

35 Degrees Beer Cooler Design Criteria

R448A refrigerant

Room Temperature: +35 degrees

Run Time: 16 hours

Location: Indoors

85 degrees inside ambient temperature with 50% relative humidity

95 degrees outside ambient

Room Dimensions: 10x30x10 W-L-H

6000# Beer, Bottles/Cans

Entering Beer Temperature: 85 degrees

Final Beer Temperature: 35 degrees

Quantity: nine – 30" glass doors

Lighting: 1 watt per square foot

1 person

.4 horsepower of motors

Using tables in Heatcraft manual, when there is a range and not a specific number use the average of the range. For example: range is 89-110, use the average of those two which is 99.5