

What Happened to this Product? - RollerChill

This product likely failed because it does not do enough to distinguish itself from other convenience store refrigerators. It is also more mechanically complex which would have higher maintenance costs.

Yes, there is a patent. Patent No. 10365036

There is a safety concern with the possibility of refrigerant leaks.

No freezing failure seems plausible with this design as from what we could find the RollerChill keeps beverages at refrigerator temperatures. If it can go lower there might be a potential freezing failure if the roller mechanism breaks.

This product works by circulating refrigerant in conduit under a cooling plate. The beverage is placed on a roller which rotates the can just above the plate to increase internal convection of the can and the convection from the cold air.