



GENERAL EXPLANATION

This training set is designed to demonstrate the working principle of a typical liquid-oil-layer calorific heating system.

EXPERIMENTS

1. Investigation of pressure-temperature change
2. Adjustment of the thermostatic valve
3. Calculation of floor heating capacity
4. Calculation of floor heating water use capacity
5. Control of water quality based on floor heating
6. Floor temperature control based on room temperature

DIMENSIONS

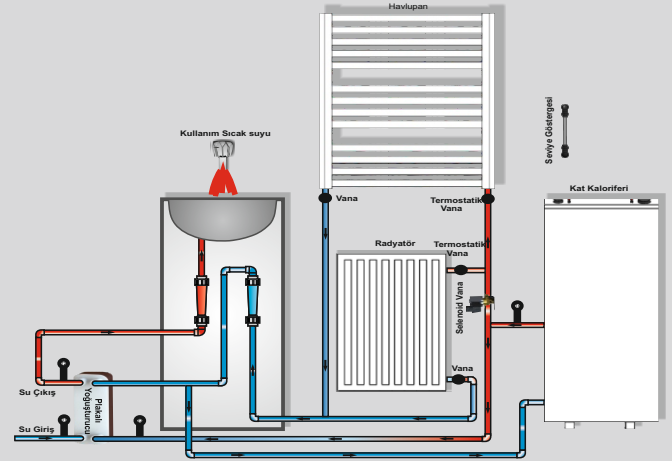
A x B x H : 2080 x 730 x 1680 mm

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

TECHNICAL SPECIFICATION

There is a radiator with a thermostatic valve, a towel with a thermostatic valve and a plate exchanger in the heating circuit. By measuring the water inlet and outlet temperatures and the flow rate of the hot water and heating circuit, the instantaneous actual heating capacity of the floor heating can be measured.



TECHNICAL DETAILS

- Towel
- Panel radiator
- Cold water flowmeter
- Hot water flowmeter
- Temperature measurement from 4 different points
- Plate heat exchanger
- Fuel tank and filter
- Thermostatic radiator inlet valve
- Thermostatic towel inlet valve

PACKAGE INCLUDED

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