



HIGHLIGHT

merchandiser®



Product Catalog

LOW TEMP | MEDIUM TEMP | TALL | BACK-TO-BACK | HYBRID | ROBUST | EASY INSTALL

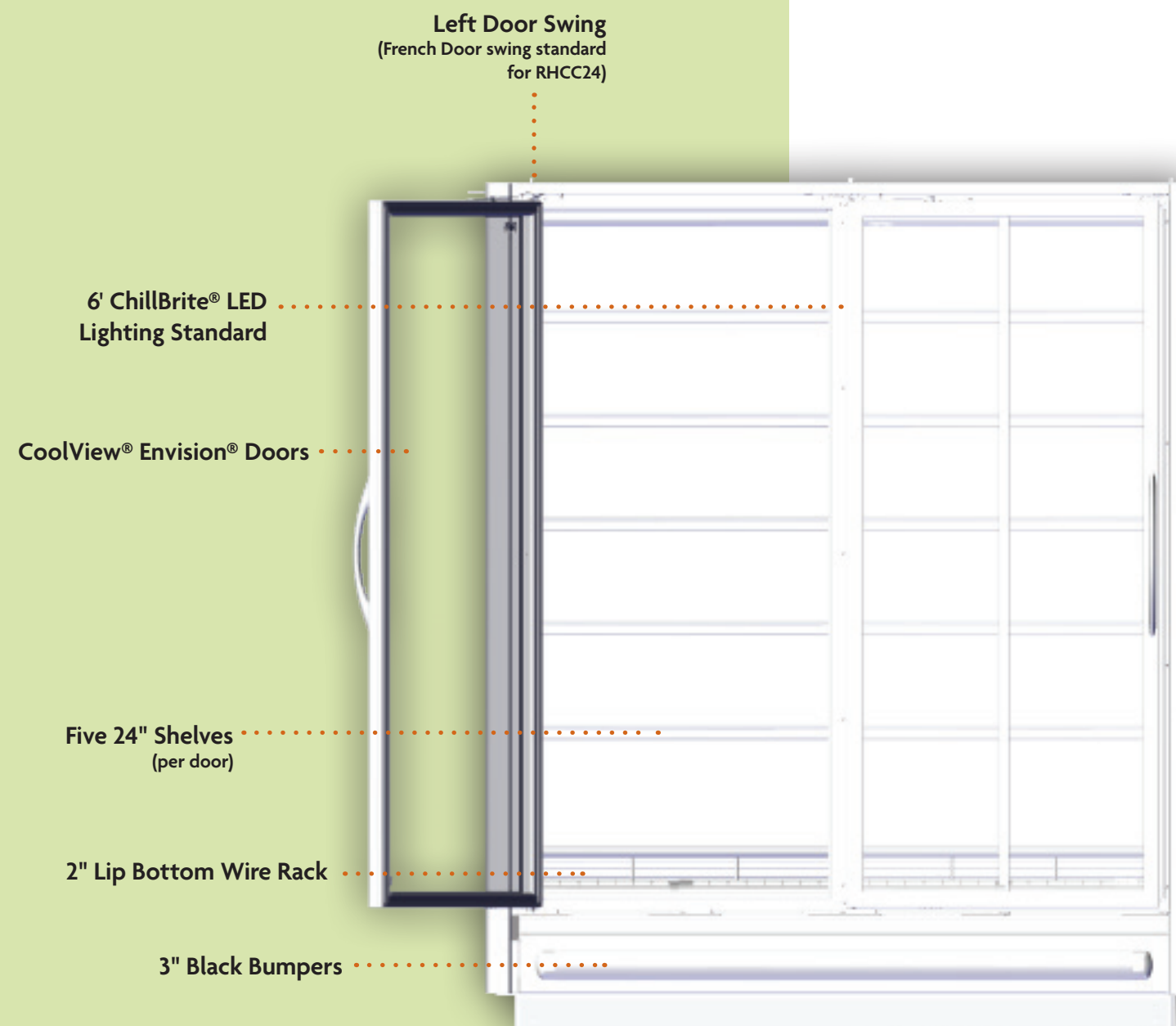
HIGHLIGHT

merchandise®

RHLC30 • RHMC30 • RHCC24

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2RHMC30



HIGHLIGHT

merchandise®

The Highlight Merchandise® is favored by retailers of all sizes, from small convenience stores to large supermarkets, due to its top-notch quality, performance, dependability, and durability.

ENERGY CHOICE

Our cutting-edge technology ensures efficient cooling, saving you money on energy bills while providing reliable and sustainable freezing solutions for your needs.

MAINTENANCE

An electrical enclosure located behind the kick plate provides easy access for maintenance.

STRUCTURAL INTEGRITY

The structural end frame of these cases is built for long-term durability, designed to endure well into the future. They are exceptionally strong, with the ability to support up to 300 lbs. on top of the case, allowing you to stand on it while working.

EASY CLEANING

Removable back panels allow for effortless and speedy cleaning. Easily removable bottom coil covers with integral air return can be removed without tools, ensuring a hassle-free and convenient cleaning process.



THERMAL PERFORMANCE

Rigorous testing is conducted to guarantee consistent and even temperatures throughout the case, ensuring uniform and reliable temperature performance.

DOORS

CoolView® Envision 30" is available in standard 68" or tall 73" doors. Designed to resist condensation and sweating, even in humid store conditions.

HANDLES

CoolArc® Crescent handles in black or satin silver.

LIGHTING

LED lights provide even, energy-saving product illumination, creating a beautiful display that won't fade your products.

NATURAL SOLUTION

Genesys® Natural refrigerant solutions available in CO₂.

SINGLE DOOR OPTION

A single-door display case is an ideal choice for highlighting grab-and-go items, making them easily accessible and offering a flexible display solution. This type of case allows for convenient product placement and provides flexibility in arranging your store's layout.

Features and Options

Characteristics

	RHLC30 • Frozen • Ice Cream • Ice Merchandiser	RHMC30 • Beverage • Dairy/Deli • Floral • Meat • Produce	RHCC24 • Beverage • Dairy/Deli • Floral • Meat • Produce
No. of doors	1-5	1-5	2, 3, 4, 6
Door Width	30"	30"	24"
Door Height	68" or 73"	68" or 73"	68"
Tall	✓	✓	✗
Back-to-Back	✓	✓	✗
Back-to-Back Tall	✓	✓	✗
Ice Merchandiser	✓	✗	✗
High Humidity	✓	✓	✗



5RHLC30

STANDARD: basic features & normal lead times

Optional: additional features available & normal lead times

Special: custom features & increased lead time

Interior

1 Interior Color

	RHLC30	RHMC30	RHCC24
Black	STANDARD	STANDARD	STANDARD
White	Optional	Optional	Optional
Brushed Stainless Steel	Special	Special	Special
Black Electrocoating*	Special	Special	Special
White Electrocoating*	Special	Special	Special

*recommended for Seafood & Red Meat

2 Lighting

	RHLC30	RHMC30	RHCC24
ChillBrite® 4000K	STANDARD	STANDARD	STANDARD
ChillBrite® 3500K		Optional	Optional

3 Shelving

	RHLC30	RHMC30	RHCC24
30" x 24" Solid Universal Black (2-position)	STANDARD	STANDARD	
24" x 22" Solid (2-position)			STANDARD
22" Wire Shelf		Optional	Optional

4 Price Tag Molding

	RHLC30	RHMC30	RHCC24
Black PVC per Shelf & Rack	STANDARD	STANDARD	STANDARD
White PVC per Shelf & Rack	Optional	Optional	Optional
Aluminum Reversible	Optional	Optional	
Black Anodized	Optional		

5 Bottom Wire Rack

	RHLC30	RHMC30	RHCC24
24 3/4" Reversible w/ 4" Front Black	STANDARD	STANDARD	
24 3/4" Reversible w/ 4" Front White	Optional	Optional	
Aluminum Reversible	Optional	Optional	Optional
Black Anodized	Optional	Optional	Optional
27" w/ 2 1/2" Front Black			STANDARD
27" w/ 2 1/2" Front White			Special

Doors

6 Door Type

	RHLC30	RHMC30	RHCC24
CoolView® Envision® Black (Heated Glass & Rail)	STANDARD	Optional	
CoolView® Envision® Black (No Heated Glass)		STANDARD	
CoolView® Envision® Silver	Optional	Optional	
CoolView® Ultra™ Black			STANDARD

7 Door Handle

	RHLC30	RHMC30	RHCC24
Crescent™ Black	STANDARD	STANDARD	STANDARD
Crescent™ Satin Silver	Optional	Optional	Optional

8 Door Swing

	RHLC30	RHMC30	RHCC24
French			STANDARD
Left Handle on Right	STANDARD	STANDARD	Optional
Right Handle on Left	Optional	Optional	Optional

Available Add-Ons:

- Door Locks
- Anti-Fog Coating (Low-Temp Only)

9 Exterior Color

	RHLC30	RHMC30	RHCC24
Black ZZ-000	STANDARD	STANDARD	STANDARD
See Color Chart for 36 optional colors	Optional	Optional	Optional
Stainless Steel	Special	Special	Special

10 Bumper

	RHLC30	RHMC30	RHCC24
3" Black McCue Individual	STANDARD	STANDARD	STANDARD
3" Black McCue Continuous	Optional		
3" Individual (McCue Color Pallette)	Special	Special	Special
3" Continuous (McCue Color Pallette)	Special		

11 Kickplates

	RHLC30	RHMC30	RHCC24
Black	STANDARD	STANDARD	STANDARD
Louvered Black	Optional	Optional	Optional
Stainless Steel	Special		
Louvered Stainless Steel	Special		

STANDARD: basic features & normal lead times

Optional: additional features available & normal lead times

Special: custom features & increased lead time

Controls

Temperature Sensors

	RHLC30	RHMC30	RHCC24
CPC Green Temp	STANDARD	STANDARD	Optional
Carel Temp	Optional	Optional	
Danfoss Temp	Optional		Optional
Micro Thermo Temp	Optional	Optional	

If you do not see an option available that supports your needs, please reach out to your Zero Zone sales representative to find a solution.

Defrost Sensors

	RHLC30	RHMC30	RHCC24
CPC Orange Defrost	STANDARD	Optional	Optional

Available Add-Ons:

- Adjustable Defrost Control
- Adjustable Temp Control (Low-Temp only)
- Control Scheme Packages
- Electronic Defrost Controller

Exterior

Hybrid Models



Zero Zone Hybrid™ Display Cases seamlessly blend the benefits of self-contained display cases with the selling power and reliability of supermarket cases. These cases, equipped with an easy-to-install modular top-mount refrigeration kit, offer superior durability and flexibility.

Available on all Highlight Merchandiser cases.

Refrigeration

Refrigeration Connection

	RHLC30	RHMC30	RHCC24
ROTB (Refrigeration Out Top Back)	STANDARD	STANDARD	STANDARD
Inside Case Bottom	Optional	Optional	Optional
Hot Gas (Inside Case Bottom)	Optional		
ROTR (Refrigeration Out Top Right)	Optional		
ROB (Refrigeration Out Back)	Hybrid	Hybrid	Hybrid
Pre-Piping/Common Risers (Contact ZZ Sales)	Special	Special	Special

Expansion Valve

	RHLC30	RHMC30	RHCC24
Mechanical	STANDARD	STANDARD	STANDARD
Electronic	Optional	Optional	Optional
Specific Brand (Contact ZZ Sales)	Special	Special	Special

Defrost Type

	RHLC30	RHMC30	RHCC24
Electric (Single-Phase)	STANDARD		
Off Cycle		STANDARD	STANDARD
Electric (3-Phase)	Optional		
Hot Gas	Optional		

Liquid Line Shut Off

	RHLC30	RHMC30	RHCC24
Liquid Line Hand Valve	Optional	Optional	Optional
Liquid Line Ball Valve	Optional		Optional
Specific Brand (Contact ZZ Sales)	Special	Special	Special

Heat Exchanger

	RHLC30	RHMC30	RHCC24
No	Optional	STANDARD	STANDARD
Yes - Liquid to Suction	STANDARD		

Available Add-Ons:

- Filter and/or Drier
- Solenoid Valve - Liquid Line

STANDARD: basic features & normal lead times

Optional: additional features available & normal lead times

Special: custom features & increased lead time

Electrical

Electrical Service

	RHLC30	RHMC30	RHCC24
115V - 1PH - 60HZ	Optional	STANDARD	STANDARD
115/208V - 1PH - 60HZ	STANDARD		
208V - 3PH - 60HZ	Special		

Electrical Connection

	RHLC30	RHMC30	RHCC24
EOBR (Electric Out Bottom Right)	STANDARD	STANDARD	STANDARD
EOT (Electric Out Top)	Optional	Optional	Optional
EOB (Electric Out Back)	Optional	Optional	

Anti-Sweat Controls

	RHLC30	RHMC30	RHCC24
CPC ACCII (w/ Master & Modbus Term. Block)	Optional	Special	
CPC ACCII (w/ Master & No Term. Block)	Optional	Special	

Also Available

	RHLC30	RHMC30	RHCC24
Yes - Seismic	Optional	Optional	Optional
VOC Caulk	Optional	Optional	Optional
Case Control Dimming	Optional		Optional
Case Control On/Off	Optional		

Other Features

FORKLIFTABLE

Engineered for easy forklift handling, this design allows lifting from either end. The reinforced bottom assembly featuring steel forklift plates not only saves time during unloading but also streamlines the installation process.



THE **HIGHLIGHT** merchandiser®

RHLC30 • RHMC30 • RHCC24

The Highlight Merchandiser® continues to be the most popular Zero Zone case due to its modularity, value, and design aesthetic. You will love the versatility of this product line as our Highlight™ coolers and freezers are both available as tall cases and back-to-back cases that eliminate the need for an airflow gap behind and between display cases in adjacent aisles.

SSC FAN MOTORS

Deliver exceptional airflow with a reduced operational cost while ensuring proven reliability.

CLASSIC CASE

Robust, built to last, enduring quality of the Zero Zone product.

2.5" THICK INSULATION

Keep the cold inside with the thickest insulation in the industry.

AESTHETICS

Contrast between black interior and colorful product packaging that creates appealing visuals to the customer.



7% More Packout

Energy Costs 25.5% Less Per Year

Uses 7 sq ft Less Space

*compared to leading competitor top selling reach-in low temp case

DAIRY



- These cases showcase milk, cheese, and other dairy products attractively, ensuring quality and reducing spoilage, making them ideal for grocery stores.

