



Highlight Merchandiser® RHZC30IM Ice Merchandiser Specs

Low Temp Ice Merchandiser Reach-Ins with 30" x 68" CoolView® Envision® Doors

Energy Data

REFRIGERATION

Evaporator Temperature (°F)
Baseline Btuh ^{1,2}
Discharge Air Temp. (°F) (w/ 8°F Superheat)
Btuh Deducts
Solid Door
Btuh Adders
Anti-Sweat High Humidity Package

INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)		
1-Door	2-Door	3-Door
0	0	0
990	1,900	2,670
4	4	4
Per Door Avg.		
-65		
Per Door Avg.		
100		

ELECTRICAL DATA ³

Fan Motors (115V) ⁴
High Efficiency Electronic (SSC/ECM)
Lighting System (120V)
LED Lighting (Zero Zone ChillBrite™ 5)
Anti-Sweat Heat (115V) ⁵
Standard-Energy Doors (Zero Zone CoolView® Envision®)
High Humidity Package (Zero Zone CoolView® Envision®) ⁶
Solid Doors (Zero Zone CoolView® Envision®)
Defrost Heaters ^{7,8}
Single Phase (120V/1/60Hz or 208V/1/60Hz) ⁹
Three Phase (208V/3/60Hz) ¹⁰

1-Door		2-Door		3-Door	
Amps	Watts	Amps	Watts	Amps	Watts
0.30	20	0.60	38	0.90	59
Amps		Amps		Amps	
0.15	18	0.29	35	0.44	53
Amps		Amps		Amps	
0.72	83	1.43	164	2.13	245
1.06	122	2.15	247	3.20	368
0.50	57	1.01	116	1.50	173
Amps		Amps		Amps	
9.10	1,047	8.00	1,680	12.00	2,496
Amps		Amps		Amps	
		4.66	1,680	6.93	2,496

Notes:

- Baseline Evaporator Btuh based on parallel rack system, LED lighting (Zero Zone ChillBrite™ 5), standard-energy doors (Zero Zone CoolView® Envision®), and SSC electronic fan motors.
- For condensing units (non-rack system), multiply total Btuh rating by 1.06.
- Amps are based on electrical nameplate values; watts are based on laboratory observations of actual energy use.
- One fan motor per door.
- Door (Anti-Sweat) Options: standard-energy and high humidity package = heated glass and heated rails; solid doors = heated rails. All options include mullion and sill heat.
- Anti-Sweat Controller required for high humidity package to comply with DOE energy requirements.
- 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.
- 1-Door uses 120V/1/60Hz. 2 and 3-Door uses 208V/1/60Hz.
- Three-Phase Defrost is only available for 2 and 3-Door cases with 208V/3/60Hz.

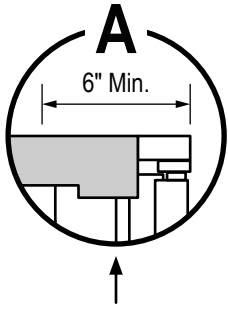
Physical Data

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)	Case Capacity		
				Facings (ft. ²)	Packout (ft. ³) 24" Shelves	Packout (lbs.)
Suction Line O.D. (Refrig. OTB Piping)	1/2	1	532	14.1	27.9	837
Suction Line O.D. (Refrig. OTB Piping)	5/8	2	783	27.8	55.6	1,668
Liquid Line O.D. (Elec. Defrost) (Refrig. OTB Piping)	1/4	3	1,033	41.4	82.9	2,487
Liquid Line O.D. (Elec. Defrost) (Refrig. OTB Piping)	3/8	Solid End Panel	30	N/A	N/A	N/A

