

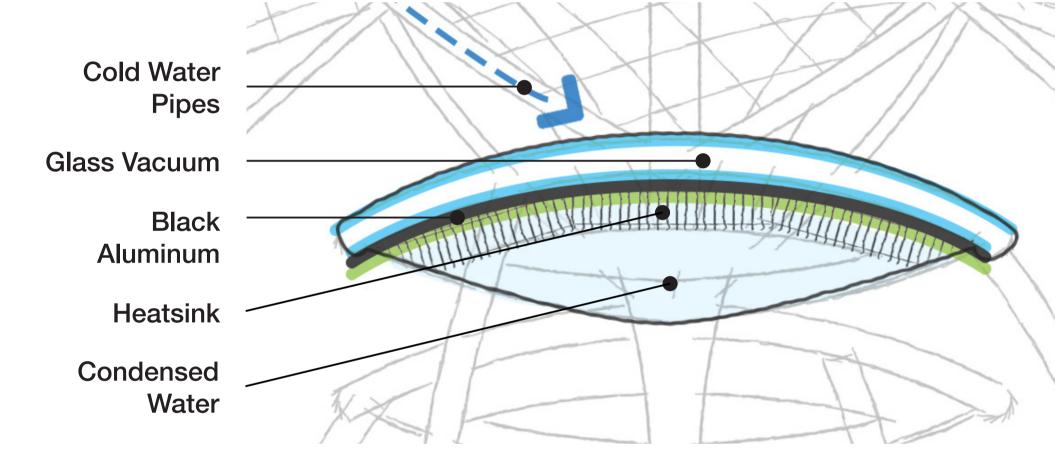
PV solar cells powers the central thermoelectric cooler pod. The high temperature and high humidity will condensed water in the cooler pods. Series of pipes are connected to the cooler pod distribute the condensed water to the bottom chamber thermoelectric generator pods.

Thermoelectric Generator Pods

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The top side of the thermoelectric generator pods is kept hot by the black aluminium body sealed by glass to trap maximum heat.

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1 Thermoelectric Cooler Pod

2 Flexible PV Panels

3 Cold Water Pipes

4 Thermoelectric Generator Pods

5 Structural Root

6 Electrical Root

Water Root

8 Distributer Roots

