

A Computing Program for Measuring the Thermal Performance of a Shower Cooling Wind Tower

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Abstract

This study aims to develop a computing software program for measuring the thermal performance of a shower cooling wind tower "SCWT". The programme is a preliminary study to determine the efficiency of the cooling wind tower through available weather data such as ambient dry bulb temperature, relative humidity and wind speed. The main objective is to simplify computing process and reducing the evaluating time for the thermal performance of the tower. The output results will be indicated as numerical and graphical data.

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