



GENERAL EXPLANATION

This training set is intended to introduce the basic functions of a drying system and to calculate the changes on the psychrometric diagram. In the system, two stages of heat recovery are applied and the heat source is electric resistance.

EXPERIMENTS

1. Basic calculations
2. Psychrometric operations
3. Change of pressure losses due to fan speed

DIMENSIONS

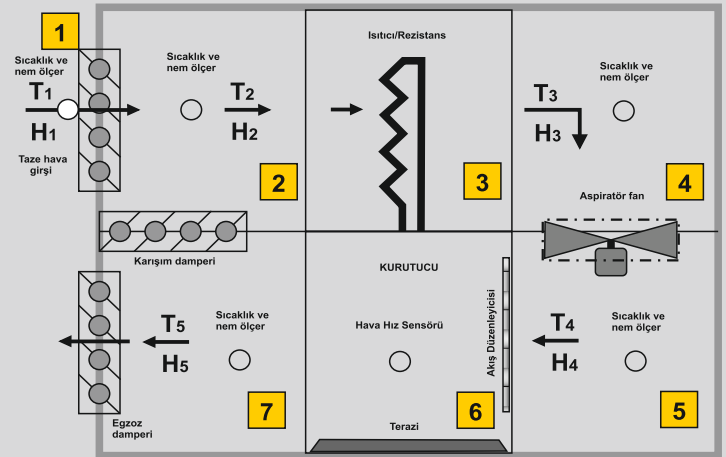
A x B x H : 1500 x 750 x 1500 mm

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

TECHNICAL SPECIFICATION

The purpose in drying systems is to vent the humid air. There are two diagonal heat exchangers for heat recovery. The fan blows air from the outside onto the heaters. Here, the heated air is sent to the drying chamber with the aid of air guiding devices.



TECHNICAL DETAILS

- Stainless winged resistance
- Fan speed control
- Radial fan
- 2 plate heat exchanger
- 7 point temperature sensors
- Temperature limit control
- 7 point moisture sensors

PACKAGE INCLUDED

Device, device cover, 1 printed experiment report, circuit diagram and product catalog