

## KRC-38

## SIMULATION OF AIR CONDITIONING PLANT

### SYSTEM FEATURES

- The unit is designed to demonstrate troubleshooting, evacuation & charging of Split Air Conditioner.
- Includes typical Split Air Conditioner Unit consisting of Indoor & Outdoor Unit.
- Instrumentation Panel with all necessary measuring instruments & Safety Devices.

Simulation of Air Condition Plant Trainer with Split AC Model KRC-38 is designed to demonstrate different air conditioning processes. The trainer consists of split ac with indoor & outdoor unit generally used in workplaces. The outdoor unit houses compressor & air cooled condenser. The indoor unit houses evaporator coil, variable speed blower & drip tray. The trainer is equipped with accessories for evacuating & charging process of a split AC. It also features capability to study troubleshooting of AC System.



The unit contains all necessary instruments & safety devices required for safe operation & demonstration of Air conditioning processes.

Detailed Operation & Maintenance Manual is provided along with the trainer.

### Technical Specifications

- Split Air Conditioner complete with Indoor & Outdoor Unit:
- Capacity 1.5 TR
- Conditioning Modes: Heating, Cooling.
- Rotary Compressor
- Refrigerant: R-22
- Remote Control
- Charging Valve
- LP/HP Cut off
- Pressure Gauge & Compound Gauge
- Stand: Steel Frame on Castors
- Electrical Switches & Wiring

### Experiment Possibilities

- Designed to develop students' skills in evacuating, charging, and troubleshooting selected refrigeration systems. (Vacuum & Recharge Station required & to be ordered separately.)
- Familiarization with operation of Split Air Conditioner.

### Services Required

- Electric Supply 230 V AC, Single Phase.
- Vacuum And Recharge Station

**Note :** Specification & Photos can be altered without notice in our constant efforts for improvement