

Zero Zone Freezer-To-Cooler Conversion for MZ and VZ cases

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Expansion Valve

Expansion valve replacement is advisable. Select a replacement valve based on desired evaporator temperature, refrigerant and BTU/HR requirement. The existing valve may be adequate but a different power head must be installed. Consult Zero Zone, or your valve dealer for more information. The orifice at the distributor should not require replacement.

Compressor Size

Use the approximate BTU/HR values from the corresponding cooler specifications. Zero Zone or your compressor dealer can provide an appropriately sized condensing unit (or rack) based on required BTU/HR and refrigerant type. Notably, these BTU/HR values include a generous factor-of-safety for fast pull-down, food safety, and to account for variations in lighting, doors, heaters and insulation quality.

2RMZC30 becomes a 2RMCC30 requiring 2480 BTU/HR @ 25°F Evap. Temp

3RMZC30 becomes a 3RMCC30 requiring 3450 BTU/HR @ 25°F Evap. Temp

4RMZC30 becomes a 4RMCC30 requiring 4360 BTU/HR @ 25°F Evap. Temp

5RMZC30 becomes a 5RMCC30 requiring 5350 BTU/HR @ 25°F Evap. Temp

All RVZC30 cases will require you to use the specification sheet. You will need to determine what is in the case for fan motors, lighting, and doors to adequately determine BTU/HR

Lighting

Cases are equipped with either T-8 lighting or LED lighting; the lighting system needs no conversion.

Anti-Condensate Heaters

Door heaters or mullion heaters (but not both) can be disconnected entirely.

Defrost System

Adjust the defrost clock by resetting the defrost pins to give (3) 30-minute defrosts per day. Setting the LP control or (T-Stat) to cut in at 40 degrees F (jumping the fans, lights, and anti-condensate heaters as needed to run constantly) provides an off-cycle defrost. Abandon all Klions.