DELI



- Deli items remain fresh and appealing thanks to the Highlight Merchandiser®. These cases enhance the display of deli meats, making them appealing to shoppers.

BEVERAGE



- Our Highlight Merchandiser offers maximum packout so that your customers have a variety of options for grab 'n go beverages.

FREEZER



- Merchandise ice cream and frozen foods in this low-temperature display case. It has a maximum packout of 136.4 cubic feet with 24-inch shelves.

ICE



- A rear grid on these Ice Merchandiser cases are durable and built to withstand the weight and impact of your bags of ice.

FLORAL



- The CoolView® doors offer full access to the case, keep the cool air in, and protect the flowers from a rapidly changing external environment.

NOMENCLATURE

The Highlight Merchandiser® is a versatile display case. Its applications include floral displays, produce, dairy, deli, wine, beverages, ice cream, and frozen foods. **The tall display cases have an extra 5" of vertical merchandising. The RHMC30T improves case facings and packout by over 7% compared to its standard height version.**

5RHLC

①

②

① **Number of Doors**
1, 2, 3, 4, 5, 6

② **Type of Case**
R = Reach-In/Remote
H = Highlight Merchandiser®
L/M – Low or Medium Temp
C – Cantilever Shelving

30T-B

③

④

⑤

③ **Door Width in Inches**
24 = 24" (Medium Temp only)
30 = 30"

④ **Special**
BB = Back-to-Back
IM = Ice Merchandiser
T = Tall
TBB = Tall Back-to-Back

⑤ **Applications**
B = Beverage
D = Dairy/ Deli
F = Floral
M = Meat
P = Produce



RHLC30BB



RHLC30IM



RHLC30T



RHMC30TBB

*RHLC30 Available as
Ice Merchandiser, Tall
Back to Back, Tall Back-to-Back
RHLC30IM • RHLC30T • RHLC30BB • RHLC30TBB*

*RHMC30 Available as Tall
Back to Back, Tall Back-to-Back
RHMC30T • RHMC30BB • RHMC30TBB*

*RHCC24 Only Available as Medium Temp
Optional with French Doors*

*Hybrid Available as
RHLC30, RHMC30*



HIGHLIGHT
merchandiser®

Highlight Merchandiser® RHLC30 Remote Specs

Low Temp Reach-In Remote Display Cases

1-Door, 2-Door, 3-Door, 4-Door, and 5-Door Cases, Back-to-Back (BB) Cases

Applications



Quick Specs

Energy (Btu/h per Door)*

Frozen Food: 820 at -7°F Evaporator

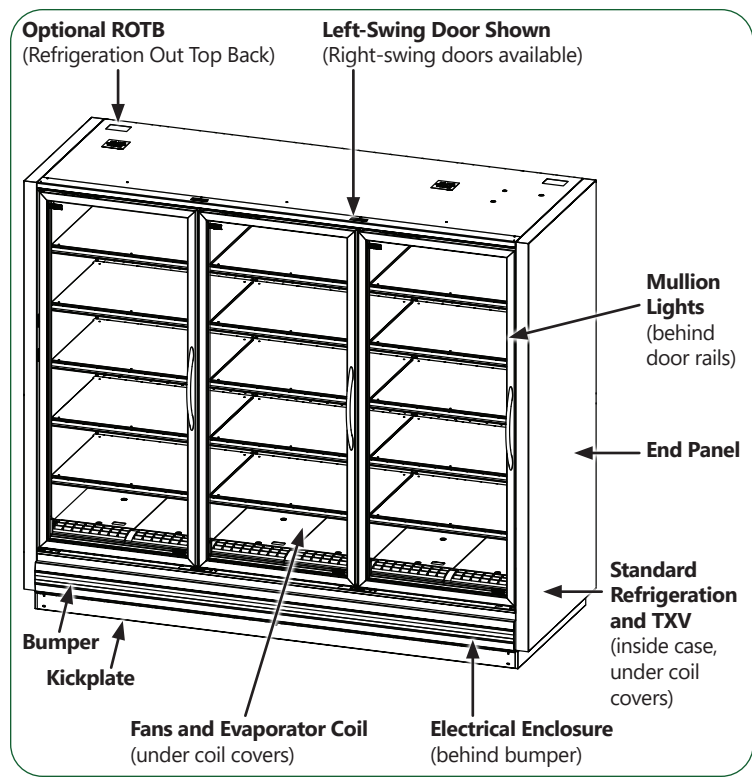
Ice Cream: 940 at -16°F Evaporator

*when used with parallel rack system

Merchandising (5-Door)

Facings: 68.2 ft²

Packout: 136.4 ft³ with 30" x 24" deep shelves



Features & Options

Go Green

Remote cases ready for CO₂

High Humidity

Control climate challenges with our advanced humidity package

CoolView® Doors

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

LED Lighting

ChillBrite® 4000K LED Lighting

Additional Models

The Highlight® low temp lineup offers a standard, ice merchandiser, tall, and back-to-back case. 90 bar rating available.

Hybrid™ Display Case

Available as Hybrid™ cases. See separate spec sheet.



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



Contact Us:

800-247-4496
www.zero-zone.com

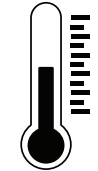
Specifications are subject to change without notice. All dimensions are nominal.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.



Highlight Merchandiser® RHLC30 Remote Specs

RHLC30 and RHLC30BB

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:

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



	Lineup Data		Individual Case Data (includes 1 pair of end panels)									
	Per Door Avg		1-Door		2-Door		3-Door		4-Door		5-Door	
	FF	IC	FF	IC	FF	IC	FF	IC	FF	IC	FF	IC
Energy Use with Parallel Rack System ²												
RHLC30 Baseline Btu/h	820	940	980	1,085	1,910	2,080	2,700	2,960	3,490	3,830	4,110	4,710
RHLC30BB Baseline Btu/h (Each Side)	745	855	---	---	1,760	1,910	2,475	2,705	3,190	3,490	3,735	4,285
Energy Use with Condensing Unit ²												
RHLC30 Baseline Btu/h	870	995	1,040	1,150	2,025	2,205	2,860	3,140	3,700	4,060	4,355	4,995
RHLC30BB Baseline Btu/h (Each Side)	790	905	---	---	1,865	2,025	2,625	2,865	3,380	3,700	3,960	4,540
Btu/h Adders												
Anti-Sweat High-Humidity Package	+100	+100	+100	+100	+200	+200	+300	+300	+400	+400	+500	+500
	Btu/h Per Case											
Additional Features												
Glass Windowed End Panel (1-Pair)	+315	+350										

Notes:

2. Baseline Evaporator Btu/h based on LED lighting (Zero Zone ChillBrite® 4000K), standard-energy doors (Zero Zone CoolView® Envision®), and ECM or SSC electronic fan motors.



	Outlet Size (in.)				
	1-Door	2-Door	3-Door	4-Door	5-Door
Refrigeration Piping: R-404A & R-448A ³					
Suction Line O.D. (Standard Refrigeration Exit)	3/8	7/8	7/8	7/8	7/8
Suction Line O.D. (Top Refrigeration Exit)	---	1/2	5/8	5/8	5/8
Liquid Line O.D. (Electric Defrost)	1/4	3/8	3/8	3/8	3/8
Liquid Line O.D. (Hot Gas Defrost)	---	1/2	1/2	1/2	1/2
Refrigeration Piping: CO₂ ³					
Suction Line O.D. (Standard Refrigeration Exit)	3/8	1/2	1/2	1/2	1/2
Suction Line O.D. (Top Refrigeration Exit)	---	1/2	1/2	1/2	1/2
Liquid Line O.D. (Electric Defrost)	1/4	3/8	3/8	3/8	3/8
Liquid Line O.D. (Hot Gas Defrost)	---	1/2	1/2	1/2	1/2

Notes:

3. Read the Installation & Operation Manual for more about refrigeration piping to properly size individual risers for circuits of more than one case.



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Highlight Merchandiser® RHLC30 Remote Specs

RHLC30 and RHLC30BB

Electrical & Energy Data ⁴



	1-Door		2-Door		3-Door		4-Door		5-Door	
Number of Fans	1		2		3		4		5	
Fan Motors (115V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High-Efficiency Electronic (ECM or SSC)	0.30	20	0.60	38	0.90	59	1.20	78	1.50	98
Lighting System (120V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
LED Lighting	0.15	18	0.29	35	0.44	53	0.59	70	0.73	88
Anti-Sweat Heat (115V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Standard-Energy Doors (CoolView Envision) ⁵	0.73	83	1.43	164	2.13	245	2.84	326	3.54	408
High-Humidity Package (CoolView Envision) ⁶	1.06	122	2.15	247	3.20	368	4.25	488	5.30	609
Solid Doors (CoolView Envision)	0.50	58	1.01	116	1.50	173	2.00	230	2.50	287
Defrost Heaters ^{7,8}	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Single Phase (120V/1/60Hz or 208V/1/60Hz)	9.10	1,047	8.00	1,680	12.00	2,496	16.00	3,328	20.00	4,160
Three Phase (208V/3/60Hz)	---	---	4.66	1,680	6.93	2,496	9.23	3,328	11.55	4,160

Notes:

- Amps are based on electrical nameplate values. Watts are based on laboratory observations of actual energy use.
- Standard doors include glass heat, rail heat, sill, and mullion heat.
- High-humidity package includes 10% increase in glass heat, rail heat, and mullion heat. This package also includes an anti-sweat controller if in the United States or Territories.
- Electric Defrost: 1 per day. Defrost termination temperature setting is 50°F. Failsafe time is 55 minutes. Refer to the Installation & Operation Manual for details.
- Hot Gas Defrost: 1 per day. Defrost termination temperature setting is 65°F. Failsafe time is 30 minutes. Refer to the Installation & Operation Manual for details. Zero Zone recommends 1 riser per refrigeration circuit when utilizing hot gas defrost.

Physical Data



Merchandising	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) 22" Shelves	25.4	50.0	75.0	100.0	125.0
Packout (ft. ³) 24" Shelves	27.3	54.5	81.9	109.0	136.4
Shipping Weight without End Panels	1-Door	2-Door	3-Door	4-Door	5-Door
RHLC30 Weight (lbs.)	530	720	970	1,280	1,585
RHLC30BB Weight (lbs.)	---	1,380	1,860	2,460	3,050
Shipping Weight with Solid End Panels ⁹	1-Door	2-Door	3-Door	4-Door	5-Door
RHLC30 Weight (lbs.)	590	780	1,030	1,340	1,645
RHLC30BB Weight (lbs.)	---	1,500	1,980	2,580	3,170
Shipping Weight with windowed End Panels ⁹	1-Door	2-Door	3-Door	4-Door	5-Door
RHLC30 Weight (lbs.)	640	830	1,080	1,390	1,695

Notes:

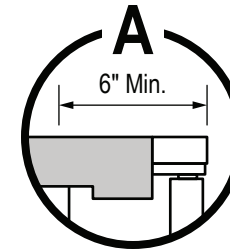
- Each solid end panel: 30 lbs for RHLC30 or 60 lbs for RHLC30BB. Each windowed end panel: 55 lbs for RHLC30.



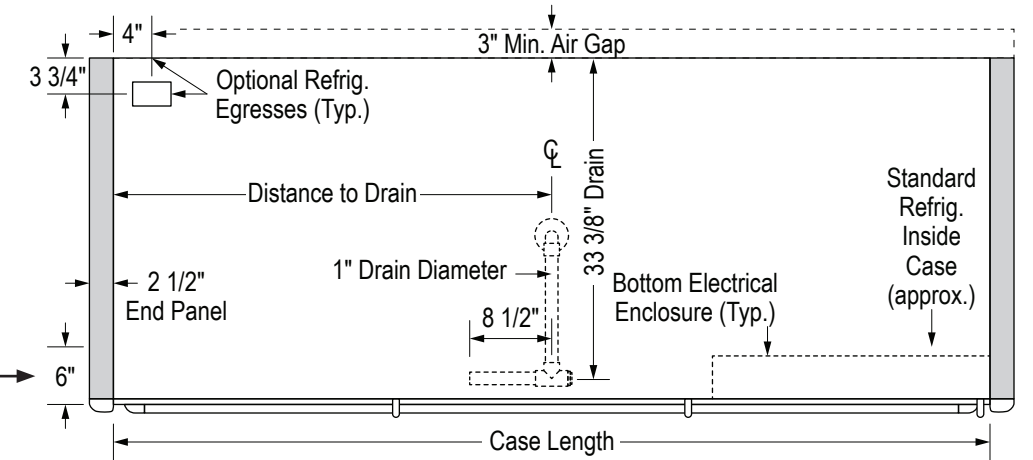
Highlight Merchandiser® RHLC30 Remote Specs

