

Product Name :
HUMIDITY and TEMPERATURE CONTROL CABINET
(REFRIGERATED)

Product Code :
BMHCE0025



Description :

HUMIDITY and TEMPERATURE CONTROL CABINET (REFRIGERATED)

Technical Specification :

Humidity and temperature control Cabinet are well designed for conducting different laboratory and research experiments for different quality control tests to be carried out on different materials e.g. cement, metals, various electrical fittings, electronic circuits and components, cloth and paper etc. under controlled temp. and humidity conditions.

Construction :-


It is of robust construction. The outer body is made of M.S. Sheet duly pre-treated & finished with epoxy powder paint for lasting finish. Castor wheels provided for easy mobility. The inner chamber is made of Stainless Steel/Titanium Anodized. They are also supplied to make the shelves inside the chamber. Inner chamber facilitates self placement at desired height. The chamber is insulated by filling glass wool in the space of between outer body and chamber to prevent temperature loss. Door is also insulated.

Forced air circulation in the chamber by a blower ensures uniform temperature and humidity inside the chamber. Forced type heater duly insulated from body are provided in the moving air path. Humidity is achieved by generating of steam by immersion type water heater in water reservoir & its subsequent condensation in the circulating air.

Temperature and Humidity Control :-

Dry temperature is controlled by reliable imported thermostat from ambient to 55°C ± 0.5°C. Humidity is also controlled by imported thermostat which controls wet temperature for controlling humidity and switches off immersion heaters to stop generating steam. Arrangement exist only for increasing humidity & not for decreasing the humidity.

- Temperature Range -- Ambient to 55°C ± 0.5°C
- Humidity Range -- Ambient to 95% ± 2% RH
- Size of inner chamber --
- W x D
- 455 x 710 x 455 mm
- 605 x 605 x 605 mm
- 605 x 910 x 605 mm

 **LAB ENGINEERING**
Elab Engineering Equipments Manufacturers