

Vertical cylindrical Autoclave comprises of steam jacket electrically heated, inner chamber & lid made of stainless steel 316/304, works on 3-phase, 440V., A/C, 50 HZ supply fitted with automatic pressure control switch, safety valve, pressure gauge, compound gauge, temperature gauge, etc.

CHAMBER: – The chamber is made of heavy gauge, stainless steel 316/304, fitted with stainless steel forged ring and forged lid, chamber & jacket are fitted with two safety valve of stainless steel, pressure gauge, water outlet and inlet ball valve and vacuum breaker Air inlet valve, stainless steel steam condenser, tube with stainless steel eject valve.

STEAM GENERATOR: – The steam generator is made out of stainless steel heavy gauge fitted with pressure gauge and water draining valve.

OUTER COVER: – The outer cover is made out of stainless steel, duly insulated with high density mineral wool from the inner chamber and fitted with stable legs.

PRINCIPLE :- The steam generates from the jacket and gets condensed by the help of the eject valve which goes through condensing tube and the dry steam gets into the chamber to penetrate into the packs contained in the chamber.

OPERATING TEMPERATURE & PRESSURE Sterilizing Temp :

121°C to 134°C

Sterilizing pressure : 1.2 to 2.2 kg/cm² (15 psi to 30psi) Power

Requirement : Suitable to operate on 230v, 440v volts, single ph, 3 ph, 50

Hz, Ac supply



VERTICAL CYLINDRICAL AUTOCLAVE

OPTIONAL FEATURES

- ❖ Chamber/Jacket of S.S. 316/304
- ❖ Door of S.S. 304/316
- ❖ Dressing Drums
- ❖ Direct steam supply from centralized boiler
- ❖ Digital Temperature controller /chart recorder
- ❖ High pressure High vacuum model
- ❖ Fully automatic with printer/microprocessor base controlled model

OPTIONAL SPARE ACCESSORIES

- ❖ Pressure gauge/Compound gauge
- ❖ Water level glass tube
- ❖ Temperature Gauge

- ❖ Non return valve
- ❖ Moisture trap
- ❖ Joint less Gasket :- Neoprene/silicon food grade rubber
- ❖ Heating elements (Flange Type) Rating 6.0 kw, 9.0, kw, 12.0, kw.

AVAILABLE IN FOLLOWING CAPACITIES

Dia × Depth Load Capacity

300 x 500 mm 3 kw 40 Ltr.

350 x 500 mm 4 kw 50 Ltr.

400 × 600 mm 6 kw 78 Ltr.

450 x 600 mm 6 kw 98 Ltr

550 x 700 mm 6 kw 150 Ltr.

