



Features

- The Packaged Air Conditioner Training System used is the same equipment as that of market one teaching and market no gap. The design of this system is consistent with Packaged Air Conditioners available on the market. So it is not only suitable for educational training, but also applicable for professional practice in student's future career.
- Designed to facilitate the operation of the overall equipment at a glance, So students can clearly see the water pipe connection and understand the direction of water flow and how to use the water pump.
- There are flow meters and thermometers in the water pipe line, students can understand the state of water flow and analyze the operation status of KR-221 from the data.
- Designed to bring together devices that were originally installed around the building to facilitate the teaching process and interpretation of the system. Moreover, the trainees are more likely to understand the relevance of each device and can easily move their equipment.
- The connection lines are extended to the front panel for easy practice and a clear understanding of how the board is connected to the line.

Specifications

1. Packaged Air Conditioner Fan Unit
 - (1) Type: water cooling type
 - (2) Power : 3Ø 220V or 3Ø 380V
 - (3) Capacity : 10KW
 - (4) Refrigerant : R-410A
 - (5) Running Amp : 6A~10A
 - (6) Start Amp : 90A ±5A
 - (7) Compressor type : scroll type
 - (8) Refrigerant controller : capillary tube
 - (9) Electric control panel unit
 - (10) Fan output : direct type
2. Cooling Tower
 - (1) Type : counter flow, bottle type cooling tower
 - (2) Inlet pipe dimension : 1 1/2" ~ 3/4"
 - (3) Outlet pipe dimension : 1 1/2" ~ 3/4"
 - (4) Water flow : 39 L/min
 - (5) Capacity : 3RT
 - (6) Fan motor : around 1/6 HP
3. Water Pump
 - (1) Power source : 3Ø 220V or 3Ø 380V
 - (2) Capacity : 1/2 HP
 - (3) Pipe dimension : 1" ~ 3/4"
 - (4) Pump head : 10M
 - (5) Water flow : 50 L/min
 - (6) Amp : 1.6A/1.5A
 - (7) Temperature meter : screw-in liquid thermometers
 - (8) Flow meter : area flow meter
4. Pressure Gauge :
 - (1) Material : steel
 - (2) Unit : Psi & kg/cm²
 - (3) Oil filled type
5. AC Voltmeter :

Range : 0~300V(for cooling tower and water pump)
6. AC Ammeter :

Range : 0~20A(for cooling tower and water pump)
7. Service Valve :
 - (1) High pressure : 1/4"hand valve
 - (2) Low pressure: 1/4"hand valve

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