

Solar Desalination Device



Purpose

Useful for getting distilled water.

Features

- Shortage of drinkable water in arid zone.
- Fetching potable water from distant places.
- Highly saline under ground water containing fluorides and nitrate.
- Desalination of saline/brackish water a better choice.
- Conventional water desalination plants are energy-intensive and require electric power or fossil fuel for operation.
- Output not affected in different seasons.
- Multi basin and tilting arrangements for maximum output.

Capacity and approx. cost per unit

- ✤ 7-8 litre distilled water per day.
- ✤ Rs.9000/-

Economics

- Benefit: cost ratio (BCR): 2.46
- Payback period (PBP) (years): 0.65











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