

## YORLAB® DE-HUMIDIFIER Model No.: YSL / YSI-240

—Self Standing with castor wheels

### Specifications:

- Dry air is essential to manufacture Tablets, Capsules, etc. Similarly high humidity causes damage to materials during storage as well as delicate equipments and instruments in Research Laboratories.
- De-Humidifier solves all these problems by removing Excess Moisture from the room air. Removal of moisture helps in improving the product quality and production speed and keeps the instrument performance accurate even in adverse atmospheric conditions. Humidity is controlled by imported Humidistat and measured by Hygrometer/Dry-Wet thermometer & chart.
- De-Humidifier is a compact portable unit controlling humidity upto 30% with an accuracy of +3%. This is available in 1 tonne capacity to cover approx 100 sq. ft. & 1.5 tonne capacity to cover approx 150 sq. ft. of floor area. The unit does not alter the room temperature. To maintain the better working condition for the persons to work inside the room the area should further be air conditioned and sealed properly, and minimum number of persons be allowed inside and avoid frequent opening of the door. De-Humidifier is supplied



with castors wheels for easy mobility and built in tray of capacity 5Ltrs (Approx) for collecting water.

- Maximum height : -90cm
- Suitable to work on 220 V, single phase, 50 Hz, Ac supply. Capacity :- 1.0 Ton, 1.5 Ton

### Optional Accessories:

- Control Box with Humidistat for controlling humidity.
- Digital Microprocessor Humidity controller cum Indicator controlling & indicating Humidity in % directly.

## YORLAB® FREEZER DRYER Model No.: YSL / YSI-250

-Lypholizer

### Specifications:

- YORK Freeze Dryer covers a range of applications from multi user centralised laboratory applications, pilot plants etc. It is a free standing, castor mounted unit with a fully accessible cabinet. It is supplied with a powerful double stage vacuum pump.
- Standard Laboratory Model with Hermetically sealed reputed make compressor gives temperature upto  $-40^{\circ}\text{C}$ . Environment friendly CFC free refrigerant is used and PUF Insulated for better efficiency. Condenser trap is provided at nonmagnetic stainless steel dished bottom for complete effluent removal.
- Refrigerant coils made of copper are heavily insulated for maximum efficiency. Temperature is adjustable upto  $-40^{\circ}\text{C}$  and is maintained automatically by Digital Temp. Controller. Vacuum drum having 22.8 cm dia and 25.4 cm height is made up of nonmagnetic stainless steel with perspex top cover and incorporates 8/12 quick seal valves/ports for manifold drying. Double stage vacuum pump with gas blast giving vacuum 1 x 10<sup>-3</sup> torr Mc lode Gauge. Sample port having 12.5 mm outer dia provided for quick drying. Electronic vacuum indicator, PIRANI gauge is used. Specially designed



Digital temperature indicator to read temperature as low as  $-40^{\circ}\text{C}$ , mounted on front panel. Aesthetically designed cabinet in steel gives a pleasant look.

- Suitable to work on 220V, Hz Ac supply.
- Capacity : 3 liters, 5 liters.

### Optional Accessories :

- Secondary unit.
- Pre freezing attachment for  $-20^{\circ}\text{C}$ .
- Voltage Stabilizer -5kva.