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Product Name :
Flat Plate Energy Collector Solar

Product Code :
LBNY-0005-13800010



Description :

The panel has a thin sheet metal absorber backed by riser tubes and insulating material to reduce heat loss to the rear. The collector has a purpose designed and built panel for quality and reliability. A sturdy mobile frame supports the collector. To allow users to adjust its angle, the frame has a hinge. A box with a clear cover encloses the panel, forming the collector.

It allows students to measure and find the efficiency and heat losses of a flat plate solar energy collector. This equipment shows how a flat plate solar energy collector works.

Technical Specification :

Experiments:

Efficiency and heat losses

Efficiency of the collector

Also, students can do further experiments on the effect of collector angle.

Technical Operating Conditions:

Operating temperature range: +5°C to +40°C

Operating relative humidity range: 30% to 95% (non-condensing)

Operating environment: Dry, outdoor conditions

Storage temperature range: 25°C to +55°C (when packed for transport).

Laboratory Instrument India

