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**Product Name :**  
Air Conditioning System Trainer H Block

**Product Code :**  
LBNY-0005-121000283



#### **Description :**

The trainer uses the H-Block TXV design of refrigerant flow control. The trainer uses common automotive components and can be used in both classroom and shop environments. The Air Conditioning System Trainer H Block is a complete A/C system with unique features designed to enhance the instruction of air conditioning physics. The trainer utilizes a hermetically sealed and internally protected compressor. Operates on 120V 15A 60Hz circuit.

#### **Advantages:**

Fully operational with typical component layout and organization.

Clear sight glasses provide clear understanding of the H-Block (TXV) air conditioning refrigeration cycle.

Trainer has all major components required for an automotive air conditioning system using the H-Block TXV system.

Trainer can be connected to any A/C Recycling/Recovery equipment using R134a service ports.

Allows student observation of refrigerant changes of state (liquid/vapor) at the receiver/drier, evaporator and condenser.

#### **Features:**

High pressure (300psi) safety switch shuts off compressor.

Cycling switch bypass toggle switch.

Internally protected hermetically sealed A/C compressor.

A/C compressor has manual starter with internal thermal protection.

Stainless steel condensate drip pan with drain.

Adjustable 3-speed evaporator (1) and condenser (2) fans.

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**Technical Specification :**

Air Conditioning System Trainer H Block



**Laboratory Instrument India**