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Product Name :
Assembly And Maintenance Exercise Refrigeration Unit

Product Code :
LBNY-0005-125000108



Description :

Electrical assembly in accordance with the circuit diagram
Easy pipe working of the refrigeration circuit using bolted pipe joints
Workbench with drawers to store the components
Assembly project for the training of mechatronics engineers for refrigeration
Temperature control via thermostat
Air-cooled condensing unit with compressor
Setup of a refrigeration system with refrigeration chamber from a complete set of components
Assembly panel to mount the refrigeration and electrical components
Refrigeration chamber with integrated show case evaporator and fan
Refrigeration chamber with large sight window.

Technical Specification :

Condensing unit
Refrigeration capacity: 373W at 5C evaporation
Temperature
Power consumption: 190W
Receiver: approx. 1L
Show case evaporator
Capacity: 50W at $t_0 = -6C$, $T = 8K$
Transfer area: 1,06m
Thermostatic expansion valve, adjustable
Thermostat, adjustable: -30...15C

Aluminium assembly panel
L x w: 710x500mm
Refrigeration chamber with sight window
L x w x h: 480x280x390mm.



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