

HIGHER TECHNICAL INSTITUTE

MECHANICAL ENGINEERING COURSE

DIPLOMA PROJECT

DESIGN AND CONSTRUCTION OF A SMALL
WATER BATH SYSTEM

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BY: HERACLES HERACLEOUS

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Mechanical Engineering Course

Diploma Course

Design and Construction of a Small Water Bath
System

Heracles Heracleous

June 2000

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**DESIGN AND CONSTRUCTION OF A SMALL
WATER BATH SYSTEM**

by

Heracles Heracleous

Project Report

Submitted to

The department of Mechanical Engineering

Of the Higher Technical Institute

Nicosia Cyprus

in partial fulfilment of the requirements

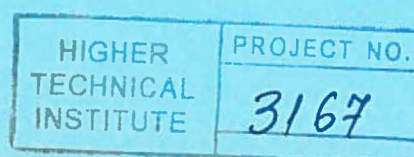
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Heracles Heracleous

June 2000

Summary

Title: Design and Construction of a Small Water Bath System.

Author: Heracleous Heracles

The main idea of this project, is the design first and then the construction of the water bath system.

As a first step, the design of the water bath system was made and scaled drawings were drawn.

Then, according to the demands and the conditions that were to be maintained by the devise, the selection of the appropriate materials was made and the construction was off to start.

The electrical parts and the controller were bought, assembled and then programmed and fitted to the device.

Finally, the result was not the construction of a high capacity, and high technology water bath system, but the construction of a device that presents the main functions required and that can be used as a model for investigation and improvement for better future results.

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