

BENCH FOR STUDYING THE ELECTRIC COMPONENTS IN REFRIGERATION PLANTS

Mod. BCE/EV

INTRODUCTION

This unit has been designed for the assembly of various electric systems and the analysis of each component so that students can acquire the necessary theoretical and practical knowledge to reset the operation of a low power refrigeration system, when the fault concerns the electric system.

RE

TRAINING PROGRAM

- Assessing the electric characteristics of start and run winding of a compressor
- Assembling an RSIR electric starting circuit with ammetric relay and with voltmetric relay
- Assembling a CSIR electric starting circuit with ammetric relay and with voltmetric relay
- PSC start
- CSR start via voltmetric relay
- Start via solid state relay
- Assembling the system control and safety electric circuit of the by connecting it with thermostat and with pressure switch

TECHNICAL SPECIFICATIONS

- Hermetic compressor
- High and low pressure gauges
- Full set of components for developing the training program:
 - solid state relay
 - ammetric relay
 - voltmetric relay
 - thermostat
 - start and run capacitors
- Compressor terminals on front panel
- Coloured wirings for electric connections
- Digital multimeter for electric parameter measurement
- Double pressure switch
- Thermomagnetic - earth leakage control button
- Emergency button
- Fuses
- Start button

Power supply: 230 Vac 50 Hz single-phase - 180 VA
(Other voltage and frequency on request)

Dimensions: 90 x 45 x 76 cm

Net weight: 45 kg



SUPPLIED WITH

THEORETICAL-EXPERIMENTAL HANDBOOK

