

# Hot and Cold-Water Sterilizer

## Eliminating the Microorganisms

The unit consists of two separate stainless-steel tanks; one is for sterile hot water and the other is for sterile, cold water; both are mounted on a sturdy S.S. cover stand. Each tank has an individual heater bank, low water cut-off pressure controller & conductor. The unit consists of individual control such as a safety valve, pressure gauge, steam trap, self-sterilizing water filter, water level gauge indicator, air & water filter and draw-off water valve with socket, safety valve, double-acting valve, etc. The sterile water chamber additionally fitted with a cooling coil for circulation of cold water.

### Construction and Salient Features

- Type of Sterilizer: Hot and Cold Sterilizer
- Double/ Triple walled unit vertically mounted on a sturdy, heavy Stainless Steel.
- Both inner chamber and outer wall made of Stainless Steel 304.
- Power Supply: 12kW
- Capacity: 30-50 Liters
- Application: Hospital
- Model No: LM-WS-30L
- Usage/Application - Hospital
- Automation Grade - Fully Automatic
- Description: Hot and Cold Water Sterilizer
- Brand: LuxMed®
- Country: Made in India
- Capacity: 30 to 50 Liters
- Material: Stainless Steel 304/316
- Power Supply: – 12KW
- Insulation Wall: Double Wall with Insulation
- Available Sizes: 30 to 50 Liters.



Hot and cold water sterilizers are two distinct methods: cold water sterilization uses a sterilizing solution of tablets or liquid to kill germs on items, while hot water sterilization (like steam sterilization or boiling) uses heat from water to destroy bacteria. For baby feeding equipment, cold water sterilization involves submerging items in a prepared solution for a set time before removing them for use or storing them in the solution until needed. Hot water methods require boiling items directly or using a steam sterilizer, ensuring all parts are exposed to the heat.

