

Flat Plate Problems



Moss Growth

Due to the surface being hot from heat bleed thru the glass surface, moss will grow in humid locations causing permanent damage to the glass and dramatically reducing performance.



Internal Condensation

Significant condensation will build up inside the panels especially in humid locations. This occurs for much the same reason your car window fogs up when it is cold and warmer moist air is in the car. Significant performance is lost due to the blocking of light from the sun.



Weight & Water Leaks

Thermosyphon systems with the tank on the roof can weigh as much as 650kgs on the roof causing the roof to deform. Flat plate systems run the water thru the panels increasing the possibilities for leaks in multiple locations.



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