RVCC30 & RVCC30BB Specs

Medium Temp Reach-Ins with 30" x 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 (see note #1 for components included in baseline Btuh)	LINEUP DATA Per Door Avg.	INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels) 2-Door	3-Door	4-Door	5-Door
Evaporator Temperature (°F)	28	28	28	28	28
Baseline Btuh w/ SSC/ECM Fan Motors [1, 2, 3]	500	1,180	1,680	2,180	2,680
Discharge Air Temp. (°F) (w/ 8°F Superheat)	33	33	33	33	33
Btuh Deducts	**Btuh**				
Back-To-Back (Model BB)	40				
ELM II (No-Energy Doors) & Low-Energy Frames	50				
Btuh Adders	**Btuh**				
Permanent Split Capacitor (PSC)**	35				
T-8 Electronic Lighting**	120				
Optional Glass Windowed End Panel (Each)	410				

Glycol Data *	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 23°-24°F Outlet Temperature.*

Fan Motors (115V) [4, 5]	2-Door Amps	2-Door Watts	3-Door Amps	3-Door Watts	4-Door Amps	4-Door Watts	5-Door Amps	5-Door Watts
High Efficiency Electronic (SSC/ECM)	0.30	11	0.60	22	0.90	33	1.20	44	1.50	55
Permanent Split Capacitor (PSC)**	0.20	23	0.40	46	0.60	69	0.80	92	1.00	115
Lighting System (120V) (other LED options available)	**Amps**	**Watts**	**Amps**	**Watts**	**Amps**	**Watts**	**Amps**	**Watts**	**Amps**	**Watts**
LED Lighting (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**
ELM (No-Energy Doors) [2]	0.35	41	0.98	113	1.29	149	1.63	188	2.00	230
ELM II (No-Energy Doors) [2]	0.23	27	0.53	61	0.75	87	1.00	115	1.24	143

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

Notes:

1. Baseline Evaporator Btuh based on parallel rack system, LED lighting (Optimax Pro24 Low Power), no-energy doors (ELM), and SSC electronic fan motors.
2. Door Options: Low-Energy = no-heat glass and heated rails; No-Energy = no-heat glass and no-heat rails. All options have frame heat
3. For condensing units (non-rack system), multiply total Btuh rating by 1.08.
4. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
5. One fan motor per door.

PHYSICAL DATA

Baseline R-404a Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.) RVCC30	Weight (lbs.) RVCC30BB	Case Capacity Facings (ft.²)	Case Capacity Packout (ft.³) 22"/24" Shelves	
Suction Line O.D. (Std. Refrig. Exit)	1/2	2	675	1,350	27.8	51.0	55.6
2-Door Suction Line O.D. (Top Refrig.)	3/8	3	925	1,850	41.4	76.0	82.9
3 to 5-Door Suction Line O.D. (Top Refrig.)	1/2	4	1,235	2,475	55.1	101.0	110.1
2-Door Liquid Line O.D.	1/4	5	1,575	3,150	68.7	125.9	137.4
3 to 5-Door Liquid Line O.D.	3/8	Solid End Panel	30	60	N/A	N/A	N/A

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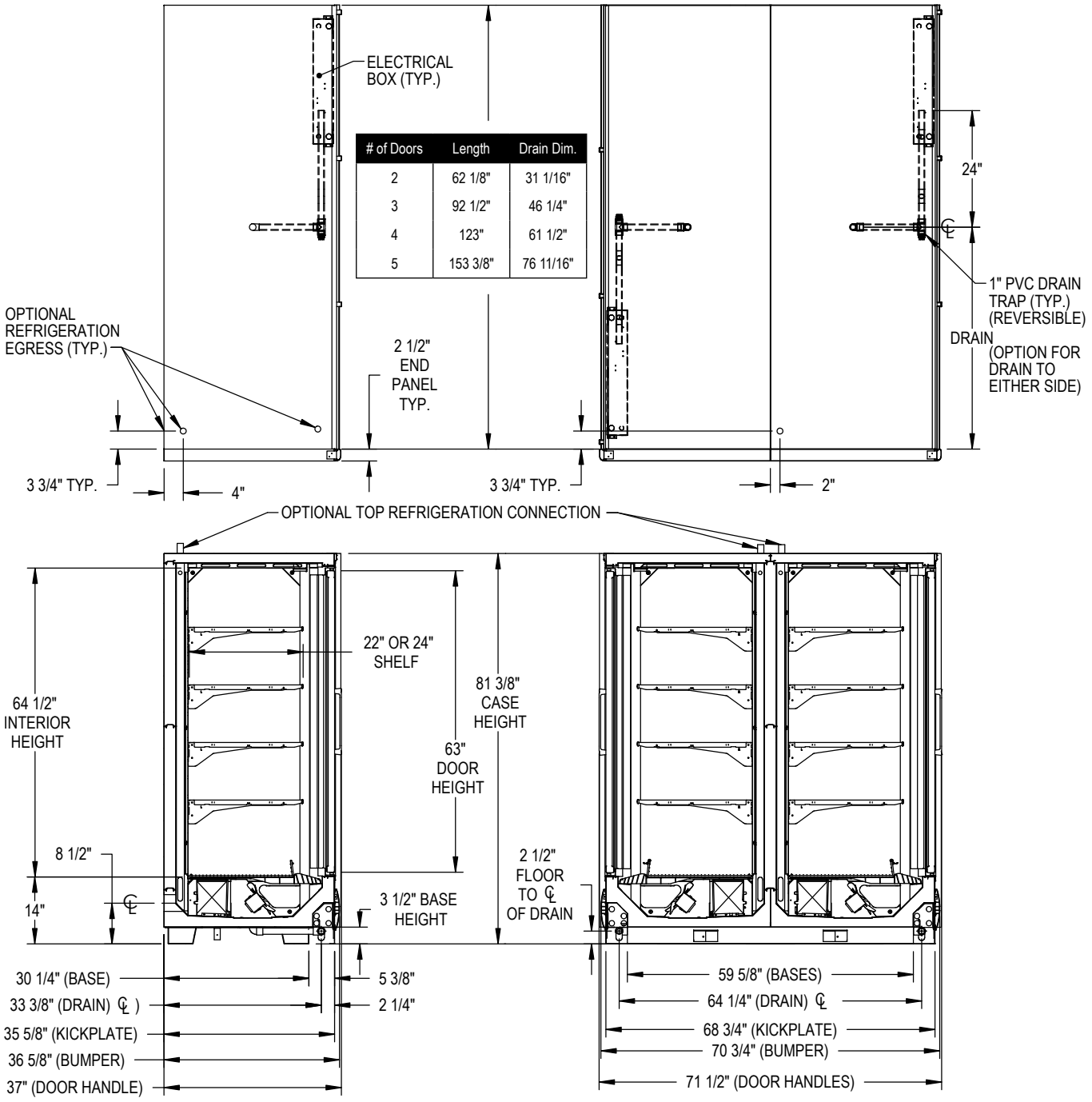

# of Doors	Length	Drain Dim.
2	62 1/8"	31 1/16"
3	92 1/2"	46 1/4"
4	123"	61 1/2"
5	153 3/8"	76 11/16"

- Door size: 30" x 63".
- All dimensions are nominal.
- Top refrigeration connections increase case height by up to 4".
- End Panels and Insulated Dividers = 2 1/2".
- BB (Back-to-Back) available in 2, 3, 4, and 5-door sizes.

4/28/16

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.

EVOLUTION

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