



Highlight Merchandiser® RHZC30E Extended Specs

Low Temp Extended Reach-Ins with 30" x 68" CoolView® Envision® Doors

Energy Data

REFRIGERATION

| | LINEUP DATA | | INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels) | | | | | | | |
|---|---------------|------|--|-------|--------|-------|--------|-------|--------|-------|
| | Per Door Avg. | | 2-Door | | 3-Door | | 4-Door | | 5-Door | |
| | F.F. | I.C. | F.F. | I.C. | F.F. | I.C. | F.F. | I.C. | F.F. | I.C. |
| Evaporator Temperature (°F) | -7 | -16 | -7 | -16 | -7 | -16 | -7 | -16 | -7 | -16 |
| Baseline Btuh ^{1,2} | 890 | 975 | 2,060 | 2,240 | 2,910 | 3,180 | 3,760 | 4,120 | 4,620 | 5,070 |
| Discharge Air Temp. (°F) (w/ 8°F Superheat) | -3 | -12 | -3 | -12 | -3 | -12 | -3 | -12 | -3 | -12 |
| Btuh Deducts | F.F. | I.C. | | | | | | | | |
| Solid Door | -65 | -65 | | | | | | | | |
| Btuh Adders | F.F. | I.C. | | | | | | | | |
| Anti-Sweat High Humidity Package | 100 | 100 | | | | | | | | |

ELECTRICAL DATA ³

| | Per Door Avg. | | 2-Door | | 3-Door | | 4-Door | | 5-Door | |
|--|---------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| Fan Motors (115V) ⁴ | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| High Efficiency Electronic (SSC/ECM) | 0.30 | 20 | 0.60 | 38 | 0.90 | 59 | 1.20 | 78 | 1.50 | 98 |
| Lighting System (120V) | 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 | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| Standard-Energy Doors (Zero Zone CoolView® Envision®) | 0.72 | 83 | 1.43 | 164 | 2.13 | 245 | 2.84 | 326 | 3.54 | 408 |
| High Humidity Package (Zero Zone CoolView® Envision®) ⁶ | 1.06 | 122 | 2.15 | 247 | 3.20 | 368 | 4.25 | 488 | 5.30 | 609 |
| Solid Doors | 0.50 | 57 | 1.01 | 116 | 1.50 | 173 | 2.00 | 230 | 2.50 | 287 |
| Defrost Heaters ^{7,8} | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| Single Phase (208V/1/60Hz) | 4.00 | 832 | 8.00 | 1,680 | 12.00 | 2,496 | 16.00 | 3,328 | 20.00 | 4,160 |
| Three Phase (208V/3/60Hz) | 2.31 | 832 | 4.66 | 1,680 | 6.93 | 2,496 | 9.23 | 3,328 | 11.55 | 4,160 |

Notes:

1. 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.
2. For condensing units (non-rack system), multiply total Btuh rating by 1.06.
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: standard-energy and high humidity package = heated glass and heated rails; solid doors = heated rails. All options include mullion and sill heat.
6. Anti-Sweat Controller required for the high humidity package to comply with DOE energy requirements.
7. Electric Defrost: 1 per day. Defrost termination temperature setting is 50°F. Failsafe time is 55 minutes. Refer to the Installation & Operation Manual for details.
8. Hot Gas Defrost: 1 per day. Defrost termination temperature setting is 65°F. Failsafe time is 30 minutes. Refer to the Installation & Operation Manual for details.

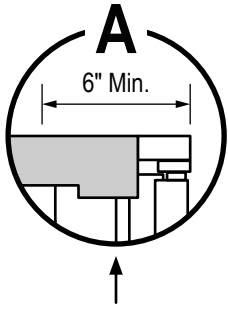
Physical Data

| Baseline R-404A Refrigeration Piping | Outlet Size (in.) | # of Doors | Weight (lbs.) | Case Capacity | |
|---|-------------------|-----------------|---------------|-----------------------------|---|
| | | | | Facings (ft. ²) | Packout (ft. ³) 27" Shelves |
| Suction Line O.D. (Std. Refrig. Exit) | 7/8 | 2 | 720 | 27.8 | 62.6 |
| 2-Door Suction Line O.D. (Top Refrig.) | 1/2 | 3 | 970 | 41.4 | 93.2 |
| 3 to 5-Door Suction Line O.D. (Top Refrig.) | 5/8 | 4 | 1,280 | 55.1 | 124.0 |
| Liquid Line O.D. (Electric Defrost) | 3/8 | 5 | 1,585 | 68.7 | 154.6 |
| Liquid Line O.D. (Hot Gas Defrost) | 1/2 | Solid End Panel | 30 | N/A | N/A |

