



RVZC30 & RVZC30BB Specifications

Low Temp Reach-Ins with 63" Doors

Note: Effective 1/1/12, 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}	940
Discharge Air Temp. (°F) (w/ 8°F Superheat)	-3
Btuh Deducts	
Back-To-Back (Model BB)	-75
No-Energy Doors	-50
Btuh Adders	
Permanent Split Capacitor (PSC)**	40
T-8 Electronic Lighting**	120
Standard-Energy Doors**	200
ELM HG2 (w/ Heated Glass)	55
Optional Glass-Windowed End Panel - Each	900

LINEUP DATA

Per Door Avg.	
F.F.	I.C.
-7	-16
940	1,015
-3	-12
Btuh	
-75	-85
-50	-50
Btuh	
40	40
120	120
200	210
55	58
900	1,000

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
2,220	2,390	3,110	3,350	4,010	4,320	4,900	5,290
-3	-12	-3	-12	-3	-12	-3	-12

Fan Motors (115V) ^{4,5}	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High Efficiency Electronic (SSC/ECM)	0.30	20	0.60	40	0.90	60	1.20	80	1.50	100
Permanent Split Capacitor (PSC)**	0.26	30	0.52	60	0.78	90	1.04	120	1.30	150
Lighting System (120V) <small>(consult factory for other LED options)</small>	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
LED Lighting (Anthony Optimax Pro24) Low Power	0.15	18	0.30	36	0.45	54	0.60	72	0.75	90
T-8 Electronic Lighting**	0.58	70	1.45	174	1.94	233	2.42	290	2.91	349
Anti-Sweat Door Heaters (115V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Anthony 101 (Standard-Energy Doors)** ²	1.59	183	3.51	404	5.04	580	6.58	758	8.17	940
Anthony ELM HG2 (w/ Heated Glass) ²	0.91	104	1.99	229	2.86	329	3.76	436	4.65	535
Anthony ELM (Low-Energy Doors) ²	0.81	93	1.79	206	2.56	294	3.39	390	4.15	477
Anthony ELM II (No-Energy Doors) ²	0.79	91	1.78	205	2.58	297	3.31	381	4.05	466
Defrost Heaters (208V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Defrost Heater ⁶	4.00	832	8.00	1,664	12.00	2,496	16.00	3,328	20.00	4,160

** Not available in the U.S. market for equipment manufactured after December 31, 2011.

Notes:

- Baseline Evaporator Btuh based on parallel rack system, LED lighting (Optimax Pro24 Low Power), low-energy doors (ELM), and SSC electronic fan motors.
- Door Options: Standard-Energy and ELM HG2 w/ Heated Glass = heated glass and rails; Low-Energy = no-heat glass and heated rails; No-Energy = no-heat glass and no-heat rails. All options have frame heat.
- 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.
- Electric Defrost: 1 per day, 19 minutes frozen food, 28 minutes ice cream. Failsafe 45 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.

