

Leveling your Dometic Refrigerator

Question: How level does the trailer need to be for the refrigerator to operate properly?

Leveling is one of the requirements for proper operation of absorption refrigerators. The absorption design utilizes no mechanical pumps or compressors to circulate the refrigerant within the system, so proper leveling must be maintained to provide the correct refrigerant flow.

Without proper leveling, refrigerant within the cooling unit will collect and stagnate at certain areas.

Without proper refrigerant flow, the cooling process will stop. Absorption refrigerators have a type of cooling unit that utilizes an enclosed pump tube surrounded by a solution to protect the assembly. To ensure proper leveling, the vehicle needs to be leveled so it is comfortable to live in. (No noticeable sloping of floor or walls). A number recommendation would be no more than 3 degrees of slope for long periods. When the vehicle is moving, leveling is not critical as the rolling and pitching movement of the vehicle will pass to either side of level, keeping the refrigerant from accumulating in the piping.