



ZM6119 Trainer for the Study of the Open Type Compressor



I Introduction

The trainer is property designed for educational aims, permits the study of the open type compressor applied to the refrigeration equipment. Supply software which can monitor voltage, current, frequency, power, power factor, pressure, flow, etc, they can be displayed on PC in real time, and can print report.

II Training Program

Plant starting and verification of the intervention of the safety devices
Analysis of the system behaviour depending on
Compressor rpm
Expansion device Air flow at the evaporators and or condenser Study of the open type compressors
Evaluation of the power of a compressor
Drawing the cycle in the pressure enthalpy diagram of the refrigerant gas
Data collection and calculation of:
- Thermal balance at the evaporators at the condenser at the compressor
- Refrigerant gas mass flow
- Compressor volumetric efficiency

Supplied with:

English General Refrigeration Manual
English Experimental Handbook

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