



Crystal™ Merchandiser RVL30 & RVL30BB Specs

Low Temp Reach-Ins with 30" x 74" 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} | 945 |
| Discharge Air Temp. (°F) (w/ 8°F Superheat) | -3 |
| Btuh Deducts | |
| Back-To-Back (Model BB) | -75 |
| Btuh Adds | |
| LED Lighting (Zero Zone ChillBrite™ 4) Low Power | 5 |
| Optional Glass Windowed End Panel (Each) | 315 |

LINEUP DATA

| Per Door Avg. | |
|---------------|-------|
| F.F. | I.C. |
| -7 | -16 |
| 945 | 1,025 |
| -3 | -12 |
| Btuh | |
| -75 | -85 |
| Btuh | |
| 5 | 5 |
| 315 | 350 |

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 |
| 2,130 | 2,430 | 3,280 | 3,540 | 4,300 | 4,640 | 5,330 | 5,750 |
| -3 | -12 | -3 | -12 | -3 | -12 | -3 | -12 |

| Fan Motors (115V) ^{3,4} | |
|---|------|
| High Efficiency Electronic (SSC/ECM) | 0.30 |
| Lighting System (120V) <small>(other LED options available)</small> | |
| LED Lighting (Zero Zone ChillBrite™ 4) | 0.16 |
| LED Lighting (Zero Zone ChillBrite™ 4) Low Power | 0.15 |
| Anti-Sweat Door Heaters (115V) ⁵ | |
| Heated Glass Doors (Zero Zone CoolView™) | 0.86 |
| Defrost Heaters (208V) ⁶ | |
| Defrost Heater | 4.00 |

| Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.30 | 24 | 0.60 | 48 | 0.90 | 72 | 1.20 | 96 | 1.50 | 120 |
| Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| 0.32 | 39 | 0.48 | 58 | 0.63 | 77 | 0.79 | 96 | 0.79 | 96 |
| 0.30 | 36 | 0.45 | 54 | 0.60 | 72 | 0.75 | 90 | 0.75 | 90 |
| Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| 1.74 | 200 | 2.59 | 298 | 3.45 | 396 | 4.30 | 494 | 4.30 | 494 |
| Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| 8.00 | 1,664 | 12.00 | 2,496 | 16.00 | 3,328 | 20.00 | 4,160 | 20.00 | 4,160 |

Notes:

- Baseline Evaporator Btuh based on parallel rack system, LED lighting (Zero Zone ChillBrite™ 4), heated glass doors (Zero Zone CoolView™), 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.
- Anti-sweat heater data includes an additional 10 watt heater per door for operating conditions greater than 75/55 (heater is disconnected as a standard from the factory).
- Electric Defrost: 1 per day, 30 minutes frozen food, 40 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.