RHLC30 and RHLC30BB

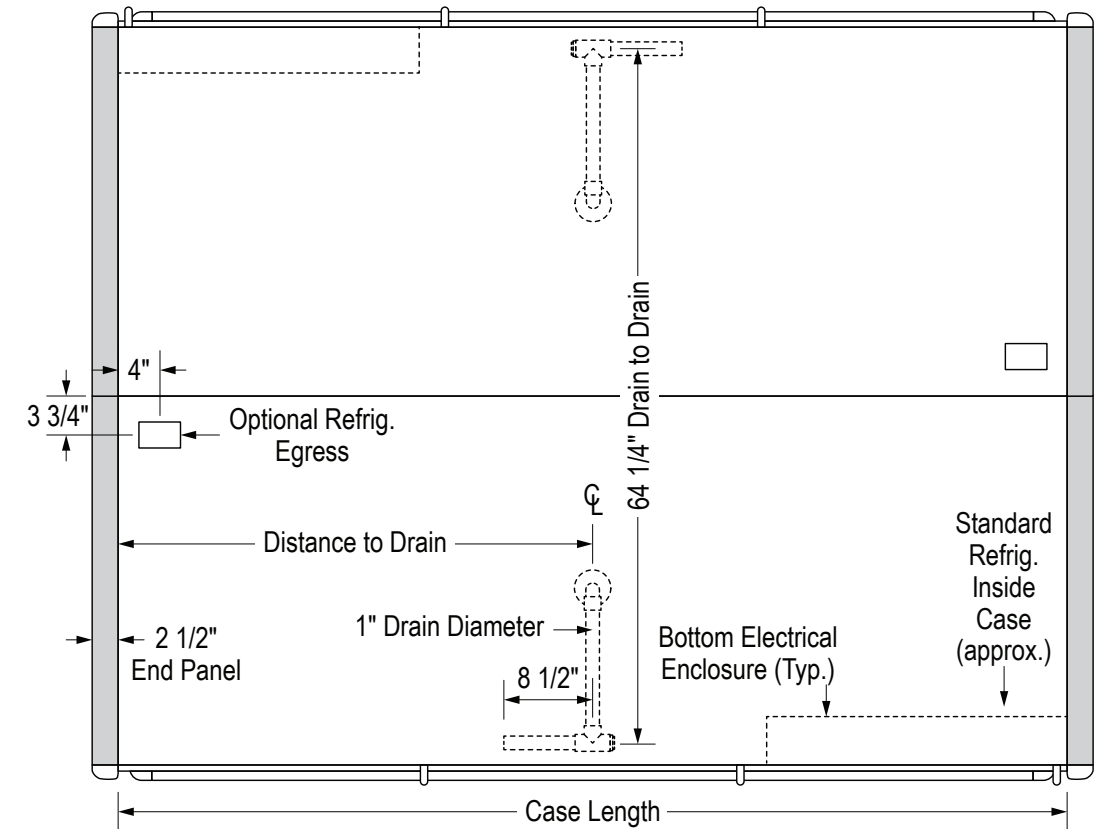
RHLC30 Top View



Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



RHLC30BB Back-to-Back Top View



Case Dimensions

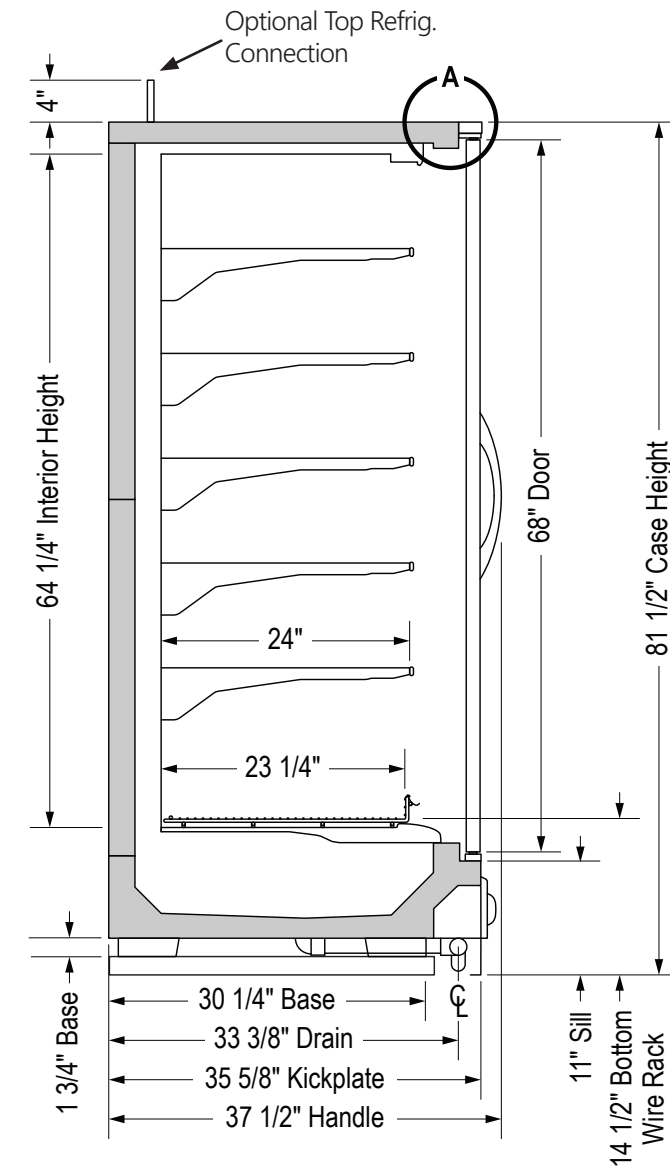
Measurements	1-Door	2-Door	3-Door	4-Door	5-Door
Case Length (in.) without End Panels	30 1/2	60 7/8	91 3/8	121 3/4	152 1/4
Case Length (in.) with End Panels	35 1/2	65 7/8	96 3/8	126 3/4	157 1/4
Distance to Drain (in.)	15 1/4	30 1/2	45 5/8	60 7/8	76 1/8



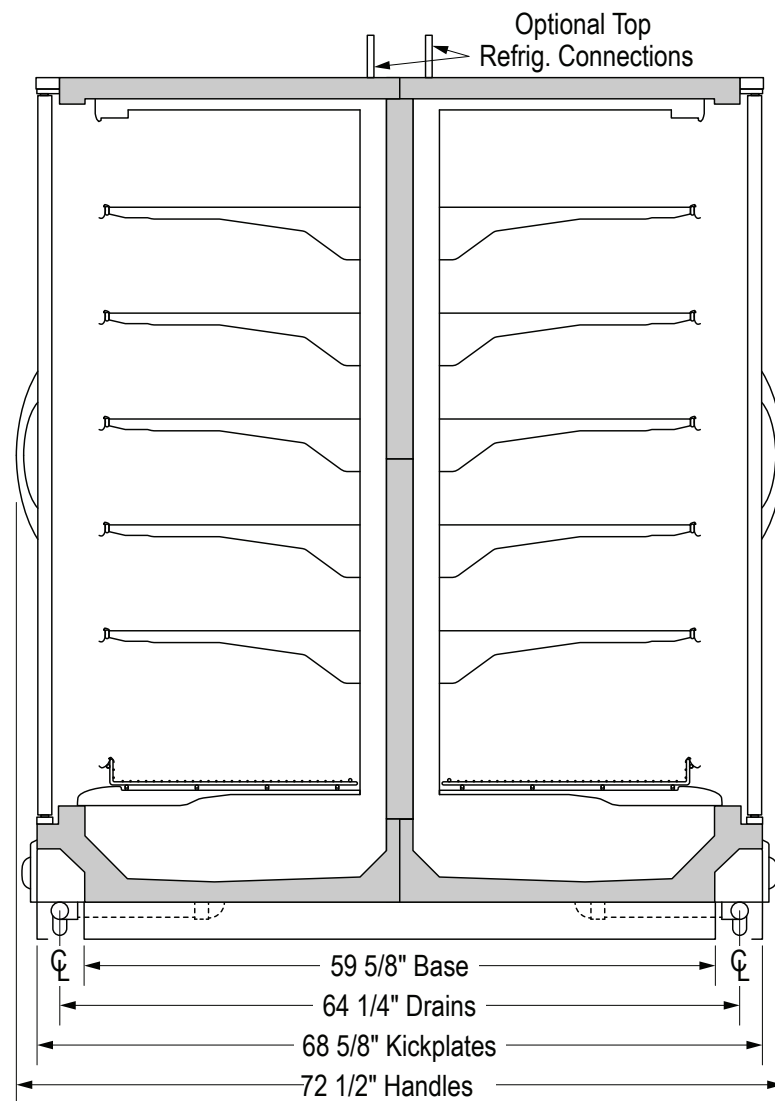
Highlight Merchandiser® RHLC30 Remote Specs

RHLC30 and RHLC30BB

RHLC30 End View



RHLC30BB Back-to-Back End View



- Base Notes:**
- Base height options available: 1 3/4", 3 1/2", or 6 1/2".
 - Changing bases affects case height and shipping height.
 - Drain height from the floor: 2 5/8" with 3 1/2" base.
 - Use 1 3/4" tall bases to fit through 80" doorways (shipping height = 79 5/8"). These bases must use hat channel rails.

- Shelf Notes:**
- 22" or 24" deep shelves.
 - 2-position (0°, 10°) or 4-position (0°, 5°, 10°, 15°) shelves
 - Available with 6" tall bottom baskets instead of bottom wire racks.



Highlight Merchandiser® RHLC30T Remote Specs

Low Temp Tall Reach-In Remote Display Cases
2-Door, 3-Door, 4-Door, and 5-Door Cases, Back-to-Back (BB) Cases

Applications



Quick Specs

Energy (Btu/h per Door)*
Frozen Food: 950 at -7°F Evaporator
Ice Cream: 1,035 at -16°F Evaporator
 *when used with parallel rack system

Merchandising (5-Door)
Facings: 73.5 ft²
Packout: 147.0 ft³ with 30" x 24" deep shelves

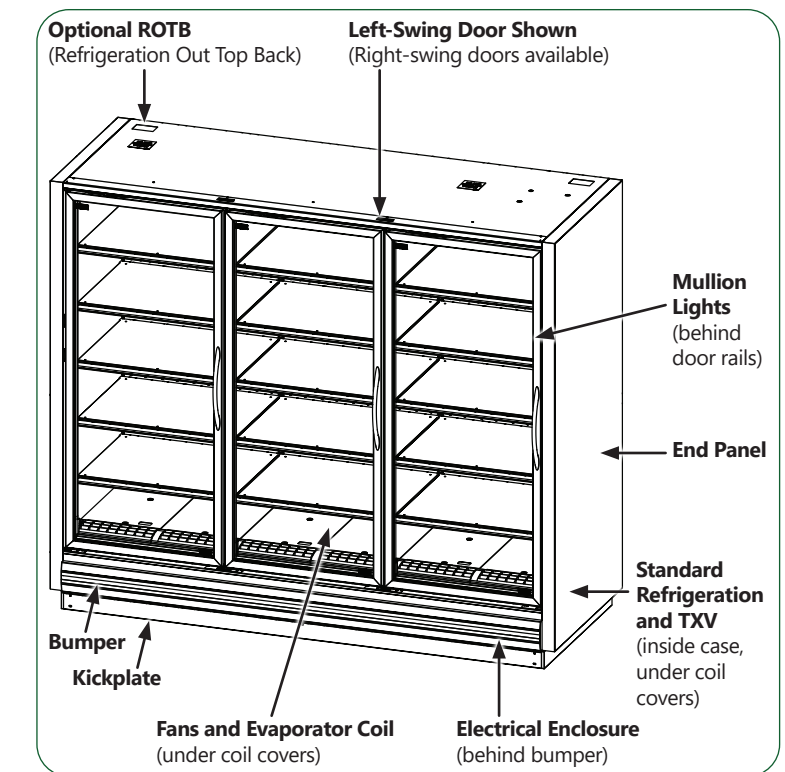
Features & Options

- Go Green**
Remote cases ready for CO₂ or synthetic refrigerants
- High Humidity**
Control climate challenges with advanced humidity package
- CoolView® Doors**
30" wide x 73" tall CoolView® Envision® Doors
- LED Lighting**
ChillBrite® 4000K LED Lighting
- Additional Models**
The Highlight® low temp lineup offers a standard, tall, back-to-back, and ice merchandiser. 90 bar rating available.

Hybrid™ Display Case
Available as Hybrid™ cases. See separate spec sheet.



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



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.

Contact Us:
 800-247-4496
www.zero-zone.com



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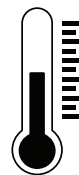




Highlight Merchandiser® RHLC30T Remote Specs

RHLC30T and RHLC30TBB

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



	Lineup Data		Individual Case Data (includes 1 pair of end panels)							
	Per Door Avg		2-Door		3-Door		4-Door		5-Door	
	FF	IC	FF	IC	FF	IC	FF	IC	FF	IC
Energy Use with Parallel Rack System ²										
RHLC30T Baseline Btu/h	950	1,035	2,080	2,250	3,030	3,290	3,980	4,320	4,920	5,370
RHLC30TBB Baseline Btu/h (Each Side)	875	950	---	---	2,805	3,035	3,680	3,980	4,545	4,945
Energy Use with Condensing Unit ²										
RHLC30T Baseline Btu/h	1,010	1,100	2,205	2,385	3,210	3,490	4,220	4,580	5,215	5,690
RHLC30TBB Baseline Btu/h (Each Side)	930	1,020	---	---	2,975	3,217	3,900	4,220	4,820	5,240
Btu/h Adders										
Anti-Sweat High-Humidity Package	+90	+90	+180	+180	+270	+270	+360	+360	+450	+450
	Btu/h per case									
Btu/h Adders										
Glass Windowed End Panel (Each)	+315	+350								

Notes:
 2. Baseline Evaporator Btu/h based on LED lighting (Zero Zone ChillBrite® 4000K), standard-energy doors (Zero Zone CoolView® Envision®), and ECM or SSC electronic fan motors.



Refrigeration Piping: R-404A & R-448A ³	Outlet Size (in.)			
	2-Door	3-Door	4-Door	5-Door
Suction Line O.D. (Standard Refrigeration Exit)	7/8	7/8	7/8	7/8
Suction Line O.D. (Top Refrigeration Exit)	1/2	5/8	5/8	5/8
Liquid Line O.D. (Electric Defrost)	3/8	3/8	3/8	3/8
Liquid Line O.D. (Hot Gas Defrost)	1/2	1/2	1/2	1/2
Refrigeration Piping: CO ₂ ³	2-Door	3-Door	4-Door	5-Door
Suction Line O.D. (Standard Refrigeration Exit)	1/2	1/2	1/2	1/2
Suction Line O.D. (Top Refrigeration Exit)	1/2	1/2	1/2	1/2
Liquid Line O.D. (Electric Defrost)	3/8	3/8	3/8	3/8
Liquid Line O.D. (Hot Gas Defrost)	1/2	1/2	1/2	1/2

Notes:
 3. Read the Installation & Operation Manual for more about refrigeration piping to properly size individual risers for circuits of more than one case.



Highlight Merchandiser® RHLC30T Remote Specs

RHLC30T and RHLC30TBB

Electrical & Energy Data ⁴



	Per Door Avg		2-Door		3-Door		4-Door		5-Door	
	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Number of Fans			2		3		4		5	
Fan Motors (115V)										
High-Efficiency Electronic (ECM or SSC)	0.30	23	0.60	46	0.90	69	1.20	92	1.50	115
Lighting System (120V)										
LED Lighting	0.16	19	0.32	38	0.48	58	0.64	77	0.79	96
Anti-Sweat Heat (115V)										
Standard-Energy Doors (CoolView Envision) ⁵	0.75	86	1.52	175	2.26	260	3.01	346	3.75	431
High-Humidity Package (CoolView Envision) ⁶	1.06	121	2.14	246	3.19	366	4.23	487	5.28	607
Solid Doors (CoolView Envision)	0.52	60	1.05	121	1.56	179	2.06	237	2.57	296
Defrost Heaters ^{7, 8}										
Single Phase (120V/1/60Hz or 208V/1/60Hz)	4.00	832	8.00	1,680	12.00	2,496	16.00	3,328	20.00	4,160
Three Phase (208V/3/60Hz)	2.31	832	4.66	1,680	6.93	2,496	9.23	3,328	11.55	4,160

Notes:
 4. Amps are based on electrical nameplate values. Watts are based on laboratory observations of actual energy use.
 5. Standard doors include glass heat, rail heat, sill, and mullion heat.
 6. High-humidity package includes 10% increase in glass heat, rail heat, and mullion heat. This package also includes an anti-sweat controller if in the United States or Territories.
 7. Electric Defrost: 1 per day. Defrost termination temperature setting is 50°F. Failsafe time is 55 minutes. Refer to the Installation & Operation Manual for details.
 8. Hot Gas Defrost: 1 per day. Defrost termination temperature setting is 65°F. Failsafe time is 30 minutes. Refer to the Installation & Operation Manual for details. Zero Zone recommends 1 riser per refrigeration circuit when utilizing hot gas defrost.

