



Highlight™ Merchandiser RHZC30T & RHZC30TBB Specs

Low Temp Tall Reach-Ins with 30" x 73" Doors

Note: All Zero Zone display cases manufactured for shipment within the U.S. meet or exceed current DOE energy requirements.

ENERGY DATA

Refrigeration <small>(see note #1 for components included in baseline Btuh)</small>	
Evaporator Temperature (°F)	-7
Baseline Btuh ^{1, 2, 3}	950
Discharge Air Temp. (°F) (w/ 8°F Superheat)	-3
Btuh Deducts	
Back-To-Back (Model BB)	-75
Solid Door	-70
Btuh Adders	
Optional Glass Windowed End Panel (Each)	315
Anti-Sweat High Heat Option	90

LINEUP DATA	
Per Door Avg.	
F.F.	I.C.
-7	-16
950	1,035
-3	-12
F.F.	I.C.
-75	-85
-70	-70
F.F.	I.C.
315	350
90	90

INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)									
2-Door		3-Door		4-Door		5-Door			
F.F.	I.C.	F.F.	I.C.	F.F.	I.C.	F.F.	I.C.		
-7	-16	-7	-16	-7	-16	-7	-16		
2,080	2,250	3,030	3,290	3,980	4,320	4,920	5,370		
-3	-12	-3	-12	-3	-12	-3	-12		

Fan Motors (115V) ⁴	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High Efficiency Electronic (SSC/ECM)	0.30	23	0.60	46	0.90	69	1.20	92	1.50	115
Lighting System (120V) (other LED options available)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
LED Lighting (Zero Zone ChillBrite™ 5)	0.16	19	0.32	38	0.48	58	0.64	77	0.79	96
Anti-Sweat Heat (115V) ^{5, 6}	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Standard-Energy Doors (Zero Zone CoolView Envision™)	0.75	86	1.52	175	2.26	260	3.01	346	3.75	431
High Heat Option (Zero Zone CoolView Envision™)	1.06	121	2.14	246	3.19	366	4.23	487	5.28	607
Solid Doors (Zero Zone CoolView Envision™)	0.51	59	1.05	121	1.55	179	2.06	237	2.57	295
Defrost Heaters (208V) ^{7, 8}	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Defrost Heater	4.00	832	8.00	1,664	12.00	2,496	16.00	3,328	20.00	4,160

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 heat option = heated glass and heated rails; solid doors = heated rails. All options include mullion and sill heat.
- Anti-Sweat Controller required for the high heat option to comply with DOE energy requirements.
- Electric Defrost: 1 per day. 19 minutes frozen food. 28 minutes ice cream. Failsafe 55 minutes. Refer to the Installation & Operation Manual for details.
- Hot Gas Defrost: 1 per day. 12 to 22 minutes. Failsafe 30 minutes. Refer to the Installation & Operation Manual for details.