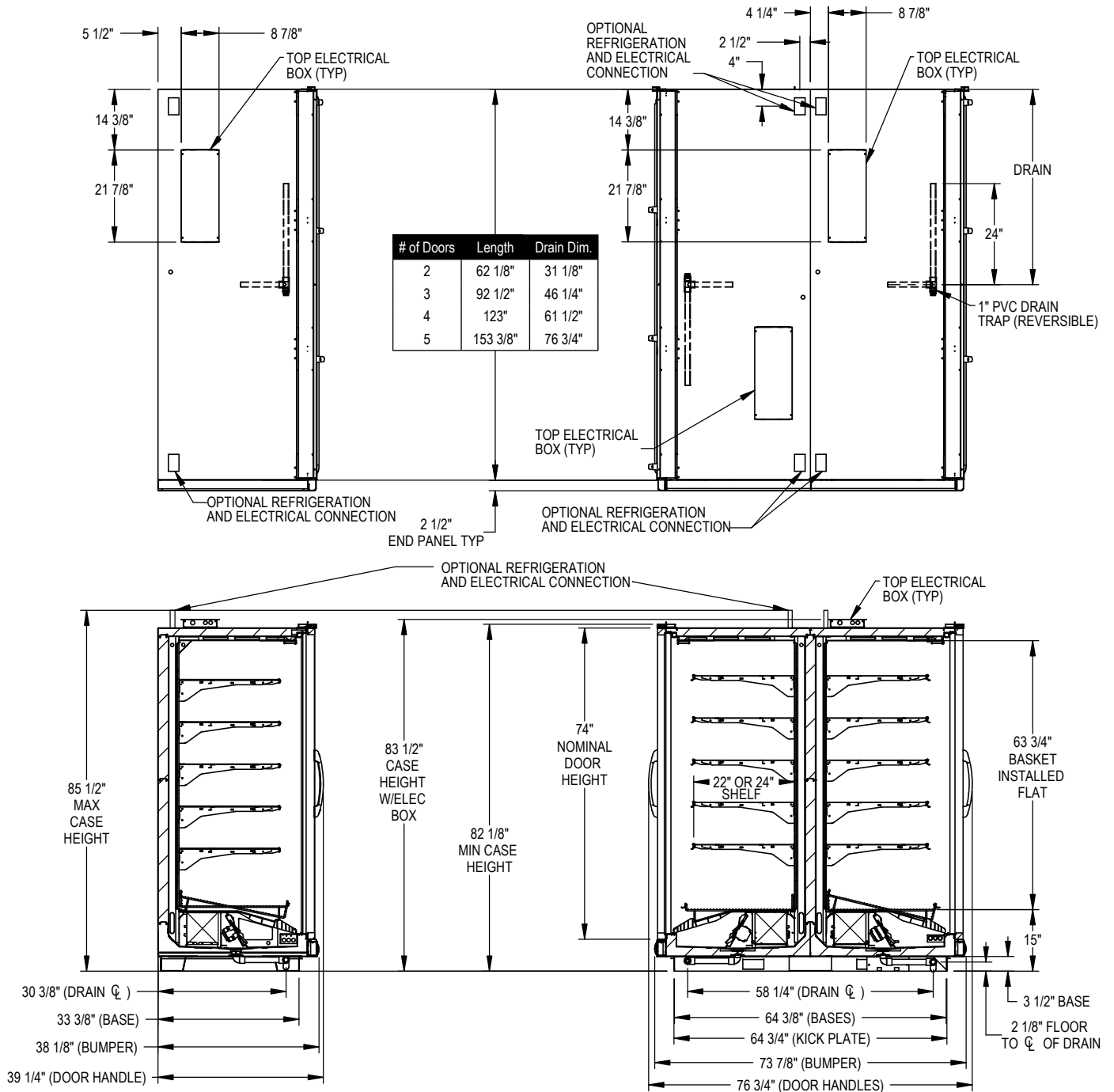
PHYSICAL DATA

| Baseline R-404A Refrigeration Piping | Outlet Size (in.) | # of Doors | Weight (lbs.) | Facings (ft. ²) | Case Capacity | |
|---|-------------------|-----------------|---------------|-----------------------------|-----------------------------|-----------------|
| | | | | | Packout (ft. ³) | 22"/24" Shelves |
| Suction Line O.D. (Std. Refrig. Exit) | 7/8 | 2 | 755 | 28.4 | 51.5 | 55.1 |
| 2 to 5-Door Suction Line O.D. (Top Refrig.) | 5/8 | 3 | 1,055 | 42.3 | 76.7 | 82.1 |
| | | 4 | 1,420 | 56.3 | 101.9 | 109.2 |
| | | 5 | 1,800 | 70.2 | 127.1 | 136.1 |
| Liquid Line O.D. (Electric Defrost) | 3/8 | Solid End Panel | 35 | N/A | N/A | N/A |
| Liquid Line O.D. (Hot Gas Defrost) | 1/2 | | | | | |



Crystal™ Merchandiser RVLC30 & RVLC30BB Specs

Low Temp Reach-Ins with 30" x 74" Doors



- Door size: 30" x 74".
- All dimensions are nominal.
- Top refrigeration connections increase case height by up to 4 inches.
- End Panels and Insulated Dividers = 2 1/2".

9/8/17

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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