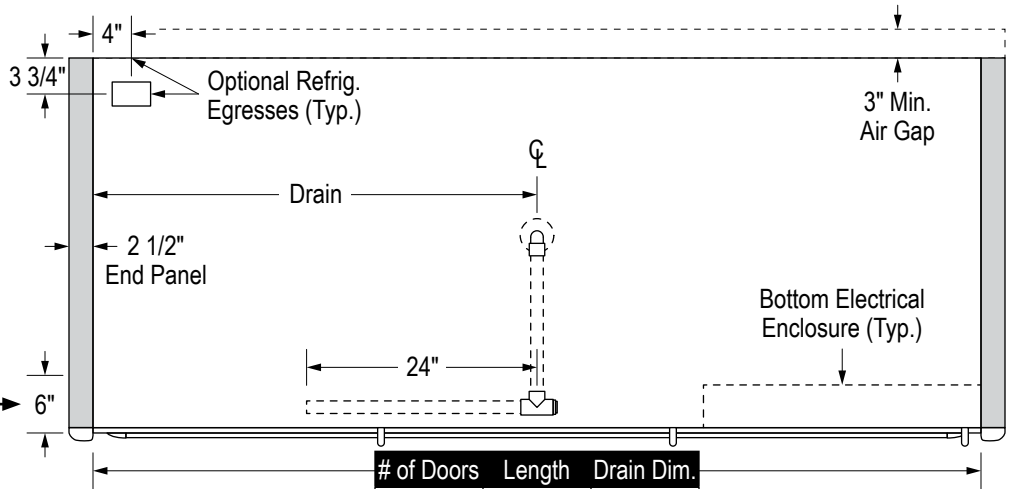


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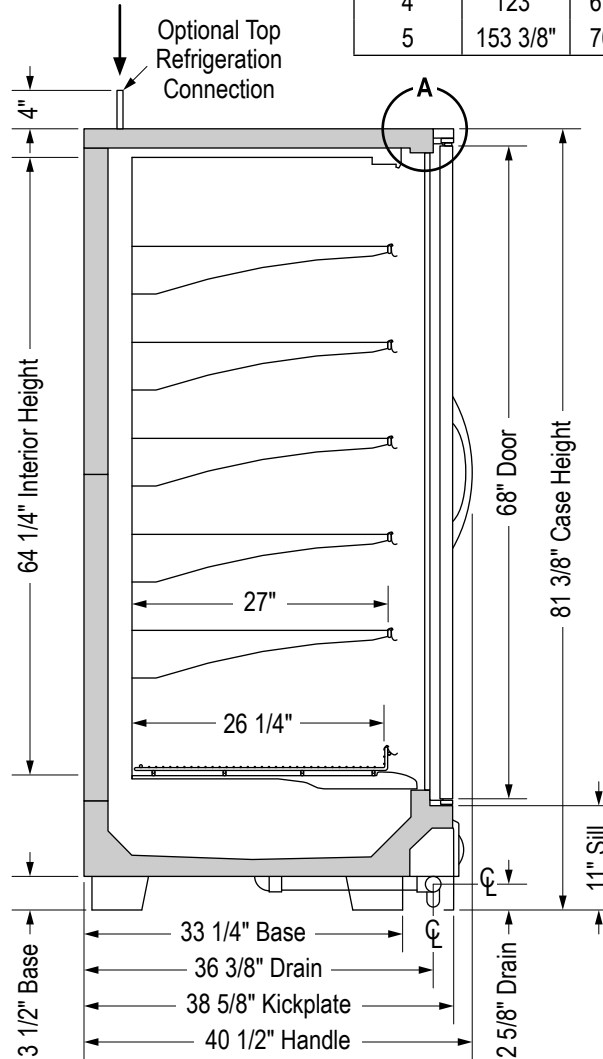


Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



Top refrigeration connections increase case height by up to 4".

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



12/27/18

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



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