daily Energy Use (kWh)	14.0	25.9	36.0	47.1	58.3	13.6	29.8	35.7	46.8	57.9
Rejected Heat (Btu/h) ⁷	1,988	3,685	5,113	6,692	8,291	1,931	4,242	5,078	6,646	8,234

Physical Data

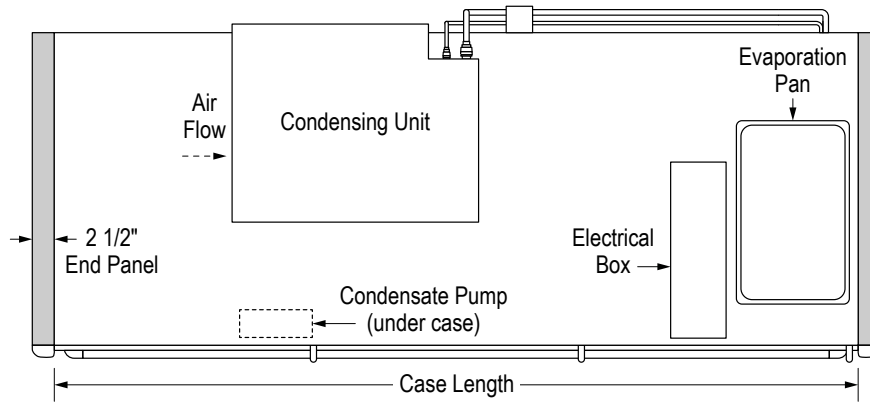
Case Calculations	1-Door	2-Door	3-Door	4-Door	5-Door
Facings (ft. ²)	13.6	27.3	40.9	54.5	68.2
Packout (ft. ³) 24" Shelves	27.3	54.5	81.9	109.0	136.4
Weight (lbs.) ⁹	532	783	1,033	1,343	1,683

Notes:

1. Refrigerant charge includes combined condensing unit and case charges.
2. Data based on Zero Zone ChillBrite® 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.



RHLC30 Hybrid™ Top View



Measurements	1-Door	2-Door	3-Door	4-Door	5-Door
Case Length (in.) without End Panels	30 1/2	60 7/8	91 3/8	121 3/4	152 1/4
Case Length (in.) with End Panels	35 1/2	65 7/8	96 3/8	126 3/4	157 1/4

RHLC30 Hybrid™ End View