Physical Data



Merchandising	2-Door	3-Door	4-Door	5-Door
Facings (ft. ²)	29.4	44.1	58.8	73.5
Packout (ft. ³) 22" Shelves	54.7	82.1	109.3	136.7
Packout (ft. ³) 24" Shelves	58.8	88.2	117.5	147.0
Shipping Weight without End Panels	2-Door	3-Door	4-Door	5-Door
RHLC30T Weight (lbs.)	755	1,055	1,420	1,800
RHLC30TBB Weight (lbs.)	---	2,105	2,840	3,595
Shipping Weight with Solid End Panels ⁸	2-Door	3-Door	4-Door	5-Door
RHLC30T Weight (lbs.)	815	1,115	1,480	1,860
RHLC30TBB Weight (lbs.)	---	2,225	2,960	3,715
Shipping Weight with Windowed End ⁸	2-Door	3-Door	4-Door	5-Door
RHLC30T Weight (lbs.)	865	1,175	1,540	1,920
RHLC30TBB Weight (lbs.)	---	2,325	3,060	3,815

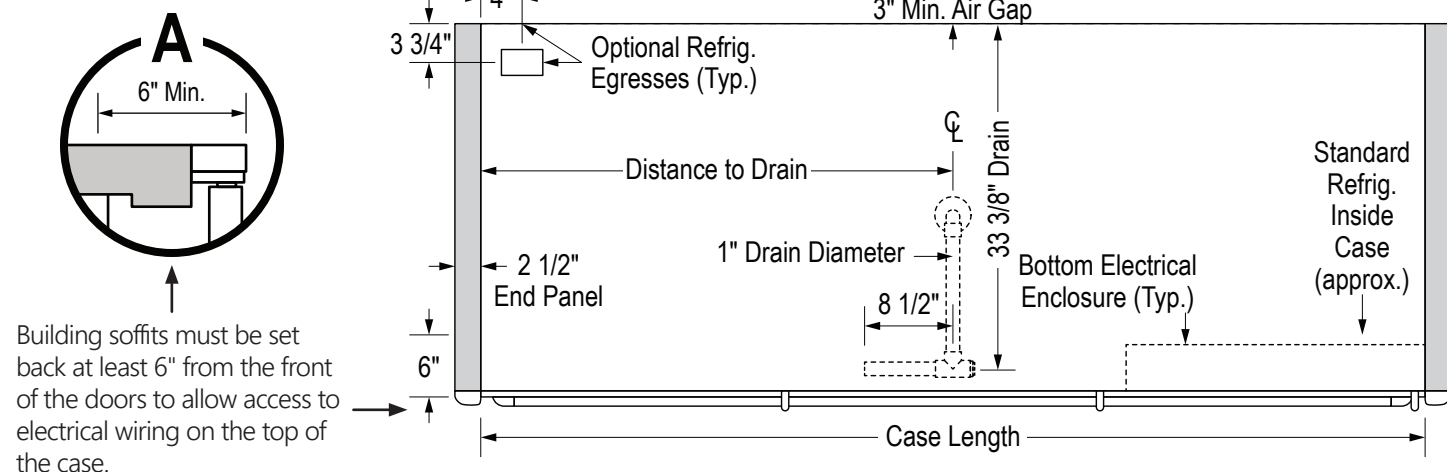
Notes:
 8. Each solid end panel: 30 lbs for RHLC30T or 60 lbs for RHLC30TBB. Each windowed end panel: 60 lbs. for RHLC30T or 110 lbs for RHLC30TBB.



Highlight Merchandiser® RHLC30T Remote Specs

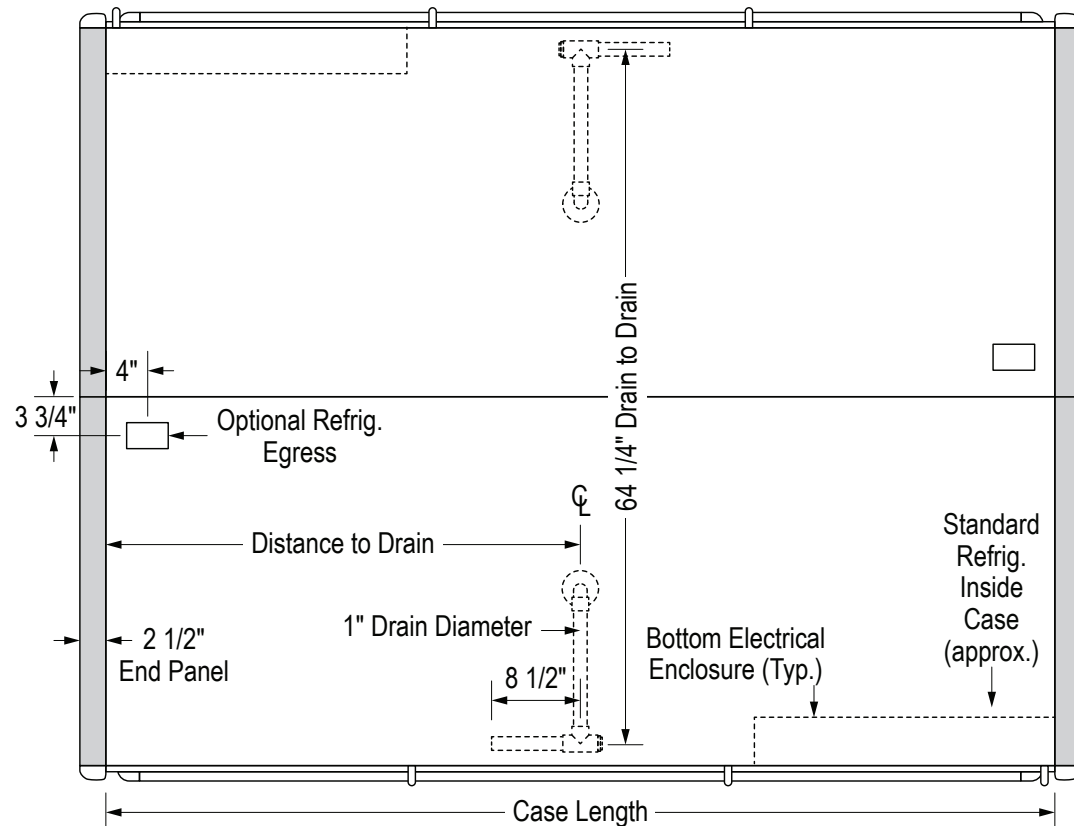
RHLC30T and RHCL30TBB

RHLC30T Top View



Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.

RHLC30TBB Back-to-Back Top View



Case Dimensions

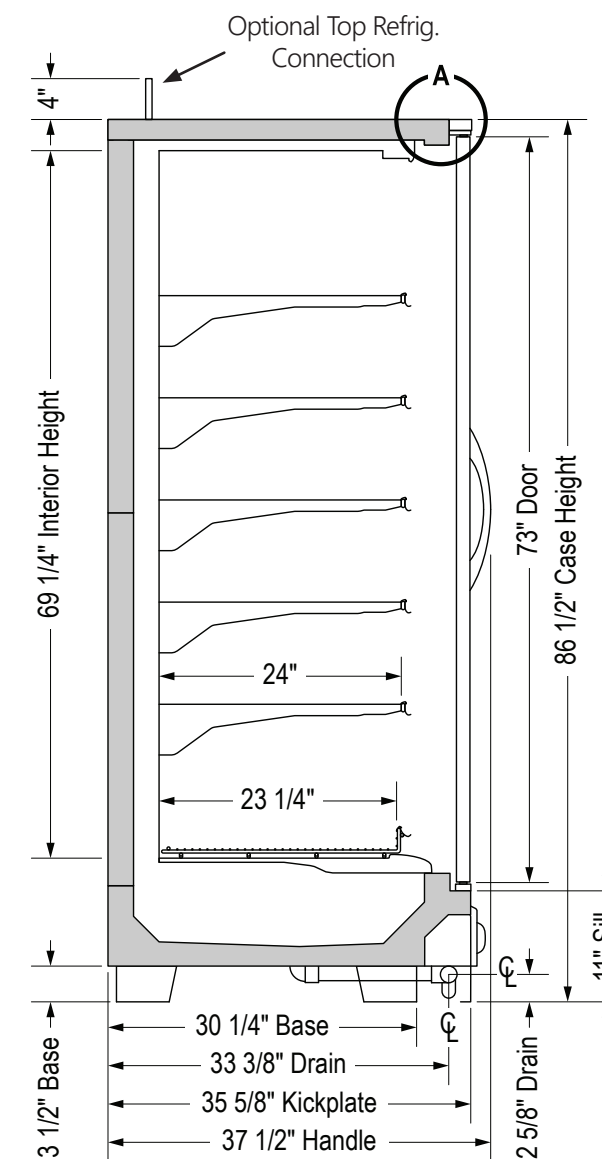
Measurements	2-Door	3-Door	4-Door	5-Door
Case Length (in.) without End Panels	60 7/8	91 3/8	121 3/4	152 1/4
Case Length (in.) with End Panels	65 7/8	96 3/8	126 3/4	157 1/4
Distance to Drain (in.)	30 1/2	45 5/8	60 7/8	76 1/8



Highlight Merchandiser® RHLC30T Remote Specs

RHLC30T and RHCL30TBB

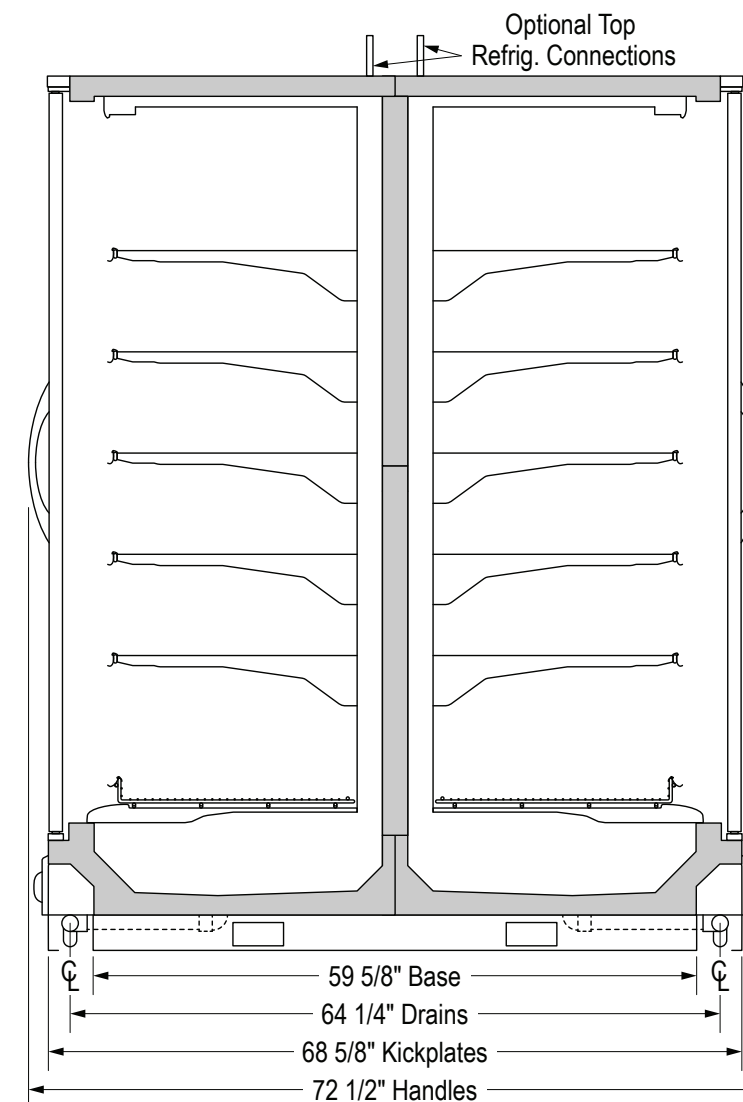
RHLC30T End View



Base Notes:

- Base height options available: 1 3/4", 3 1/2", or 6 1/2".
- Changing bases affects case height and shipping height.
- Drain height from the floor: 2 5/8" with 3 1/2" base.
- Use 1 3/4" tall bases to fit through 80" doorways (shipping height = 79 3/8"). These bases must use hat channel rails.

RHLC30TBB Back-to-Back End View



Shelf Notes:

- 22" or 24" deep shelves.
- 2-position (0°, 10°) or 4-position (0°, 5°, 10°, 15°) shelves
- Available with 6" tall bottom baskets instead of bottom wire racks.



