



GENERAL EXPLANATION

This training set cooling process can be designed for basic equipment and can be fluidized in a transparent evaporator with different nanofluids.

EXPERIMENTS

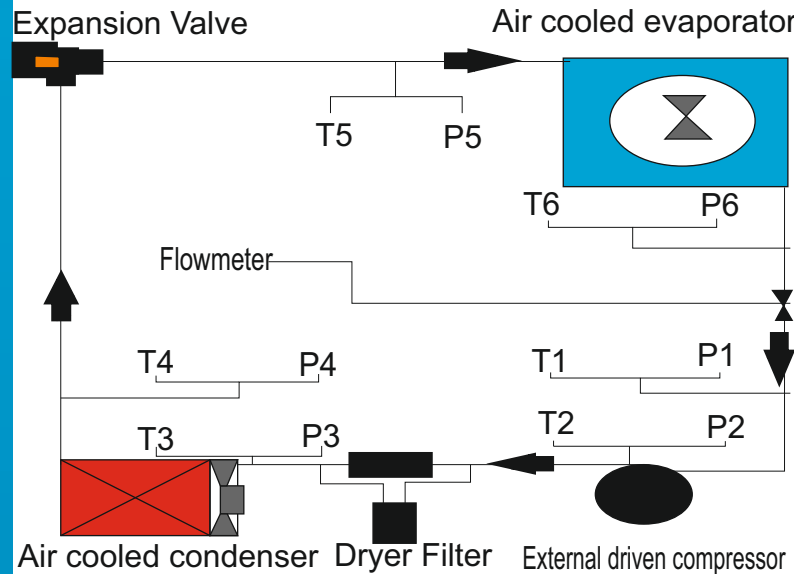
- Demonstrate the basic properties of the mechanical compression refrigeration cycle
- Observe the evaporation process of the coolant in different fluids and transparent evaporator
- PH diagram of the R-134a gas is used as the pressure-enthalpy diagram.

OPTIONAL FEATURES

- Touch Screen LCD
- Computer control created with labview interface

TECHNICAL SPECIFICATION

The trainer is for planning the basic cooling and partition partitions. Basic elements such as condenser, evaporator, expansion valve, compressor, capillary piping, filter are introduced and their properties are explained. The PH diagram of the R-134a gas is used as the pressure-enthalpy diagram.



TECHNICAL DETAILS

- External driven compressor
- Air cooled condenser
- Air cooled evaporator
- Internally compensated thermostatic expansion valve
- Combined pressure switch
- Digital temperature measurement

PACKAGE INCLUDED

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