



DESCRIPTION:

Automotive Air Conditioning Program designed to offer hands on air conditioning systems for students. The trainer consists of an electronic climate control air conditioning unit including: compressor, blower, fan, evaporator condenser, accumulator, pressure switch and other related parts mounted on an industrial duty mobile cart. The OEM components are based on an OBI compliant model AC unit, complete with electronic controls, and comes pre-charged with R134a refrigerant.

EDUCATIONAL ADVANTAGES:

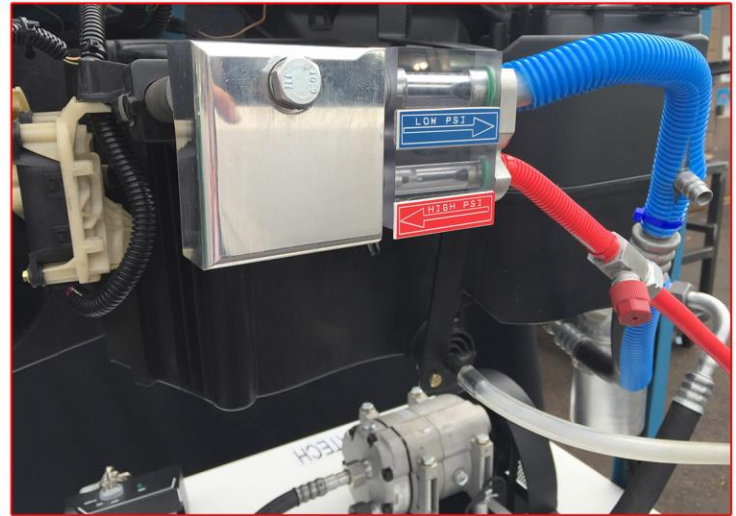
- Uses OEM Automotive components (either Audi or Ford).
- Uses OEM Control panel displays
- Sight Glass at Orifice Tube to show Phase Change (liquid to vapor).
- R134a Combo Kit included (2-Way Manifold Gauge set for R134a w/ dry calibrated gauges and hoses)

FEATURES:

- Orifice tube system
- Uses actual OEM automotive components
- 5 HP Electric Motor
- Control Panel

FEATURES (CONT.):

- Blower Motor
- Evaporator
- Condenser
- Compressor
- (2) Condenser Cooling Fans
- Pressure Cycling Switch
- Motor Activated Vents
- Accumulator
- Fixed Orifice Tube
- (6) Real World Faults
- Owner's Manual
- Instructor's Manual w/ Experiments



Sight Glass at Orifice Tube

SPECIFICATIONS:

Size – 42" x 26" x 60" (122 x 31 x 66 cm)

Weight – Approx. 300 lbs (16 kg)

Power – 12 Volt Battery (NOT included)