HIGHLIGHT
merchandiser

Highlight Merchandiser® RHLC30IM Remote Specs

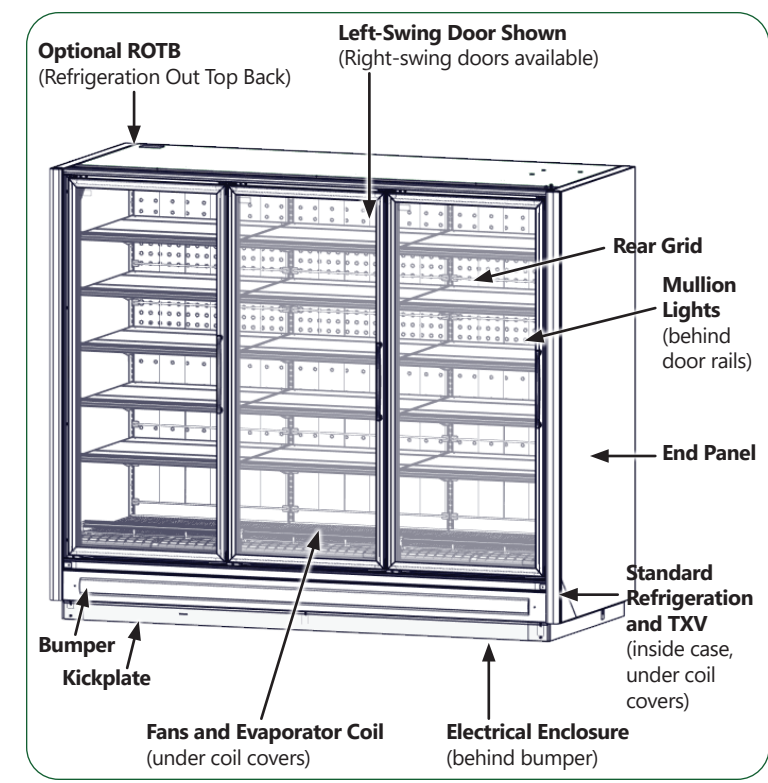
Low Temp Reach-In Remote Display Cases

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

Applications



Ice



Quick Specs

Energy (Btu/h per Door)*
Ice: 915 at 0°F Evaporator
*when used with parallel rack system

Merchandising (3-Door)
Facings: 40.9 ft²
Packout: 81.9 ft³ with 30" x 24" deep shelves
Packout Limit: 2,460 lbs. with 24" shelves

Features & Options

Go Green
Remote cases ready for CO₂

High Humidity
Control climate challenges with our advanced humidity package

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

LED Lighting
ChillBrite® 4000K LED Lighting

Additional Models
The Highlight® low temp lineup offers a standard, tall, back-to-back, and ice merchandiser. 90 bar rating available.

Hybrid™ Display Case
Available as Hybrid™ cases. See separate spec sheet.

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

Contact Us:
800-247-4496
www.zero-zone.com

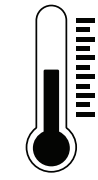
Specifications are subject to change without notice. All dimensions are nominal.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.



Highlight Merchandiser® RHLC30IM Remote Specs

RHLC30IM

Refrigeration Data



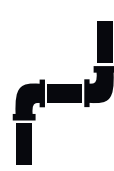
Set Points	°F
Evaporator Temperature ¹	0
Discharge Air Temperature (w/ 8°F Superheat)	4

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



Energy Use with Parallel Rack System ²	Individual Case Data (includes 1 pair of end panels)		
	1-Door	2-Door	3-Door
RHLC30IM Baseline Btu/h	915	1,740	2,625
Energy Use with Condensing Unit ²	1-Door	2-Door	3-Door
RHLC30IM Baseline Btu/h	970	1,845	2,780
Btu/h Adders	1-Door	2-Door	3-Door
Anti-Sweat High-Humidity Package	+100	+200	+300

Notes:
2. Baseline Evaporator Btu/h based on LED lighting (Zero Zone ChillBrite® 4000K), standard-energy doors (Zero Zone CoolView® Envision®), and ECM or SSC electronic fan motors.



Refrigeration Piping: R-404A & R-448A ³	Outlet Size (in.)		
	1-Door	2-Door	3-Door
Suction Line O.D. (Top Refrigeration Exit)	1/2	1/2	5/8
Liquid Line O.D. (Electric Defrost)	1/4	3/8	3/8
Refrigeration Piping: CO₂ ³	1-Door	2-Door	3-Door
Suction Line O.D. (Top Refrigeration Exit)	3/8	1/2	1/2
Liquid Line O.D. (Electric Defrost)	1/4	3/8	3/8

Notes:
3. Read the Installation & Operation Manual for more about refrigeration piping to properly size individual risers for circuits of more than one case.



Electrical & Energy Data ⁴



	1-Door		2-Door		3-Door	
	Amps	Watts	Amps	Watts	Amps	Watts
Number of Fans	1		2		3	
Fan Motors (115V)						
High-Efficiency Electronic (ECM or SSC)	0.30	20	0.60	38	0.90	59
Lighting System (120V)						
LED Lighting	0.15	18	0.29	35	0.44	53
Anti-Sweat Heat (115V) ⁵						
Standard-Energy Doors (CoolView® Envision)	0.72	83	1.43	164	2.13	245
High-Humidity Package (CoolView® Envision) ⁶	1.06	122	2.15	247	3.20	368
Solid Doors (CoolView® Envision)	0.50	58	1.01	116	1.50	173
Defrost Heaters ^{7, 8}						
Single Phase (120V/1/60Hz or 208V/1/60Hz)	9.10	1,047	8.00	1,680	12.00	2,496
Three Phase (208V/3/60Hz)	---	---	4.66	1,680	6.93	2,496

Notes:

- Amps are based on electrical nameplate values. Watts are based on laboratory observations of actual energy use.
- Standard doors include glass heat, rail heat, sill heat, mullion heat, and a deep coil.
- High-humidity package includes 10% increase in glass heat, rail heat, and mullion heat. This package also includes an anti-sweat controller if in the United States or Territories.
- Electric Defrost: 1 per day. Defrost termination temperature setting is 50°F. Failsafe time is 55 minutes. Refer to the Installation & Operation Manual for details.
- Hot Gas Defrost: 1 per day. Defrost termination temperature setting is 65°F. Failsafe time is 30 minutes. Refer to the Installation & Operation Manual for details. Zero Zone recommends 1 riser per refrigeration circuit when utilizing hot gas defrost.

Physical Data



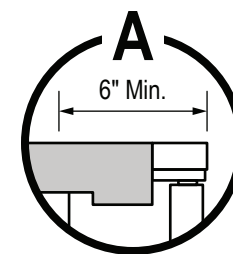
Merchandising	1-Door	2-Door	3-Door
Facings (ft. ²)	13.6	27.3	40.9
Packout (ft. ³) 24" Shelves	27.3	54.5	81.9
Packout Limit (lbs.) 24" Shelves	820	1,640	2,460
Shipping Weight without End Panels			
RHLC30IM Weight (lbs.)	532	783	1,033
Shipping Weight with Solid End Panels ⁹			
RHLC30IM Weight (lbs.)	592	843	1,093

Notes:

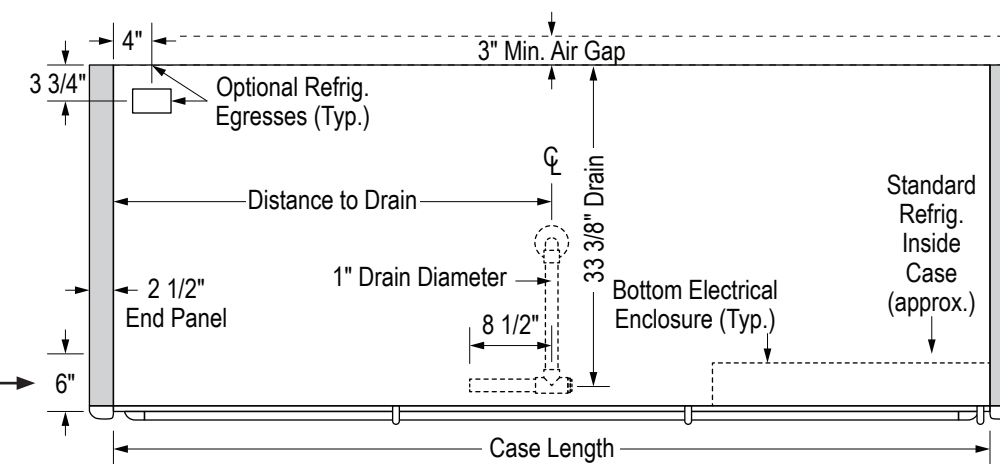
- Each solid end panel: 30 lbs.



RHLC30IM Top View



Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.

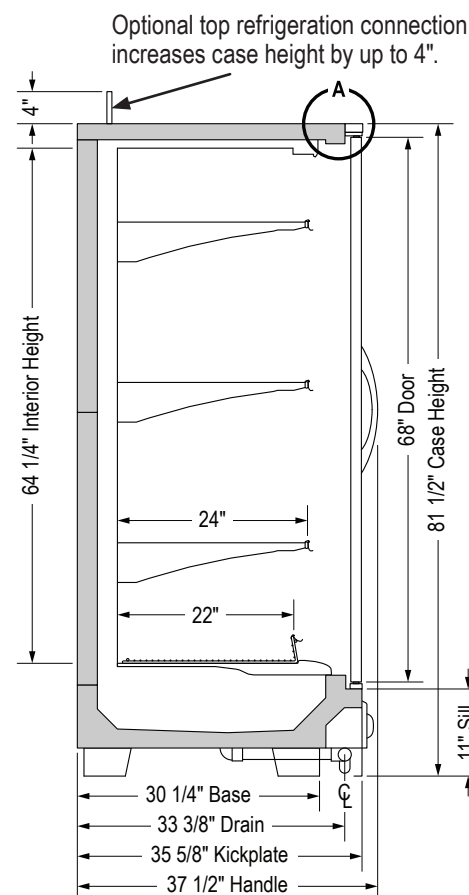


Case Dimensions

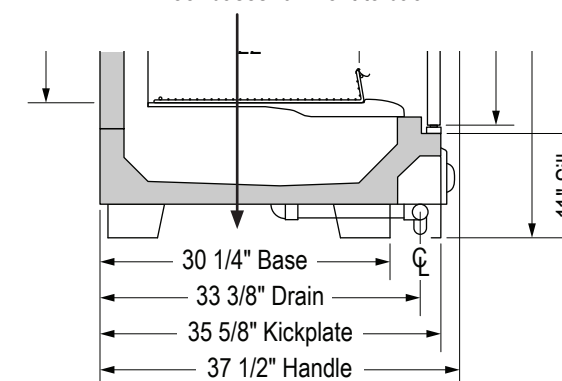


Measurements	1-Door	2-Door	3-Door
Case Length (in.) without End Panels	30 1/2	60 7/8	91 3/8
Case Length (in.) with End Panels	35 1/2	65 7/8	96 3/8
Distance to Drain (in.)	15 1/4	30 1/2	45 5/8

RHLC30IM End View



- Coil cover support posts, protective rear wall grid, and heavy duty bottom wire rack per door are included.
- 1-Door bases run front to back.



Base information:

- Base height: 3 1/2"
- Drain height from the floor: 2 5/8"



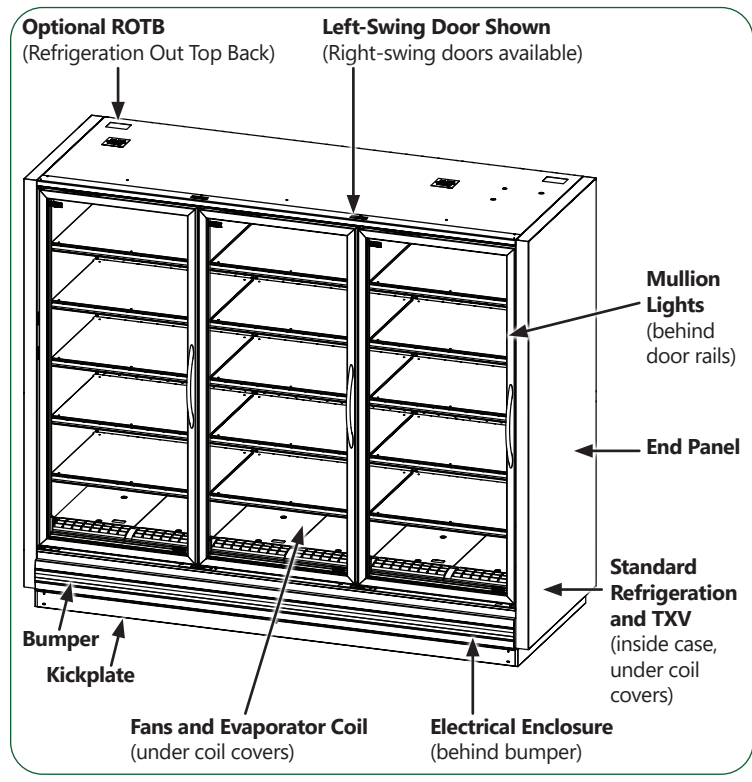
HIGHLIGHT
merchandise

Highlight Merchandiser® RHMC30 Remote Specs

Medium Temp Reach-In Remote Display Cases

1-Door, 2-Door, 3-Door, 4-Door, and 5-Door Cases, Back-to-Back (BB) Cases

Applications



Quick Specs

Energy (Btu/h per Door)*
Standard: 440 at 28°F Evaporator
*when used with parallel rack system

Merchandising (5-Door)
Facings: 68.2 ft²
Packout: 136.4 ft³ with 30" x 24" deep shelves

Features & Options

- Go Green**
Remote cases ready for CO₂ or synthetic refrigerants
- High Humidity**
Control climate challenges with advanced humidity package
- CoolView® Doors**
30" wide x 68" tall CoolView® Envision® Doors
- LED Lighting**
ChillBrite® 4000K LED Lighting
- Back-to-Back Cases**
Save on floor space and energy by choosing a back-to-back case.
- Additional Models**
The Highlight® medium temp lineup offers a standard, tall and back-to-back case. 90 bar rating available.
- Hybrid™ Display Case**
Available as Hybrid™ cases. See separate spec sheet.

QR Code
Manuals and Instructions:
<https://www.zero-zone.com/rhmc-rhc>

Contact Us:
800-247-4496
www.zero-zone.com

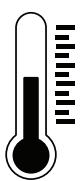
Specifications are subject to change without notice. All dimensions are nominal.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.



Highlight Merchandiser® RHMC30 Remote Specs

RHMC30 and RHMC30BB

Refrigeration Data



Set Points	°F
Evaporator Temperature ¹	28
Discharge Air Temperature (w/ 8°F Superheat)	33

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



Energy Use with Parallel Rack System ²	Lineup Data	Individual Case Data (includes 1 pair of end panels)				
	Per Door Avg	1-Door	2-Door	3-Door	4-Door	5-Door
RHMC30 Baseline Btu/h	440	490	990	1,430	1,870	2,310
RHMC30BB Baseline Btu/h (Each Side)	400	---	950	1,350	1,750	2,150
Energy Use with Condensing Unit ²	Per Door Avg	1-Door	2-Door	3-Door	4-Door	5-Door
RHMC30 Baseline Btu/h	475	530	1,070	1,545	2,020	2,495
RHMC30BB Baseline Btu/h (Each Side)	430	---	1,025	1,460	1,890	2,320
Btu/h Adders	Per Door Avg	1-Door	2-Door	3-Door	4-Door	5-Door
Anti-Sweat High-Humidity Package	+120	+120	+240	+360	+480	+600
Btu/h Adders	Per Case Avg					
Glass Windowed End Panel (Each)	+175					

Notes:
2. Baseline Evaporator Btu/h based on LED lighting (Zero Zone ChillBrite 4000K), standard-energy doors (Zero Zone CoolView® Envision®), and ECM or SSC electronic fan motors.

