

TWISTER CLOTH DRYER

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UNIVERSITI TEKNOLOGI MARA

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“We declare that this thesis is the result of our own work except the ideas and seminaries which we have clarified their sources. The thesis has not been accepted for any Diploma and is not concurrently submitted in candidature of any Diploma”

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Finally, we hope all of readers will get more understanding about our view of project further.

ABSTRACT

This project study aims to prepare a design for producing new tool in cloth drying process. It uses solar plat (blacken body) to provide heat. The solar heater allows the system to absorb the energy from the sun and make air in the system become warmer. The dryer system is supported by heater system to heat water content. Electrical heater would function during the cloudy or at the night when the solar energy is not available. Both solar and electric heater can be used at the same time and it will give the best result.

The control of temperature inside the system is accomplished using a standard thermostat controller. The function of thermostat is to maintain the temperature inside the system. When temperature inside is low, the thermostat automatically switch ON the electric heater system.