

Operation of Aluminum electrolytic capacitors at high altitudes

Liquid Aluminum electrolytic capacitors can be operated at altitudes up to 20,000 ft (6096 meters) without being adversely effected. Operation of aluminum electrolytic capacitors that have standard rubber end seals at altitudes above 20,000 ft (6096 meters) where the low temperatures and atmospheric pressures can cause the safety vents to activate and/or cause the electrolyte to evaporate or leak out of the capacitors.

For applications where operation of the capacitors is above 20,000 ft (6096 meters) solid aluminum electrolytic should be used. Liquid aluminum electrolytic capacitors with epoxy end seals can also be used at altitudes above 20,000 ft (6096 meters).