

Superheated Water Spray Sterilizer



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DESCRIPTION

Our plant assure sterilization in conformity with good manufacturing practices for LVPs, SVP etc. and in accordance with the cGMP issued by FDA. In short, excellent engineering coupled with efficient manufacturing .

Superheated water shower method is an efficient process for the sterilization of sealed containers.

The process water is circulated through sanitary pumps via heat exchanger. Industrial steam or cooling water is admitted to the external heat exchanger.

Circulation pump is designed for high circulation performance, uniform temperature rise during heating and optimal temperature distribution during sterilization.

External heat exchanger is FDA-compliant double-tube sheet heat exchanger or plate heat exchanger.

FEATURES

- The panel use LCD touch screen control.
- Program Flow: Use PLC control, for ease of operation and provide three sterilization programs or by customer specifications.
- Simple & safe operation: The automatic programs provide with complete and safety control to ensure safe operating condition.
- Temperature recorder for continuous monitoring and recording of the sterilization process.

SPECIFICATION

- Sterilization chamber in 316, 316 L stainless steel.
- Piping and valves directly connected with chamber in stainless steel.
- Chamber piping all valves and fittings are sanitary class.
- Insulation by Glass wool.
- Automatic temperature controller.
- Automatic temp. Recorder - 6 points or 12 points.
- Sealed Door Packing: Use heat-resistant silicon rubber material ring packing.
- Absolute air vent filter for prevention of sterilized product contamination.
- One door or pass through type double doors.
- Single wall (cylindrical chamber) or double walls (parallel equipped chamber) body.
- All control and safety components are adapted to the higher temperature and pressure.