Glycol Data ³	2-Door	3-Door	4-Door	5-Door
Flow Rate (GPM)	0.8	1.2	1.6	2.0
Pressure Drop (PSIG)	5.6	4.9	3.1	2.7

Notes:
3. All glycol data based on 35% Polyethylene Glycol by weight, 20°F Supply Temperature, and 24°-26°F Outlet Temperature.



Refrigeration Piping: R-404A & R-448A ⁴	Outlet Size (in.)				
	1-Door	2-Door	3-Door	4-Door	5-Door
Suction Line O.D. (Standard Refrigeration Exit)	3/8	1/2	1/2	1/2	1/2
Suction Line O.D. (Top Refrigeration Exit)	---	3/8	3/8	1/2	1/2
Liquid Line O.D. (Electric Defrost)	1/4	1/4	1/4	3/8	3/8
Refrigeration Piping: CO ₂ ⁴	1-Door	2-Door	3-Door	4-Door	5-Door
Suction Line O.D. (Standard Refrigeration Exit)	3/8	3/8	3/8	3/8	3/8
Suction Line O.D. (Top Refrigeration Exit)	---	3/8	3/8	3/8	3/8
Liquid Line O.D. (Electric Defrost)	1/4	1/4	1/4	1/4	1/4

Notes:
4. Read the Installation & Operation Manual for more about refrigeration piping to properly size individual risers for circuits of more than one case.



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Page 1 of 5





Highlight Merchandiser® RHMC30 Remote Specs

RHMC30 and RHMC30BB

Electrical & Energy Data ⁵



	1-Door		2-Door		3-Door		4-Door		5-Door	
	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Number of Fans	1		2		3		4		5	
Fan Motors (115V)										
High-Efficiency Electronic (ECM or SSC)	0.30	11	0.60	22	0.90	33	1.20	44	1.50	55
Lighting System (120V)										
LED Lighting	0.15	18	0.29	35	0.44	53	0.59	70	0.73	88
Anti-Sweat Heat (115V) ^{6,7}										
Standard-Energy Doors (CoolView Envision)	0.16	18	0.31	36	0.47	54	0.63	72	0.78	90
High-Humidity Package (CoolView Envision) ⁷	0.57	66	1.14	131	1.71	197	2.29	263	2.86	329
Solid Doors (CoolView Envision)	0.16	18	0.31	36	0.47	54	0.63	72	0.78	90

Notes:

- 5. Amps are based on electrical nameplate values. Watts are based on laboratory observations of actual energy use.
- 6. Standard doors include glass heat and mullion heat.
- 7. High-humidity package includes 10% increase in glass heat, rail heat, and mullion heat. This package also includes an anti-sweat controller if in the United States or Territories.

Physical Data



Merchandising	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) 22" Shelves	25.4	50.0	75.0	100.0	125.0
Packout (ft. ³) 24" Shelves	27.3	54.5	81.9	109.0	136.4
Shipping Weight without End Panels	1-Door	2-Door	3-Door	4-Door	5-Door
RHMC30 Weight (lbs.)	530	720	970	1,280	1,585
RHMC30BB Weight (lbs.)	---	1,380	1,830	2,460	3,050
Shipping Weight with Solid End Panels ⁸	1-Door	2-Door	3-Door	4-Door	5-Door
RHMC30 Weight (lbs.)	590	780	1,030	1,340	1,645
RHMC30BB Weight (lbs.)	---	1,500	1,950	2,580	3,170
Shipping Weight with Windowed End ⁸	1-Door	2-Door	3-Door	4-Door	5-Door
RHMC30 Weight (lbs.)	---	830	1,080	1,390	1,695

Notes:

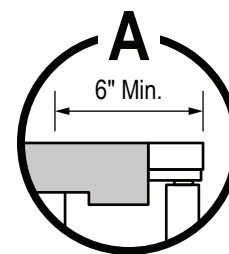
- 8. Each solid end panel: 30 lbs for RHMC30 or 60 lbs for RHMC30BB. Each windowed end panel: 55 lbs.



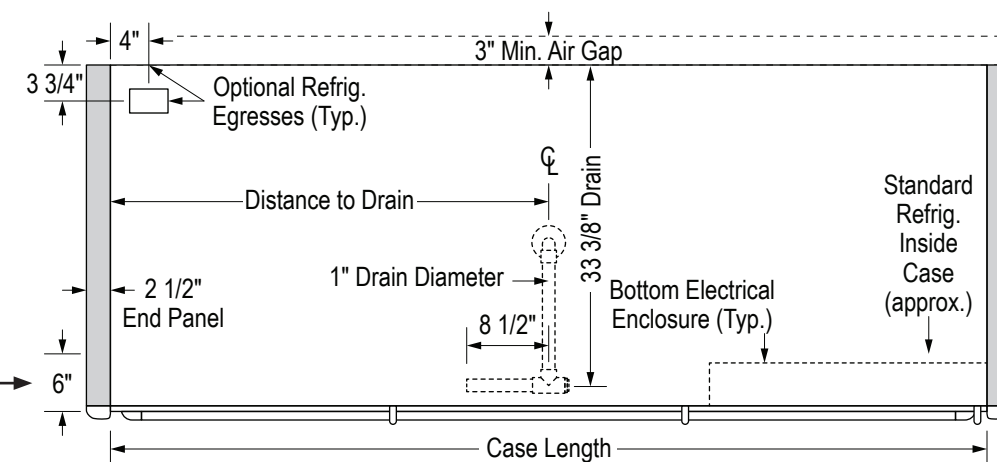
Highlight Merchandiser® RHMC30 Remote Specs

RHMC30 and RHMC30BB

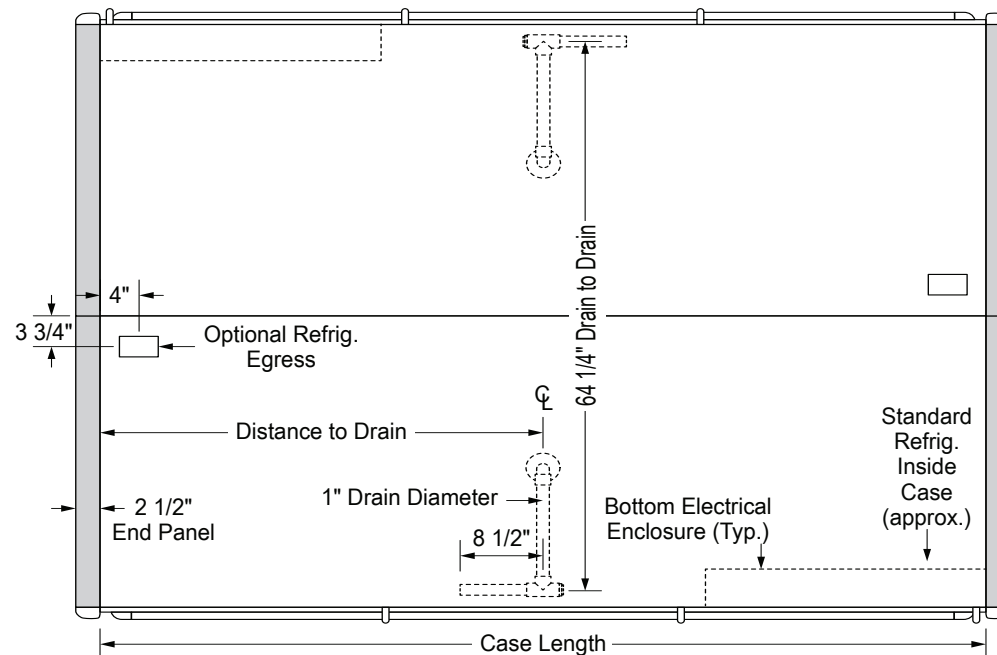
RHMC30 Top View



Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



RHMC30BB Back-to-Back Top View



Case Dimensions

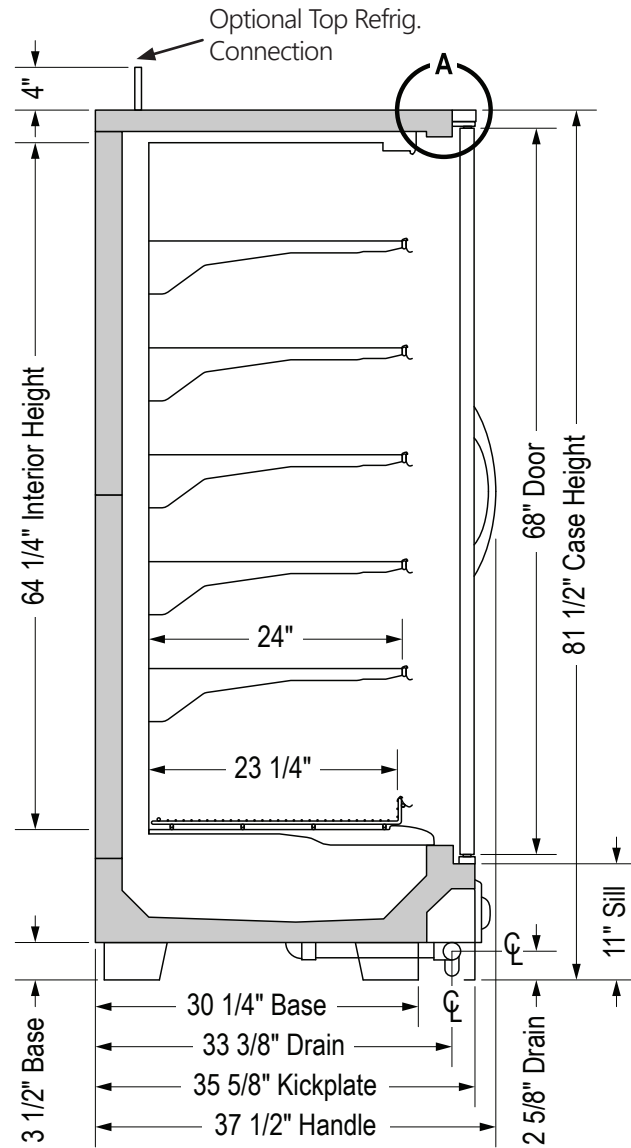
Measurements	1-Door	2-Door	3-Door	4-Door	5-Door
Case Length (in.) without End Panels	30 1/2	60 7/8	91 3/8	121 3/4	152 1/4
Case Length (in.) with End Panels	35 1/2	65 7/8	96 3/8	126 3/4	157 1/4
Distance to Drain (in.)	15 1/4	30 1/2	45 5/8	60 7/8	76 1/8



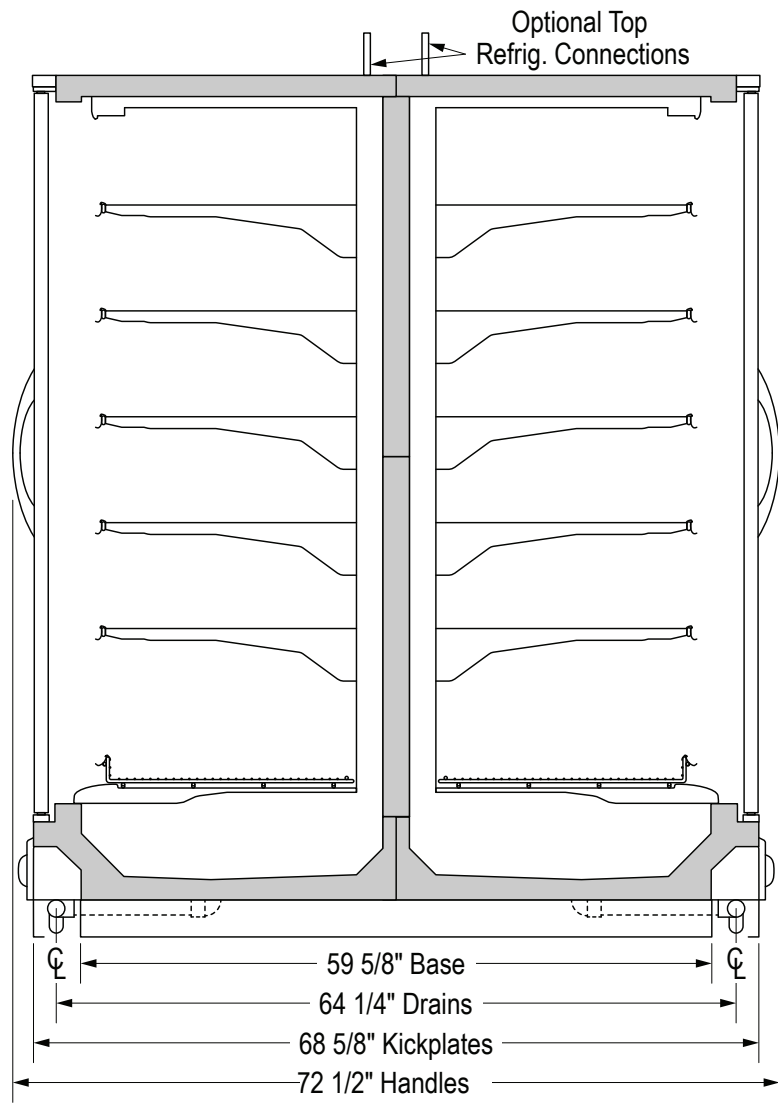
Highlight Merchandiser® RHMC30 Remote Specs

RHMC30 and RHMC30BB

RHMC30 End View



RHMC30BB Back-to-Back End View



- Base Notes:
- Base height options available: 1 3/4", 3 1/2", or 6 1/2".
 - Changing bases affects case height and shipping height.
 - Drain height from the floor: 2 5/8" with 3 1/2" base.
 - Use 1 3/4" tall bases to fit through 80" doorways (shipping height = 79 5/8"). These bases must use hat channel rails.

- Shelf Notes:
- 22" or 24" deep shelves.
 - 2-position (0°, 10°) or 4-position (0°, 5°, 10°, 15°) shelves
 - Available with 6" tall bottom baskets instead of bottom wire racks.



