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**Product Name :**  
Refrigeration and Freezing Stage Unit

**Product Code :**  
LBNY-0005-11700044



#### **Description :**

The model is plugged onto the base unit, secured using fasteners and connected with refrigerant hoses to become a complete refrigeration circuit. In refrigeration and freezing combinations evaporators are preferably connected in parallel. This is part of the training system for refrigeration and air conditioning technology. To increase the refrigeration capacity, evaporators are operated connected in series. Here different pressure levels in the evaporators can be used to obtain different temperature ranges for refrigeration or freezing. In combination with the base unit the operational model of a refrigeration system with refrigeration and freezing stage results.

#### **Technical Specification :**

Model of a refrigeration system to plug onto the base unit  
Training system with HSI technology  
Refrigeration chambers with transparent front  
Adjustable evaporation pressure controller  
Operating modes of the system configurable via 5 solenoid valves  
Sensors to record temperature and pressure  
Each refrigeration chamber includes: evaporator with fan (to recirculate the air) and heater to generate the cooling load  
Selectable expansion elements: expansion valve or capillary tube  
Operation of solenoid valves, fan, heater and fault simulation via software.

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# Laboratory Instrument India

