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Product Name :
Refrigeration Training System

Product Code :
LBNY-0005-1410003



Description :

The refrigerant flow can be modified via shut-off valves. Together with the components from heat exchanger, flow meter or manometer, simple refrigeration circuits are realised. For continued experiments additional refrigeration components from advanced experiments are used post-injection valve, capacity controller or defrost timer. This training system practical experiments relating to the operation of a refrigeration system can be implemented by dealing with differently configured compression refrigeration circuits. The components used are common in refrigeration and therefore closely related to practice. All components of the training system have ball valves at the connections. Using the required accessory kit the components are connected into a complete refrigeration system. The base unit Refrigeration Training System includes the main components of a refrigeration circuit: a condensing unit with compressor, condenser and receiver and a refrigeration chamber with integrated evaporator, fan for forced ventilation and an electric defrost heater. The refrigerant R513A serves as working medium. A pressure switch protects the compressor against excessive pressure. For the complete experimental setup laboratory workplace with frame for mounting the components and power supply, is required.

Features:

Clear arrangement of components
Setup of the most varied refrigeration circuits using modular component kits.

Technical Specification :

Extension with components from for advanced experiments in refrigeration systems
Insulated refrigeration chamber with integrated evaporator, electric defrost heater and condensate drip tray
Base unit for the refrigeration training system
Condensing unit, consisting of hermetic compressor, condenser, receiver, pressure switches and shut-off valves

Extension with components from for basic experiments using simple refrigeration circuits.



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