Abstract

The paper presents preliminary results of an experimental study on solar water heater with full width and 75% twisted tapes as heat transfer enhancement device. The study shows that the thermal efficiency due the use of the twisted tape increases by about 5-8.5%; higher for the 75% twisted tape
Experimental Study on an Enhanced Performance Solar Water Heater


Index Terms

Computer Science
Applied Sciences
Keywords
Solar Water Heater (collector)  Tube-in-fin  Twisted Tape  Thermal Efficiency
Performance Enhancement