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Product Name :
Underfloor Heating Geothermal Energy Absorber

Product Code :
LBNY-0005-12500017



Description :

Underfloor heating systems are particularly well suited for use with heating systems that use solar thermal collectors. Underfloor heaters transfer heat by piping systems arranged in a spiral or winding pattern beneath the floor covering. Underfloor heating requires much lower feed flow temperature than conventional radiators.

Learning objectives/experiments:

Heat transfer in an underfloor heating system
Use of heat sources for heat pump systems
Energy balance in combined heating systems for domestic hot water production and heating
Learning objectives of the modular system.

Technical Specification :

Flow meters and temperature sensors for determining the heat flows
Tanks for hot or cold water
Heat sink or heat source for the modular system
Three selectable pipe lengths for heat transfer
Connections for transmitting measurement data to an external controller.

Laboratory Instrument India

