

Product Name :
Chilled Water Refrigerating System Control Trainer

Product Code :
AIR-LABAST-007



Description :

Chilled Water Refrigerating System Control Trainer, We are manufacturer, supplier, exporter and solution provider in quality Chilled Water Refrigerating System Control Trainer

Technical Specification :

Chilled Water Refrigerating System Control Trainer1. It is convenient for learning since the commonly-used control components of chilled water unit were placed on the panel layout.
2. Three-phase motor is used in place of compressor. The learner can go forward their hands-on practicing step by step from basics like interlocking circuit, motor start-up and control circuit of forward / reverse rotation, to the advanced one such as the complete control circuit of reciprocating / screw type chilled water unit, etc..
3. The used pressure component is triggered by direct vapor-pressurizing so the system can close to the real one. On the contrary, the traditional components used for teaching of the past that have to be actuated by bolt or screwdriver can be discarded.
4. The input vapor-pressure, which is divided into 3 mimic pressures like low- pressure, high-pressure and oil pressure, can be used and adjusted separately so the learner

would have clearer

understanding of functionality of each component accordingly.

5. The E.O.C.R is equipped in inner circuit system to ensure the security and avoid the damage of equipment while wiring error.

6. The equipment is equipped with 3 magnetic switches, 3 auxiliary relays, 14 indicators, 2 timing relays, 3 different types switches and digital voltage / current meters. Moreover, one can use them to

take a lot of practice of low-voltage power control circuit and to

test their own designed circuit.

1. Knowledge of electric components

2. Knowledge of protective equipments

3. Y-? manual lower-voltage start control circuit of 3-phase induction motor

4. Y-Y / Y-? circuit of chilled water unit

5. Circuit of chilled water unit

6. Pressure auto-start, manual-start switch circuit, chain circuit

practice

7. Forward / reverse rotation control circuit of three- phase induction motor,
automatic forward / reverse rotation cycle control circuit



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