

'EVERFLOW' LYOPHILIZER (FREEZE DRIER) Floor Model:



Technical Specifications:

- ❖ Double walled robust cabinet, The Inner chamber Made of Stainless Steel with thick gauge duly polished and fusion weld leak proof cabinet and Top made of stainless steel the Outer casing is of Mild Steel sheet with powder coat in an attractive colour.
- ❖ Drying chamber size: 200mm Height X 150mm dia, cylindrical, made of thick gauge 304 grade stainless steel.
- ❖ Lid: Made of thick gauge acrylic.
- ❖ Ports: 8-port SS drum drying manifold with 8 quick seal valves.
- ❖ Cold trap size: 350mm L X 150mm dia., cylindrical, made of thick gauge 304 grade stainless steel, front panel made of acrylic (visible).
- ❖ Ice condensing capacity: 4kg/test cycle.
- ❖ Cold trap temperature: -40°C(Optional -80°C).
- ❖ Temperature Control: Digital Temperature Indicator cum controller with LED type digital display, PT 100 as sensor, 1°C resolution
- ❖ Vacuum Pump: Double stage direct drive, 100 ltrs per minute.
- ❖ Vacuum Indication: Pirani Gauge.
- ❖ Vacuum Level: Up to 0.001 m bar
- ❖ Controls Switches: Refrigeration on/off, Vacuum on/off.
- ❖ The Unit is provided with a drain plug to facilitate easy emptying and cleaning of the inner chamber whenever necessary.
- ❖ Control Panel: Comprising of switch to ON/OFF the power and Digital Temperature Controller cum Indicator and Refrigeration / Vacuum Pump.
- ❖ Power Requirement: Suitable to operate on 220V, single phase, 50 Hz, AC supply
- ❖ Built in CFC free & cascade refrigeration system with hermetically sealed Emerson Copeland make compressor for -80°C Cold Trap Temperature.

www.everflowscientific.com



EVERFLOW SCIENTIFIC INSTRUMENTS

No. 231 / 298, Kilpauk Garden Road, Kilpauk, Chennai - 600 010.

Mob: 9444259624, Ph : 044-26646066, 26645708 e-mail: everflowin@gmail.com

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