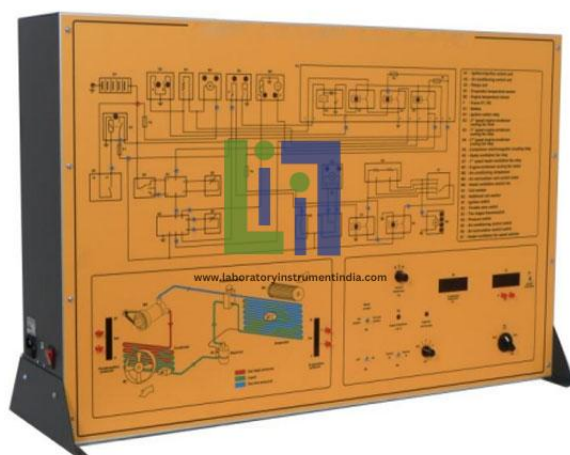




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**Product Name :**  
Air Conditioning For Automobiles

**Product Code :**  
LBNY-0005-10800026



#### Description :

The cooling is obtained by giving heat to the exterior in the zone around the compressor. The cooled fluid expands in the expansion valve and in the evaporator and is transformed in gas. The compressor activated by the engine compresses the refrigerant which consequently warms up; in the condenser the working fluid is cooled until it reaches the liquid phase. To cool the external air refrigerating compressor based systems are exclusively used. The heat necessary for such transformation is subtracted from the entering cool air.

The simulator analyzes all the phases of the refrigeration cycle. In particular:

Relations between temperature and pressure in the refrigerant

Pressure switches

Temperature regulation

Operation of the compressor

Operation of the condenser.

#### Technical Specification :

Air Conditioning For Automobiles



**Laboratory Instrument India**

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