Highlight Merchandiser® RHMC30T Remote Specs

Medium Temp Tall Reach-In Remote Display Cases

1-Door through 5-Door Cases, Back-to-Back (BB) Cases

Applications



Quick Specs

Energy (Btu/h per Door)*

Standard: 475 at 28°F Evaporator
*when used with parallel rack system

Merchandising (Per Door)

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

Features & Options

Go Green

Remote cases ready for CO₂

High Humidity

Control climate challenges with advanced humidity package

CoolView® Doors

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

LED Lighting

ChillBrite® 3500K or 4000K LED Lighting

Additional Models

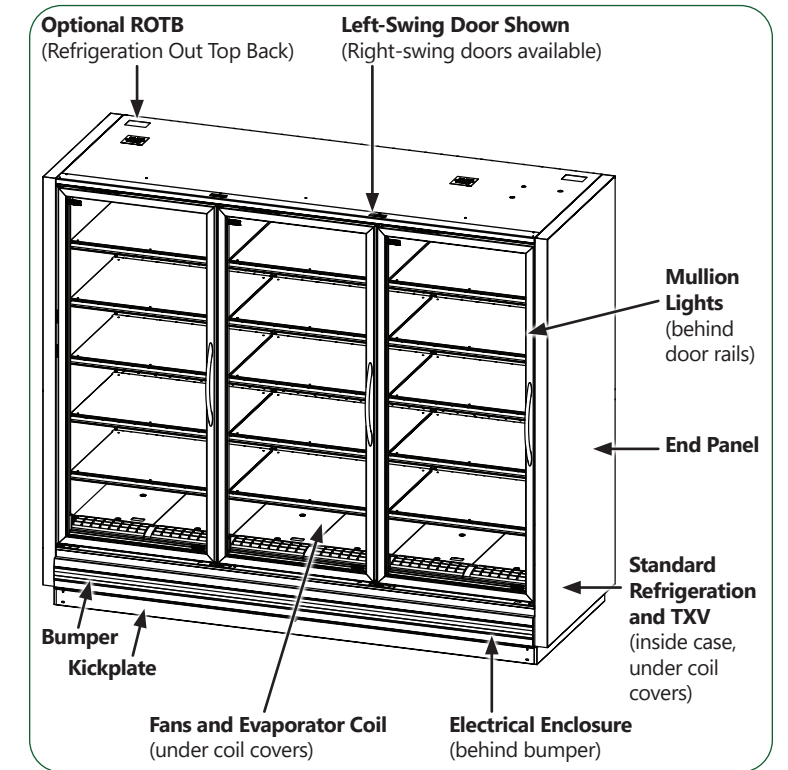
The Highlight® medium temp lineup offers a standard, tall and back-to-back case. 90 bar rating available.

Hybrid™ Display Case

Available as Hybrid™ cases. See separate spec sheet.



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



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.



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Highlight Merchandiser® RHMC30T Remote Specs

RHMC30T and RHMC30TBB

Refrigeration Data



Set Points	°F
Evaporator Temperature ¹	28
Discharge Air Temperature (w/ 8°F Superheat)	33

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

Energy Use with Parallel Rack System ²	Lineup Data	Individual Case Data (includes 1 pair of end panels)			
	Per Door Avg	2-Door	3-Door	4-Door	5-Door
RHMC30T Baseline Btu/h	475	1,050	1,525	2,000	2,475
RHMC30TBB Baseline Btu/h (Each Side)	430	---	1,405	1,840	2,275
Energy Use with Condensing Unit ²	Per Door Avg	2-Door	3-Door	4-Door	5-Door
RHMC30T Baseline Btu/h	515	1,135	1,650	2,160	2,675
RHMC30TBB Baseline Btu/h (Each Side)	475	---	1,515	1,990	2,455
Btu/h Adders	Per Door Avg	2-Door	3-Door	4-Door	5-Door
Anti-Sweat High-Humidity Package	130	260	390	520	650
Btu/h Adders	Per Case Avg				
Glass Windowed End Panel (Each) ³	175				

Notes:
 2. Baseline Evaporator Btu/h based on LED lighting (Zero Zone ChillBrite 4000K), standard-energy doors (Zero Zone CoolView® Envision®), and ECM or SSC electronic fan motors.
 3. Glass windowed end panels only available with 2 1/2" end panels.

Glycol Data ⁴	2-Door	3-Door	4-Door	5-Door
Flow Rate (GPM)	0.8	1.2	1.6	2.0
Pressure Drop (PSIG)	5.6	4.9	3.1	2.7

Notes:
 4. All glycol data based on 35% Polyethylene Glycol by weight, 20°F Supply Temperature, and 24°-26°F Outlet Temperature.



Refrigeration Piping: R-404A & R-448A ⁴	Outlet Size (in.)			
	2-Door	3-Door	4-Door	5-Door
Suction Line O.D. (Standard Refrigeration Exit)	1/2	1/2	1/2	1/2
Suction Line O.D. (Top Refrigeration Exit)	3/8	3/8	1/2	1/2
Liquid Line O.D.	1/4	1/4	3/8	3/8
Refrigeration Piping: CO ₂ ⁵	1-Door	2-Door	3-Door	4-Door
Suction Line O.D. (Standard Refrigeration Exit)	3/8	3/8	3/8	3/8
Suction Line O.D. (Top Refrigeration Exit)	3/8	3/8	3/8	3/8
Liquid Line O.D.	1/4	1/4	1/4	1/4

Notes:
 5. Read the Installation & Operation Manual for more about refrigeration piping to properly size individual risers for circuits of more than one case.



Highlight Merchandiser® RHMC30T Remote Specs

RHMC30T and RHMC30TBB

Electrical & Energy Data ⁶



	Per Door Avg		2-Door		3-Door		4-Door		5-Door	
	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Number of Fans			2		3		4		5	
Fan Motors (115V)										
High-Efficiency Electronic (ECM or SSC)	0.30	12	.60	24	0.90	36	1.20	48	1.50	60
Lighting System (120V)										
LED Lighting	0.16	19	0.32	38	0.48	58	0.64	77	0.79	96
Anti-Sweat Heat (115V) ^{7,8}										
Standard-Energy Doors (CoolView® Envision)	0.17	20	0.35	40	0.52	60	0.70	80	0.87	100
High-Humidity Package (CoolView® Envision)	0.61	70	1.22	140	1.83	210	2.43	280	3.04	350
Solid Doors (CoolView® Envision)	0.17	20	0.35	40	0.52	60	0.70	80	0.87	100

Notes:
 6. Amps are based on electrical nameplate values. Watts are based on laboratory observations of actual energy use.
 7. Standard doors include glass heat and mullion heat.
 8. High-humidity package includes 10% increase in glass heat and mullion heat.

Physical Data



Merchandising	2-Door	3-Door	4-Door	5-Door
Facings (ft. ²)	29.4	44.1	58.8	73.5
Packout (ft. ³) 22" Shelves	54.7	82.1	109.3	136.7
Packout (ft. ³) 24" Shelves	58.8	88.2	117.5	147.0
Shipping Weight without End Panels	2-Door	3-Door	4-Door	5-Door
RHMC30 Weight (lbs.)	755	1,055	1,420	1,800
RHMC30BB Weight (lbs.)	---	2,105	2,840	3,595
Shipping Weight with Solid End Panels ⁹	2-Door	3-Door	4-Door	5-Door
RHMC30 Weight (lbs.)	815	1,115	1,480	1,860
RHMC30BB Weight (lbs.)	---	2,225	2,960	3,715
Shipping Weight with Windowed End ⁹	2-Door	3-Door	4-Door	5-Door
RHMC30 Weight (lbs.)	865	1,165	1,530	1,910
RHMC30BB Weight (lbs.)	---	2,325	3,060	3,815

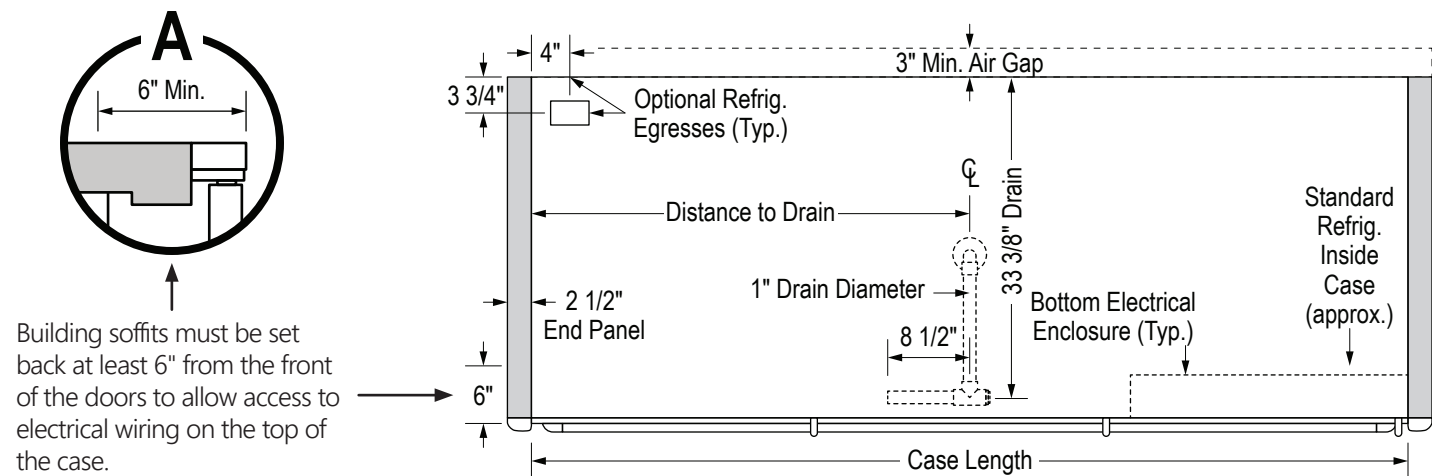
Notes:
 9. Each solid end panel: 30 lbs for RHLC30T or 60 lbs for RHLC30TBB. Each windowed end panel: 55 lbs. for RHLC30T or 110 lbs for RHLC30TBB.



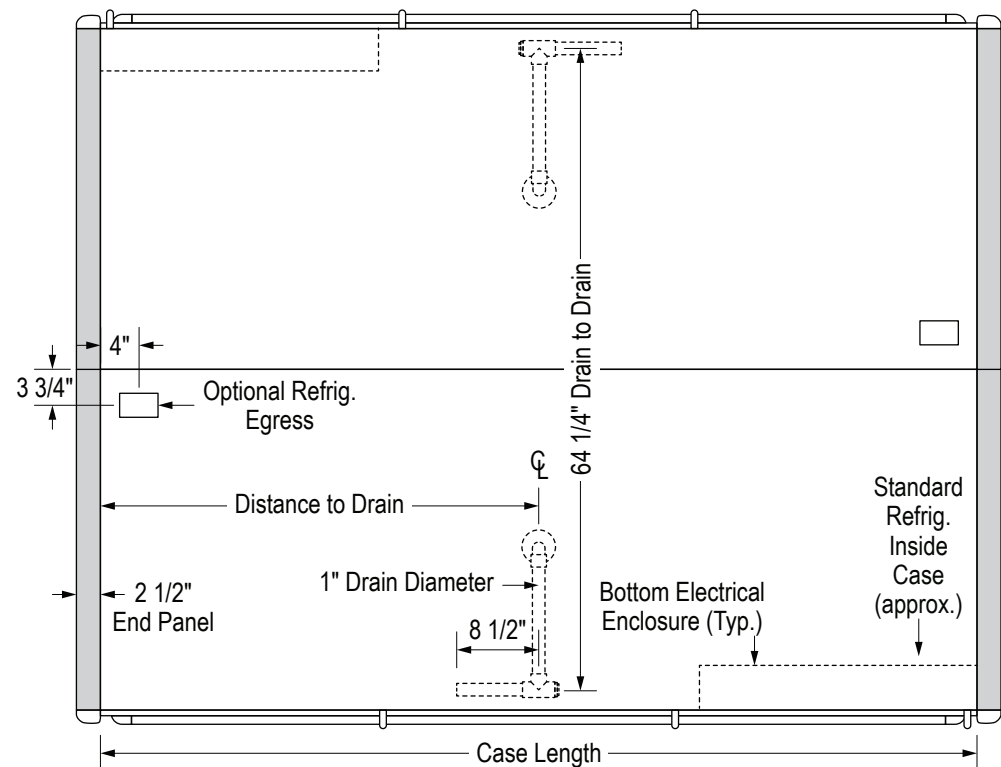
Highlight Merchandiser® RHMC30T Remote Specs

RHMC30T and RHMC30TBB

RHMC30T Top View



RHMC30TBB Back-to-Back Top View



Case Dimensions



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 ¹¹	35 1/2	65 7/8	96 3/8	126 3/4	157 1/4
Distance to Drain (in.)	15 1/4	30 1/2	45 5/8	60 7/8	76 1/8

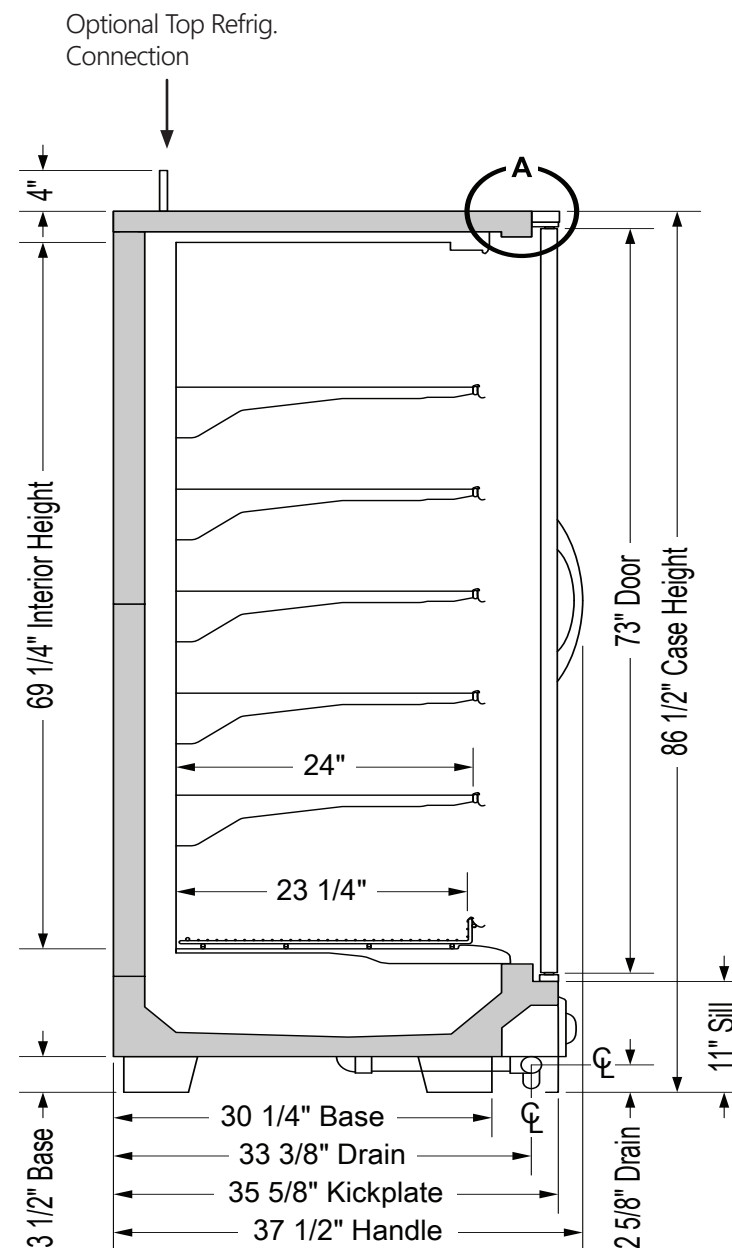
Notes:
11. Each end panel is 2 1/2" thick.



