



ZM6135 Compressed Air Dehumidification Trainer

I Introduction

This trainer is specifically designed for education aims it enables to study the dehumidification process of compressed air ;in fact, as it is well known , compressed must be previously dried before being distributed to the users . this trainer enables to delve into the study of psychometric of compressed air supply software which can monitor voltage current frequency , power ,power, factor pressure , flow , etc , the can be displayed on PC in real time and can print report



II Training Program

plant starting safety devices intervention checking analyzing the system as the set – point of thermostat varies as the air flow to the condenser varies plotting the cycle on pressure – enthalpy diagram of refrigerant data acquisition and calculating

- heat balances corresponding to evaporator ,condenser , compressor
- refrigerant mass flow
- volumetric compressor efficiency

analyzing the thermodynamic characteristics of compressed air with determination of dew point and of its water content specific examination of the characteristics of compressed air after crossing the filters and the refrigerant circuit

supplied with :

English general air-conditioning manual
English experimental hand book

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!