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Product Name :
Heat Exchangers In The Refrigeration Unit

Product Code :
LBNY-0005-11200017



Description :

Heat exchangers are essential elements in refrigeration systems. A heat exchanger is an energy (heat) exchange system between a hot and a cold fluid. On the other hand, during heating, exchangers are used as refrigerant condensers to discharge energy. In some refrigeration cycles, depending on the application, it is necessary to superheat or supercool the refrigerant. In refrigeration circuits, during cooling heat exchangers are used as evaporator, to absorb energy from the refrigerant.

Experimental unit for the training of apprentices for refrigeration area. The unit includes wheels for its mobility. Main metallic elements made of stainless steel. Diagram in the front panel with distribution of the elements similar to the real one. Anodized aluminum frame and panels made of stainless steel.

Technical Specification :

Refrigeration system with four different heat exchangers:

- Tube heat exchanger (superheater).
- Coaxial coil heat exchanger (condenser).
- Plate heat exchanger (evaporator).
- Finned tube heat exchanger (evaporator).



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