



Highlight™ Merchandiser RHCC30 & RHCC30BB Specs

Medium Temp Reach-Ins with 30" x 68" 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)	28
Baseline Btuh ^{1, 2, 3}	420
Discharge Air Temp. (°F) (w/ 8°F Superheat)	33
Btuh Deducts	
Back-To-Back (Model BB)	-40
Btuh Adders	
Optional Glass Windowed End Panel (Each)	175
Anti-Sweat Heat Option	120

LINEUP DATA	
Per Door Avg.	
Evaporator Temperature (°F)	28
Baseline Btuh ^{1, 2, 3}	420
Discharge Air Temp. (°F) (w/ 8°F Superheat)	33
Btuh	
Back-To-Back (Model BB)	-40
Btuh	
Optional Glass Windowed End Panel (Each)	175
Anti-Sweat Heat Option	120

INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)				
2-Door	3-Door	4-Door	5-Door	
Evaporator Temperature (°F)	28	28	28	28
Baseline Btuh ^{1, 2, 3}	1,010	1,410	1,810	2,200
Discharge Air Temp. (°F) (w/ 8°F Superheat)	33	33	33	33

Glycol Data *	
Flow Rate (GPM)	
Pressure Drop (PSIG)	

2-Door	3-Door	4-Door	5-Door	
Flow Rate (GPM)	0.8	1.2	1.6	2.0
Pressure Drop (PSIG)	4.2	2.6	2.3	3.5

* All glycol data based on 35% Propylene Glycol by weight, 20°F Supply Temperature, and 24°-26°F Outlet Temperature.

Fan Motors (115V) ⁴	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High Efficiency Electronic (SSC/ECM)	0.30	11	0.60	22	0.90	33	1.20	44	1.50	55
Lighting System (120V) (other LED options available)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
LED Lighting (Zero Zone ChillBrite™ 5)	0.15	18	0.29	35	0.44	53	0.59	70	0.73	88
Anti-Sweat Heat (115V) ^{5, 6}	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
No-Energy Doors (Zero Zone CoolView Envision™)	0.16	18	0.31	36	0.47	54	0.63	72	0.78	90
Heat Option (Zero Zone CoolView Envision™)	0.57	66	1.14	131	1.71	197	2.29	263	2.86	329
Solid Doors (Zero Zone CoolView Envision™)	0.16	18	0.31	36	0.47	54	0.63	72	0.78	90

Notes:

1. Baseline Evaporator Btuh based on parallel rack system, LED lighting (Zero Zone ChillBrite™ 5), no-energy doors (Zero Zone CoolView Envision™), and SSC electronic fan motors.
2. For condensing units (non-rack system), multiply total Btuh rating by 1.08.
3. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
4. One fan motor per door.
5. Door (Anti-Sweat) Options: no-energy = no-heat glass and no-heat rails; heat option = heated glass, heated rails, and heated sill; solid doors = no-heat rails. All door options include mullion heat.
6. Anti-Sweat Controller required for the heat option to comply with DOE energy requirements.

