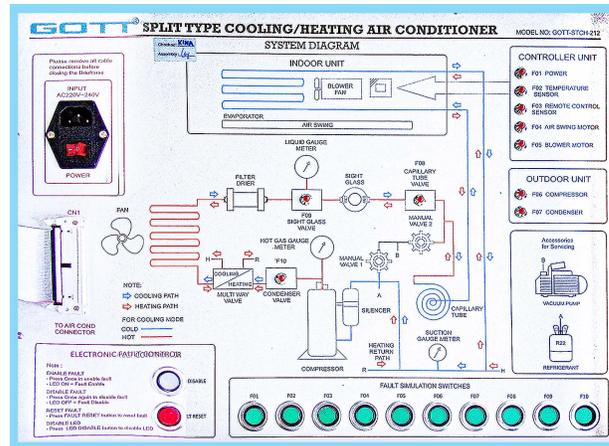


SPLIT TYPE COOLING / HEATING AIR CONDITIONER TRAINING SYSTEM

Model Number : GOTT-STCH-212



DESCRIPTION

The operation of the system is based on a real split-type air conditioner including one indoor unit and one outdoor unit installed on a same stand. The system can be operated as either cooler or heater modes. Provide 4 fixing valves at the front panel to enable students handily install the connection pipes (gas pipe and liquid pipe) between indoor and outdoor units. Provide voltmeter and ammeter at the front panel to monitor instant system power. Provide high and low pressure gauge at the front panel to monitor instant inlet/outlet pressure of the compressor. Both indoor and outdoor units are powered by an isolated power supply with overload protection. The circuit diagram of the system and a Mollier Chart are clearly printed on the front panel for quick reference. Both indoor unit and outdoor unit are installed on an aluminum stand with wheels for easy movement.

FEATURES

- Real split-type air conditioner including one indoor unit and one outdoor unit
- Can be operated as either cooler or heater modes.
- Provide 4 fixing valves
- Handily install the connection pipes (gas pipe and liquid pipe)
- Provide voltmeter and ammeter to monitor instant system power.
- Provide high and low pressure gauge
- Powered by an isolated power supply with overload protection.
- The circuit diagram of the system and a Mollier Chart
- Maximum safety with minimum supervision CFC-Free Unit

PRODUCT SPECIFICATION

The electrical control box contains an isolator / circuit breaker, voltmeter, ammeter, temperature zone selector switch and status indicators for the compressor.

GENERAL SPECIFICATION

Control Modes	Normal mode & Fault mode
Operating Conditions	0 to 45°C, 85% or Less (R.H.)
Input Power	AC 230V, 50/60Hz 1-Phase

COMPONENTS

- Air Conditioner Unit (Indoor unit)
- Condenser Unit (Outdoor unit)
- Compressor Unit
- Filter & Drier
- 3-way service valve
- Capillary Tube
- Hot Gas Pressure Gauge Meter
- Liquid Pressure Gauge Meter
- Suction Pressure Gauge Meter
- Voltmeter
- Ammeter
- H/L Pressure Gauge

EXPERIMENT TOPICS:

- Learning components in split type air conditioner
- Installation of split type air conditioner
- Measuring and collecting experimental data
- Drawing Mollier Chart
- System fault determination
- Analysis and discussion

Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
SPLIT TYPE COOLING / HEATING AIR CONDITIONER TRAINING SYSTEM	GOTT-STCH-212	577-640

* Proposed design only, subject to changes without any notice.