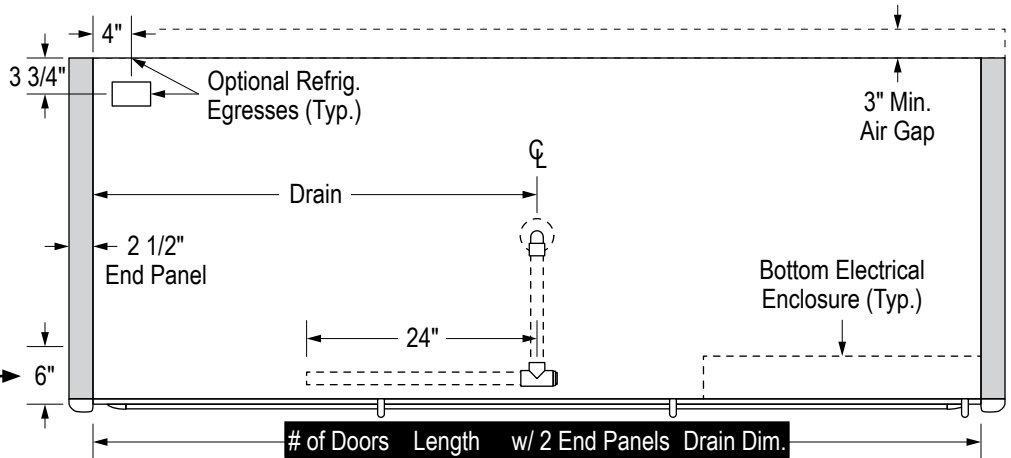


Highlight Merchandiser® RHZC30IM Ice Merchandiser Specs

Low Temp Ice Merchandiser Reach-Ins with 30" x 68" CoolView® Envision® Doors

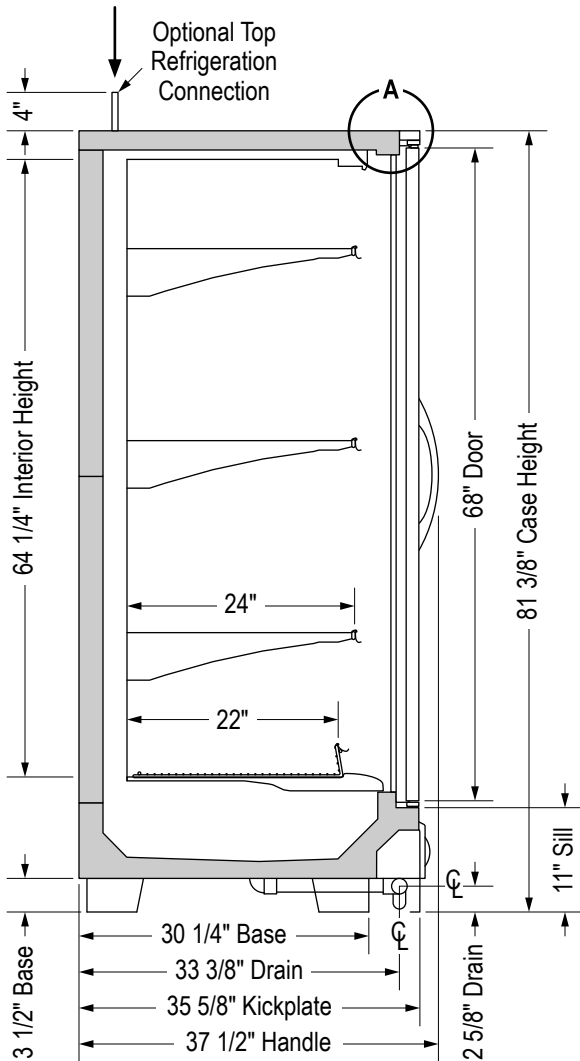


Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.

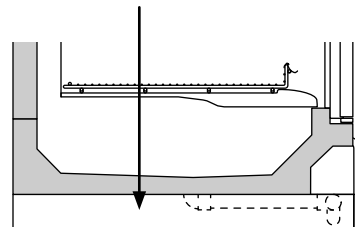


# of Doors	Length	w/ 2 End Panels	Drain Dim.
1	31 5/8"	36 5/8"	15 7/8"
2	62 1/8"	67 1/8"	31"
3	92 1/2"	97 1/2"	46 1/4"

Top refrigeration connections increase case height by up to 4".



- 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.



12/27/18

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.



Zero Zone, Inc. | 110 N Oakridge Drive | North Prairie, WI 53153-9792
Toll Free: 800-247-4496 | Fax: 262-392-6450
www.zero-zone.com

© 2018 Zero Zone, Inc.



Intertek