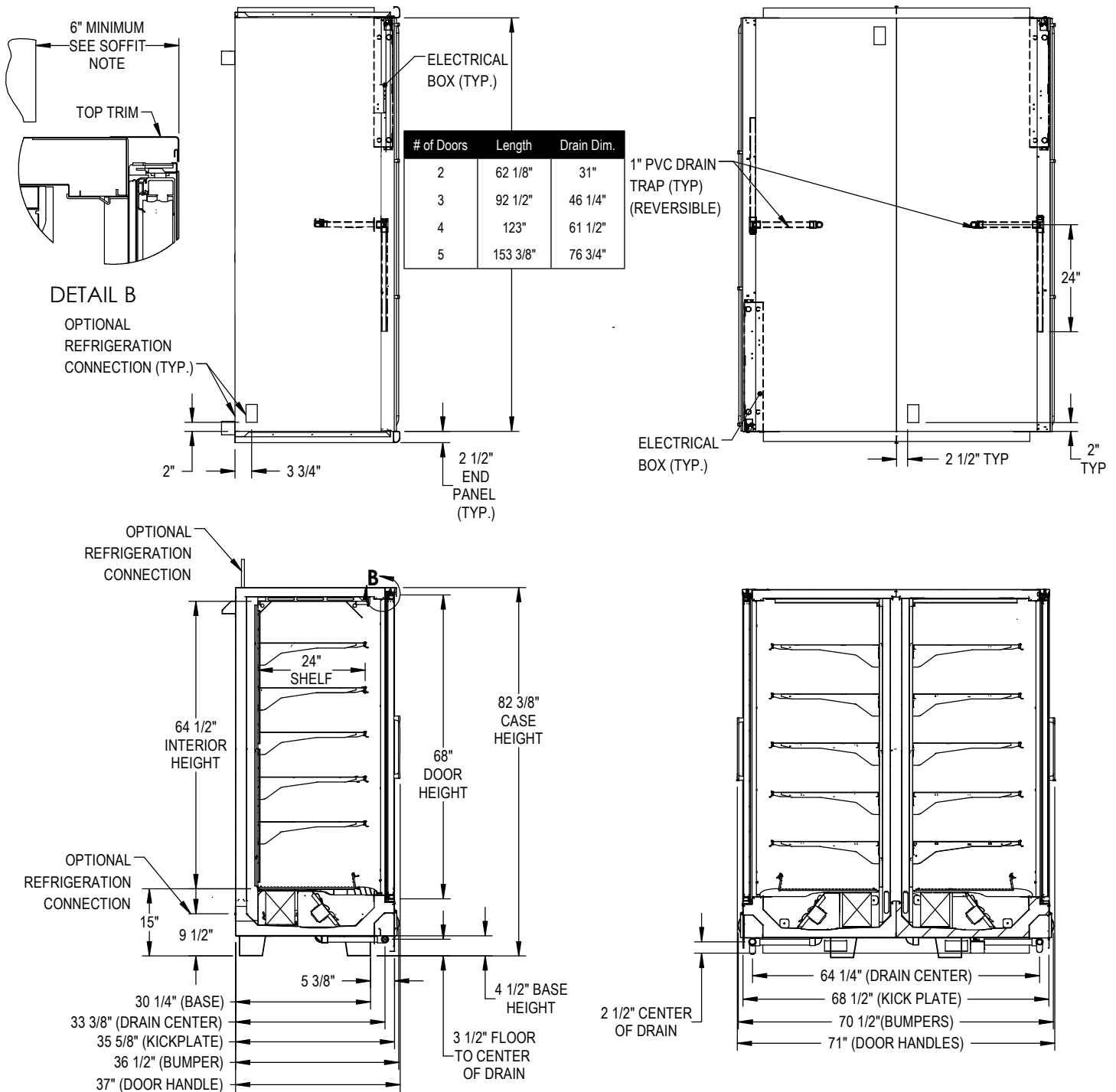
PHYSICAL DATA

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)		Facings (ft. ²)	Case Capacity	
			RHCC30	RHCC30BB		Packout (ft. ³)	22"/24" Shelves
Suction Line O.D. (Std. Refrig. Exit)	1/2	2	720	1,380	27.8	51.0	55.6
2 to 3-Door Suction Line O.D. (Top Refrig.)	3/8	3	970	1,860	41.4	76.0	82.9
4 to 5-Door Suction Line O.D. (Top Refrig.)	1/2	4	1,280	2,460	55.1	101.0	110.1
2 to 3-Door Liquid Line O.D.	1/4	5	1,585	3,050	68.7	125.9	137.4
4 to 5-Door Liquid Line O.D.	3/8	Solid End Panel	30	60	N/A	N/A	N/A



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Medium Temp Reach-Ins with 30" x 68" Doors



- Door size: 30" x 68".
- 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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