Highlight Merchandiser® RHMC30T Remote Specs

RHMC30T and RHMC30TBB

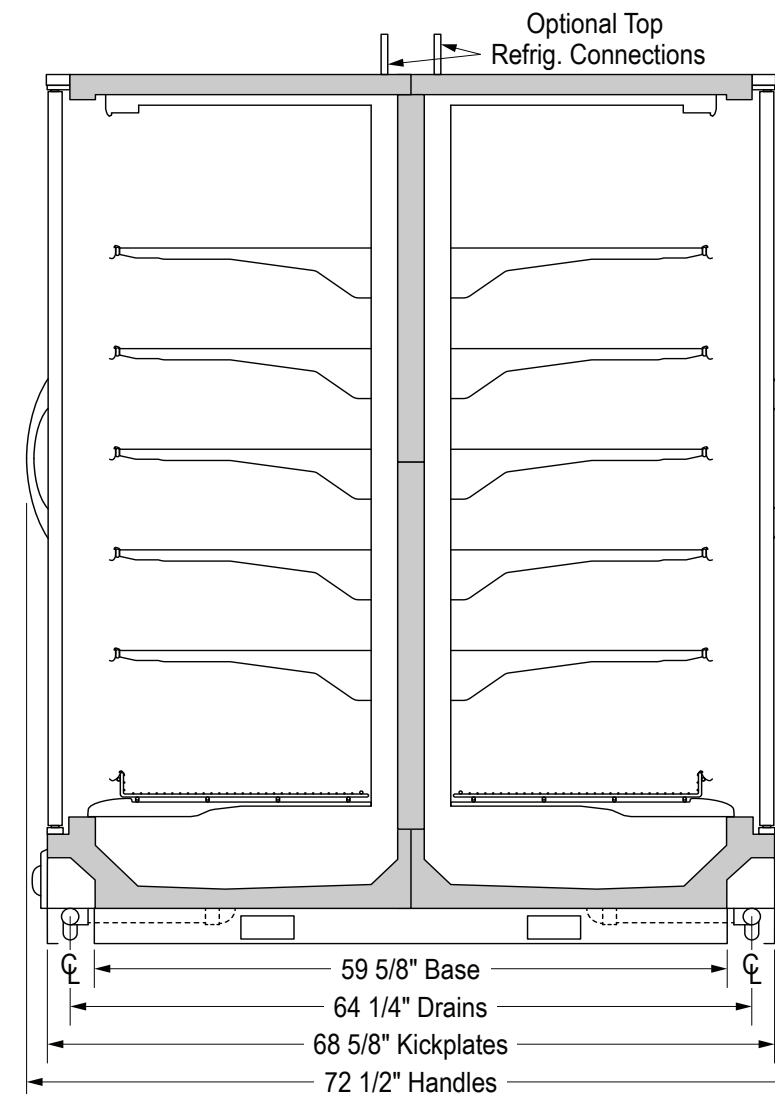
RHMC30T End View



Base Notes:

- Base height options available: 1 3/4", 3 1/2", or 6 1/2".
- Changing bases affects case height and shipping height.
- Drain height from the floor: 2 5/8" with 3 1/2" base.
- Use 1 3/4" tall bases to fit through 80" doorways (shipping height = 79 5/8"). These bases must use hat channel rails.

RHMC30TBB Back-to-Back End View



Shelf Notes:

- 22" or 24" deep shelves.
- 2-position (0°, 10°) or 4-position (0°, 5°, 10°, 15°) shelves
- Available with 6" tall bottom baskets instead of bottom wire racks.



HIGHLIGHT
merchandiser®

Highlight Merchandiser® RHCC24 Remote Specs
Medium Temp French Door Reach-In Remote Display Cases
2-Door 3-Door, 4-Door, and 6-Door Cases

Applications



Quick Specs

Energy (Btu/h per Door)*
Standard: 350 at 28°F Evaporator
*when used with parallel rack systems

Merchandising (6-Door)
Facings: 64.5 ft²
Packout: 127.2 ft³ with 30" x 24" deep shelves

Features & Options

- Go Green**
Remote cases ready for CO₂
- High Humidity**
Control climate challenges with our advanced humidity package
- CoolView® Doors**
24" wide x 68" tall CoolView® Ultra® Doors
- LED Lighting**
ChillBrite® 4000K LED Lighting
- Additional Models**
The Highlight® medium temp lineup offers a standard, tall and back-to-back case. 90 bar rating available.

Hybrid™ Display Case
Available as Hybrid™ cases. See separate spec sheet.

QR Code
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.



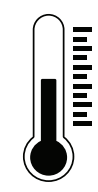
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Highlight Merchandiser® RHCC24 Remote Specs

RHCC24

Refrigeration Data



Set Points	°F
Evaporator Temperature ¹	28
Discharge Air Temperature (w/ 8°F Superheat)	33

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



Energy Use with Parallel Rack System ²	Lineup Data	Individual Case Data (includes 1 pair of end panels)			
	Per Door Avg	2-Door	3-Door	4-Door	6-Door
RHCC24 Baseline Btu/h	350	700	1,050	1,400	2,100
Energy Use with Condensing Unit ²	Per Door Avg	2-Door	3-Door	4-Door	6-Door
RHCC24 Baseline Btu/h	380	755	1,135	1,510	2,270
Additional Features	Per Case Avg				
Glass Windowed End Panel (1-Pair)	+175				

Notes:
2. Baseline Evaporator Btu/h based on LED lighting (Zero Zone ChillBrite® 4000K), standard-energy doors (Zero Zone CoolView® Ultra®), and ECM or SSC electronic fan motors.

Glycol Data ⁴	2-Door	3-Door	4-Door	6-Door
Flow Rate (GPM)	0.7	1.1	1.5	2.4
Pressure Drop (PSIG)	2.0	3.8	6.3	3.7

Notes:
4. All glycol data based on 35% Polyethylene Glycol by weight, 20°F Supply Temperature, and 24°-26°F Outlet Temperature.



Refrigeration Piping: R-404A & R-448A	Outlet Size (in.)			
	2-Door	3-Door	4-Door	6-Door
Suction Line O.D. (Top Refrigeration Exit)	3/8	3/8	3/8	1/2
Liquid Line O.D.	1/4	1/4	1/4	3/8



Electrical & Energy Data ⁵



	Per Door Avg		2-Door		3-Door		4-Door		6-Door	
	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Number of Fans			2		3		3		5	
Fan Motors (115V)										
High-Efficiency Electronic (ECM or SSC)	0.42	9	0.84	17	1.26	26	1.26	26	2.1	52
Lighting System (120V)										
Same-Swing Doors (Fig. 1: Options A & B)	0.15	18	0.31	36	0.46	54	0.62	72	0.93	108
French-Swing Doors (Fig.1: Options C, D, E, F for 3-Door)	0.18	21	0.36	42	0.48	56	0.72	84	1.08	126
Anti-Sweat Heat (115V)										
No-Energy, Same-Swing Dors	0.16	18	0.31	36	0.47	54	0.63	72	0.94	108
No-Energy, French-Swing Doors	0.11	13	0.22	26	0.38	44	0.44	52	0.66	78

Notes:
5. Amps are based on electrical nameplate values. Watts are based on laboratory observations of actual energy use.

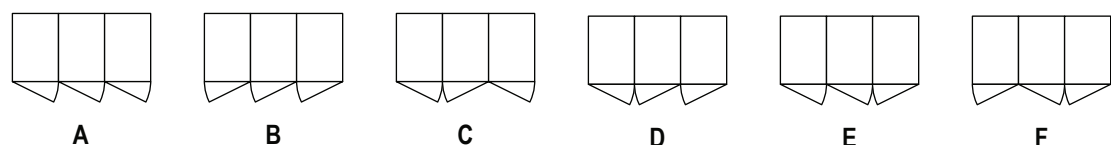
Physical Data



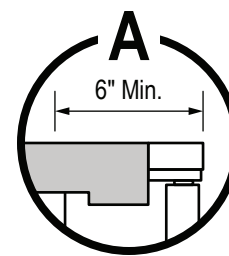
Merchandising	2-Door	3-Door	4-Door	6-Door
Facings (ft. ²)	21.8	32.5	43.1	64.5
Packout (ft. ³) 22" Shelves	40.0	59.5	79.0	118.3
Packout (ft. ³) 24" Shelves	43.1	64.0	85.0	127.2
Shipping Weight without End Panels				
RHCC24 Weight (lbs.)	605	850	975	1,550
Shipping Weight with Solid End Panels ⁶				
RHCC24 Weight (lbs.)	665	910	1,035	1,610
Shipping Weight with Windowed End Panels ⁶				
RHCC24 Weight (lbs.)	715	960	1,085	1,660

Notes:
6. Each solid end panel: 30 lbs for RHCC24. Each windowed end panel: 55lbs for RHCC24

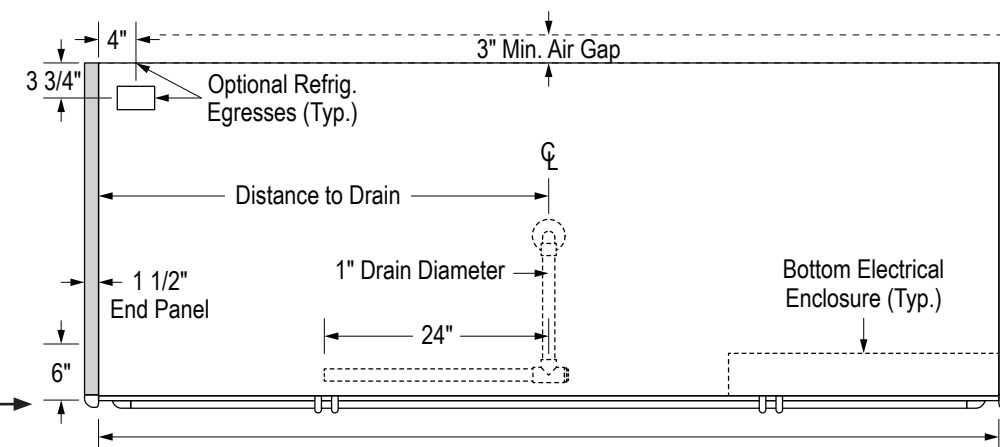
FIG. 1: 3-Door Swing Configuration Options



RHCC24 Top View



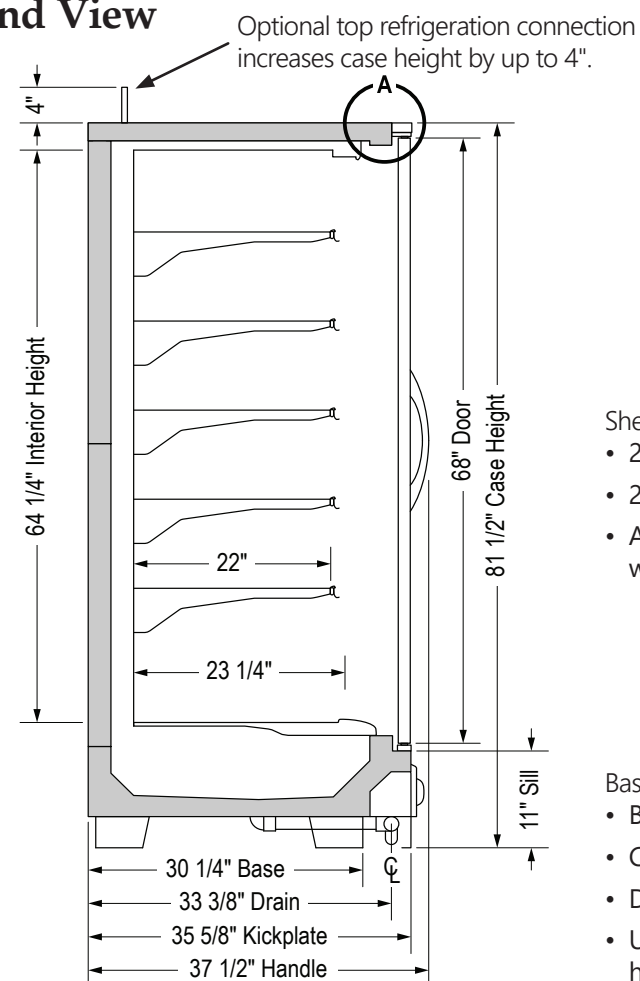
Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



Case Dimensions

Measurements	2-Door	3-Door	4-Door	6-Door
Case Length (in.) without End Panels	48 3/4	72 1/2	96 1/4	144
Case Length (in.) with End Panels	51 3/4	75 1/2	199 1/4	147
Distance to Drain (in.)	24 3/8	36 1/4	48 1/8	71 7/8

RHCC24 End View



Shelf Notes:
 • 22" or 24" deep shelves.
 • 2-position (0°, 10°) or 4-position (0°, 5°, 10°, 15°) shelves
 • Available with 6" tall bottom baskets instead of bottom wire racks.

Base Notes:
 • Base height options available: 1 3/4", 3 1/2", or 6 1/2".
 • Changing bases affects case height and shipping height.
 • Drain height from the floor: 2 5/8" with 3 1/2" base.
 • Use 1 3/4" tall bases to fit through 80" doorways (shipping height = 79 5/8"). These bases must use hat channel rails.

Notes

Notes



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1-YEAR PARTS
10-YEAR GLASS PACK
5-YEAR LED PARTS

