



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Air Conditioning Heat Pump Learning System

**Product Code :**  
LBNY-0005-12500031



**Description :**

The Air Conditioning Heat Pump Learning System uses the principle of vapor compression and offers three different types of expansion methods, enabling students to explore a wide range of thermal application and system designs. The Air Conditioning Heat Pump Learning System is a working system with industrial components that can perform heat pump, air conditioning, and refrigeration systems operation. The Air Conditioning Heat Pump Learning System teaches three types of thermal systems: air conditioning, refrigeration, and heat pumps. These components are mounted on a mobile workstation and supported by instrumentation, microprocessor control, student learning materials for both theory and lab, and teachers guide. Students will learn industry-relevant skills including how to operate, install, analyze, and adjust these systems. Manual valves are provided throughout so students can create faults and change system performance. Extensive instrumentation is included. Components are arranged in a breadboard fashion on the workstation to make it easy for students to follow the system flow and understand its operation.

**Features:**

Heavy-duty components  
Various instruments for monitoring system operation.

**Technical Specification :**

Air Conditioning Heat Pump Learning System

---

# Laboratory Instrument India