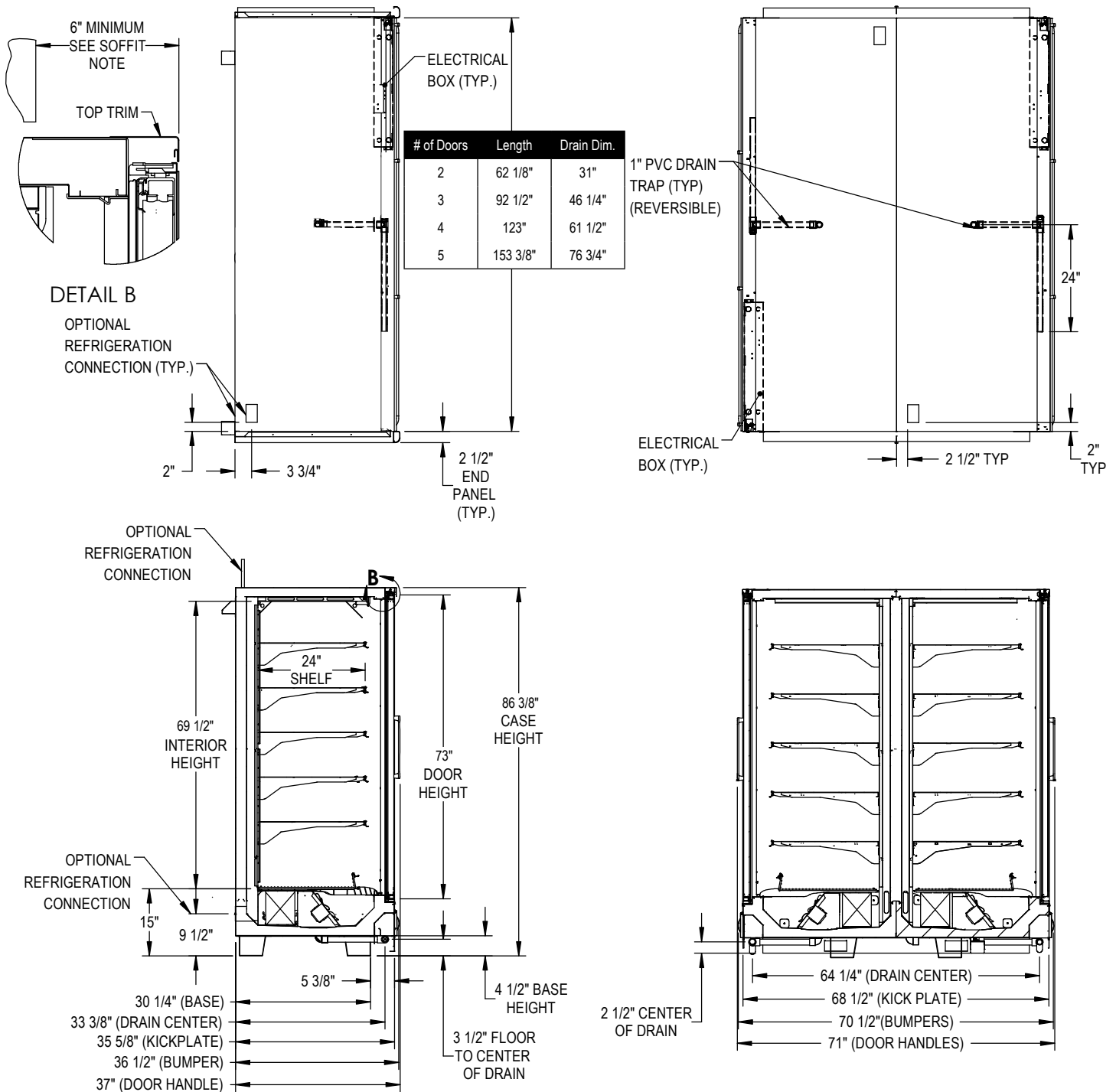
PHYSICAL DATA

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)		Facings (ft. ²)	Case Capacity	
			RHZC30T	RHZC30TBB		Packout (ft. ³)	22"/24" Shelves
Suction Line O.D. (Std. Refrig. Exit)	7/8	2	755	N/A	30.0	55.0	60.0
2-Door Suction Line O.D. (Top Refrig.)	1/2	3	1,055	2,105	44.6	81.8	89.3
3 to 5-Door Suction Line O.D. (Top Refrig.)	5/8	4	1,420	2,840	59.3	108.8	118.7
Liquid Line O.D. (Electric Defrost)	3/8	5	1,800	3,595	74.0	135.7	148.0
Liquid Line O.D. (Hot Gas Defrost)	1/2	Solid End Panel	35	70	N/A	N/A	N/A



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Low Temp Tall Reach-Ins with 30" x 73" Doors



- Door size: 30" x 73".
- All dimensions are nominal.
- Top refrigeration connections increase case height by up to 4".
- End Panels and Insulated Dividers = 2 1/2".
- Building soffits must be set back 6" from the front of the doors to allow for access to door hinges on the top of the case.

11/29/17

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



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