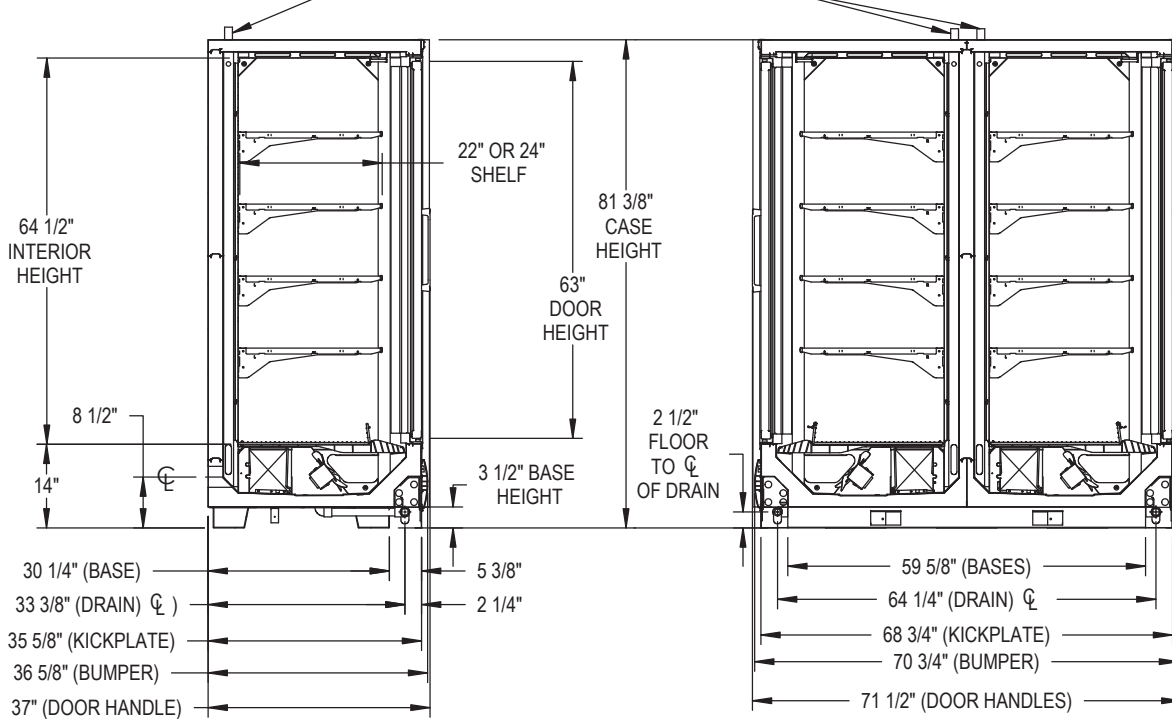
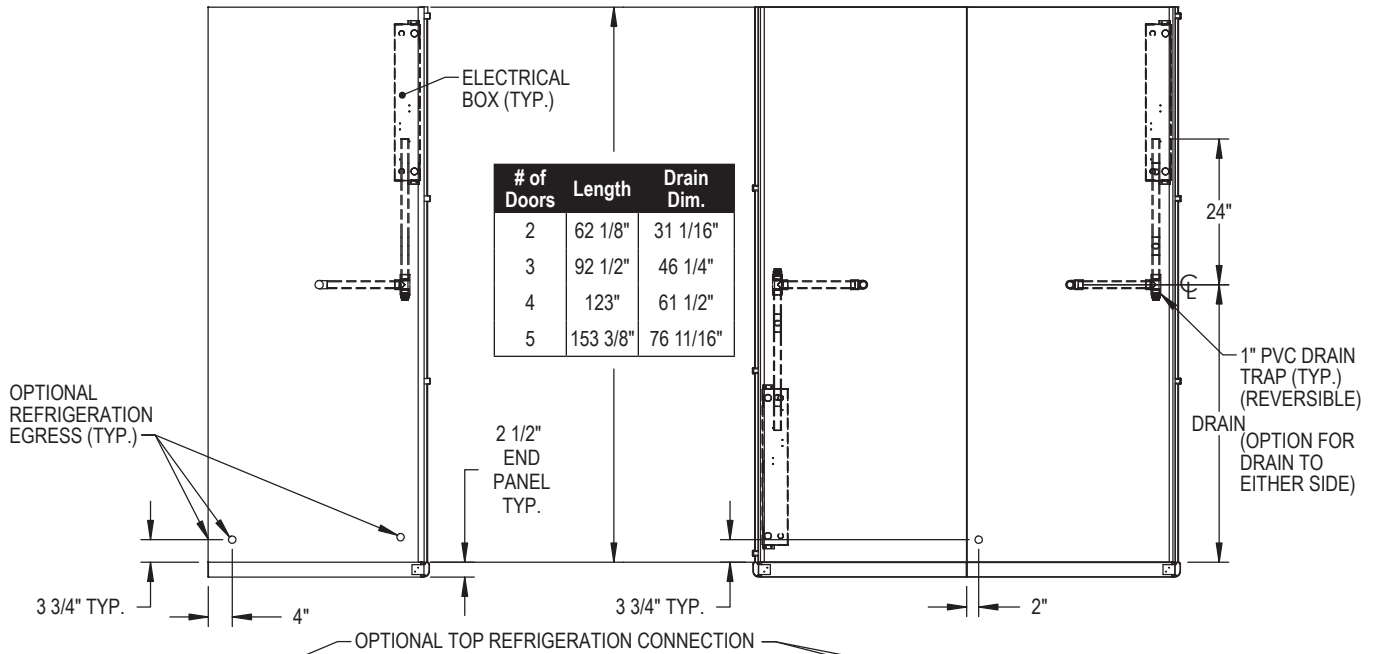
PHYSICAL DATA

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	Number of Doors	Weight (lbs.)		Case Capacity		
			RVZC30	RVZC30BB	Facings (ft. ²)	Packout (ft. ³)	22"/24" Shelves
Suction Line O.D. (Std. Refrig. Exit)	7/8	2	675	1,350	27.8	51.0	55.6
2 to 5-Door Suction Line O.D. (Top Refrig)	5/8	3	925	1,850	41.4	76.0	82.9
		4	1,235	2,475	55.1	101.0	110.1
Liquid Line O.D. (Electric Defrost)	3/8	5	1,575	3,150	68.7	125.9	137.4
Liquid Line O.D. (Hot Gas Defrost)	1/2	End Panel	30	60	N/A	N/A	N/A



RVZC30 & RVZC30BB Specifications

Low Temp Reach-Ins with 63" Doors



- Top refrigeration connections or top electrical connections increase case height by up to 4 inches.
- BB (Back-to-Back) available in 2, 3, 4, and 5-door sizes.
- End Panels and Insulated Dividers = 2 1/2".
- All dimensions are nominal.

3/12/15

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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