

GENERAL EXPLANATION

This training set is designed to understand the logic of HRV devices used to make energy saving while ventilating an environment and to comprehend the efficiency calculations.

EXPERIMENTS

1. Calculation of energy balance in a brass heat exchanger
2. Calculation of thermal efficiency of heat exchanger
3. Calculation of the coefficient of thermal efficiency in the heat exchanger

DIMENSIONS

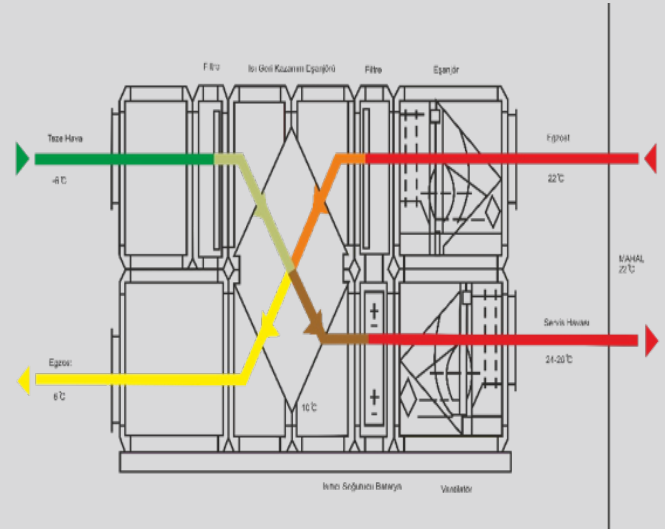
A x B x H : 1320 x 580 x 1540 mm

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

TECHNICAL SPECIFICATION

HRV devices are used to provide fresh air and to exhaust polluted air. The energy of the exhausted air is transferred to the fresh air through the aluminum plate type heat recovery exchanger and energy economy is provided. Enables indoor equipment to be selected at lower capacities for air conditioning.



TECHNICAL DETAILS

- Aluminum plate heat exchanger
- 2 fans
- Wing heater
- Resistance
- Heat exchanger

PACKAGE INCLUDED

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