

ASSEMBLY KIT OF AUTOMOTIVE AIR-CONDITIONING

Mod. VAC-K/EV

INTRODUCTION

This kit is specifically designed for educational aims so that students can delve into various topics such as the alignment of important mechanical parts, the operation with open type compressors, operating in narrow spaces, etc... The kit can easily be disassembled for repeated uses. The kit is supplied with the system already filled with refrigerant.

TRAINING PROGRAM

- Procedures for (optional item vacuum and charging station required):
 - bleeding and cleaning the system
 - filling the gas and checking the tightness
- Setting the system at work
- Studying the operation of an automotive air conditioner
- Analyzing the system behaviour versus the variation of:
 - engine r.p.m.
 - condenser fan speed
 - refrigerant filling in the system
- Carrying out gas recovery procedures (optional item recovery-recycling unit required)
- Measurement of cycle operating pressures (optional item manifold required)

TECHNICAL SPECIFICATIONS

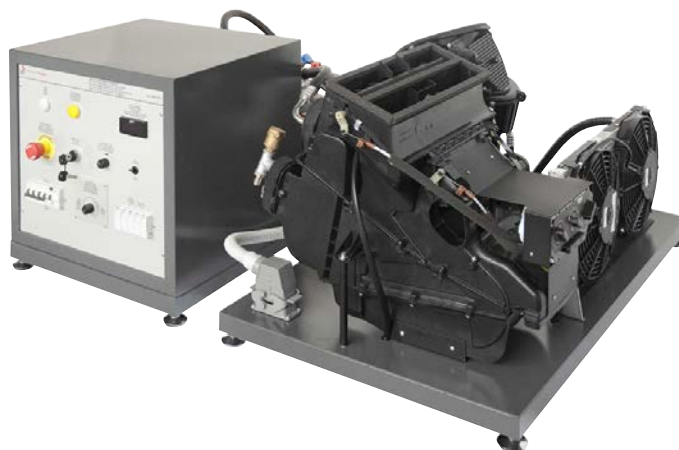
This kit includes all the components of an automotive air conditioner, that is:

- open type compressor provided with pulley and electromagnetic coupling
- speed control motor
- driving belt
- vehicle air conditioning unit
- forced-air condenser controlled by pressure switch
- expansion valve

Moreover the kit is also equipped with switchboard including:

- tachometer
- Thermomagnetic - earth leakage control button
- emergency button
- warning lights

Package dim.: 100 x 100 x 50 cm
Net weight: 133 kg



REQUIRED

UTILITIES (PROVIDED BY THE CUSTOMER)

- Power supply: 400 Vac 50 Hz three-phase - 3000 VA
(Other voltage and frequency on request)

SUPPLIED WITH

EXPERIMENTAL HANDBOOK



OPTIONAL (REF. ACCESS. AND INSTRUMENTS)

RECOVERY-RECYCLING UNIT MOD. RERE



ELECTRONIC BALANCE MOD. RECH

PORTABLE VACUUM AND CHARGING STATION - MOD. VACU-2



ELECTRONIC LEAK DETECTOR MOD. AHLD-1

MANIFOLD MOD. MFLD

