



# Steam Sterilizer

## Steam Sterilizer

With Vertical Sliding Door



### **USES:**

**Fabwell** Sterilizers are ideal for Hospitals, Research Laboratory and other Pharmaceutical Industry. They are designed for safe & efficient sterilization of various items such as Ampoules & Vials, Rubber goods, empty flasks, instruments & utensils, Fabrics wrapped or unwrapped, etc.

### **CONSTRUCTION:**

The chamber is constructed of heavy duty stainless steel 316 to with stand pressure of 2.2 Kg/cm<sup>2</sup> corresponding to temperature of 134°C and also to with stand vacuum of 650-700 mm (26"/28") of Hg. in Chamber.

Two rails are provided in the chamber bottom for easy loading & unloading of the material on Carriage.

### **DOORS:**

The Sterilizer is supplied with single door or double doors made of 304/316 S.S. The doors are having automatic sliding type arrangement.

The doors will have unique arrangement to open them manually in case of power failure.

The door Gasket will be of Silicon Rubber.

### **SAFETY FEATURES :**

A special provision prevents the operator from opening the door in following events:-

- a) When the chamber is under pressure
- b) When one door is open the other cannot be opened (for Sterilizer with 2 Doors).

#### **Vacuum Breaker.**

Heavy duty safety valves.

#### Fittings & Piping.

- Plug Screen in the Chamber (in front)
- A Thermostatic Steam Trap/Air Vent
- S.S. Baffle Plate
- Temperature and Pressure / Vacuum indicator (gauges)
- The piping is of stainless steel 304/316.

#### MODE OF HEATING/STEAM SUPPLY

The Sterilizer is operated by steam supplied from the central boiler or by in -built electric steam generator.

#### Steam Generator :

Autoclave can be supplied with 304/316 S. S. steam generator operable on electricity. It has safety features such as low water cut off, pressure control etc.

#### VACUUM SYSTEM :

This system is used for effective air removal from Autoclave chamber. It consists of efficient of water-ring type vacuum pump, condenser etc.

#### AUTOMATIC PROCESS CONTROL UNIT :

The control unit is based on advance PLC or Microprocessor technology. This unit control different sterilization cycles with the help of in -built different program combinations. Control unit is provided with manual operation facility.

#### ACCESSORIES :

#### MATERIAL HANDLING:

Autoclave can be supplied with stainless steel removable shelves/trays or with a loading carriage & trolleys.

#### Carriage & Trolley :

The loading carriage is made of stainless steel 304/316. And it has adjustable shelves which can be positioned according to Height of the goods. It is designed to slide easily from chamber to trolley. The trolley is made of S.S./M.S. and its base has four heavy duty castors.

#### STANDARDS :

It can manufactured to comply with any other international standard/s.

GENERAL INFORMATION			STEAM GENERATOR		UTILITIES			
CHAMBER SIZE (in mm)			VOLUME	ELEC LOAD	ELEC. RQ.	STEAM PR.*	AIR PR.	WATER PR.
W	H	D	Litres	kW.		KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	KG/CM <sup>2</sup>
450	450	900	175	12	440 V 3 ph.	3-5	5-7	0.7-0.8
450	450	900	225	18	50 Cycle with neutral	3-5	5-7	0.7-0.8
600	600	900	325	18		3-5	5-7	0.7-0.8
600	600	1200	425	24		3-5	5-7	0.7-0.8
600	600	1500	525	36		3-5	5-7	0.7-0.8

\*for units operated by steam supplied from the central boiler

The Chamber Having Bigger cross-section than above models are supplied with horizontal sliding type doors.

#### **As per your need**

**We also offer any other chamber dimensions/specifications designed for special applications/requirements.**

We reserve the Right to alter, Modify, Improve or Change the Design of our Products as Result of continuous Development.



MANUFACTURERS OF PHARMACEUTICAL & HOSPITAL EQUIPMENT

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