Solar Thermal *vs* Thermodynamic Solar System

Maaya Systems Pvt.Ltd

Solar Thermal	Eco - Thermodynamic Solar Systems
Works Only with Sun	Work with Sun, Wind, Air, Rain or even at Night
Average Overall Year Performance	Higher Overall Year Performance
Solar Panel Made of Glass and other Materials	Solar Panel Made of Aluminium = No Glass or Fragile Materials = Hail Resistance
Requires Glycol Mixture to be Added at Least Once per Year	No Refilling Required
Overheating = Solar Panels Blow Up or Permanent Damage = Low Life Span	No Overheating Problems = Long Life Span
Freezing Problems = Solar Panels Blow Up or Permanent Damage = Low Life Span	No Freezing Problems = No Defrost Cycles
Solar Collector Short Life Span when Installed in Salty or High Humidity Environments (e.g. near the sea, river or lake)	Solar Panel Passed 20 years Salty Environment Exposure Test = Longer Life
Solar Collector Performance Decrease with Dirt = Efficiency Drop = Cleaning Required	Solar Panel With Hydrophobic Flexible Painting Performs Auto-Cleaning
Solar Collector Performance Decrease with Time	Performance Does Not Decrease with Time
Solar Collector Dry Weight from 35Kg to 100Kg	Thermodynamic Solar Panel Weights Only 8Kg = Easier to Transport and Install
Must be Installed South Facing with a Specific Tilt Angle	May be Installed South, East or West | On a Roof or Façade from Horizontal to Vertical
Large Area Required to Install the Collectors	Less Area of Collectors Required
Takes in Average 2/3 Days to Install	Takes In Average Less Than One Day to Install
Several Origins | Mainly Chinese Rebranded	High Quality Components from the Best European Brands Thermodynamic Group, Cylinder and Solar Panel made by Energie in Europe
Many Products in The Market	New Product = Differentiation = More Value