



**SINOCLIMA**

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## **Why the Unit Keeps Working but Temperature Does Not Drop**

Cargo blocks cold air circulation the most common cause. Evaporator air outlet is blocked by cargo cold air cannot blow out and circulate normally only the area near the air outlet is cold and the rear of the compartment is hot. Cargo is stacked too high cold air short circuit directly flows back to the air return vent from the top of cargo the lower cargo cannot get sufficient cooling.

Cargo too close causes frequent defrosting. Cargo is close to the air outlet evaporator coils frost or ice up quickly. Air sensing defrost system starts the unit enters defrost mode to heat the coils. Defrost ends when coil temperature rises to about 9 degrees Celsius frost forms again immediately frequent defrost cycles. Result the refrigeration unit spends most time on defrost heating not cooling.

Correct Loading Standards

Keep no cargo in front of evaporator outlet keep cold air circulation path unobstructed. Keep a spacing of at least 220 mm between the top of cargo and the roof. Loading height shall not be higher than the balance height of the air outlet. Keep cargo away from the air outlet avoid direct blockage or too close distance.

### **Four Summer Driving Tips**

Do not drive fatigued easy to feel sleepy in summer especially in the afternoon or midnight more monotonous on highways.

Emergency response to steering or brake failure release accelerator downshift pull parking brake brake continuously decisively if unavoidable.

Pay attention to tire temperature stop and check every two hours cool naturally in shade when tire temperature is too high do not splash cold water.

Avoid engine overheating do not drive continuously for too long pay attention to the cooling system.

### **Quick Self Inspection Process for Car Owners**

First check if cargo blocks the air outlet rearrange if yes. Check the distance between cargo top and roof reduce cargo height if less than 220 mm. Observe if the unit enters defrost frequently by sound or control panel mostly loading problems if yes. If all the above are normal consider professional maintenance such as insufficient refrigerant unit failure and compartment insulation damage.