



- Vertical autoclave is widely used in Microbiology, Medicine, Waste treatment, Pharma QC / QA / R & D and all applications requiring sterilization.
- Double walled construction, Inner chamber (boiler) made of Stainless Steel 16 SWG sheet – 304 grade and Exterior shell of Stainless Steel sheet - 304 grade, mirror polished.
- The boiler and outer shell is provided with air insulation.
- Lid is made of die pressed thick stainless steel plate & is equipped with Pressure gauge, Steam release/Exhaust valve, Spring loaded safety valves & 1/4" BSP Port fitted with coupling for validation purpose.
- Foot lifting arrangement for the lid.
- Fully argon welded to avoid steam and pressure leakage.
- Heavy duty Industrial flange heaters.
- Full sterilization cycle including Air purging, Sterilizing hold time, Cycle end with release/exhaust of pressure & Alarm is automatic.
- Microprocessor based controller with time and temperature programmable by user.
- Timer range : 1 to 99 minutes.
- Temperature sensor: PT-100.
- Perforated basket made of Stainless Steel sheet – 304 grade.
- Operates on 230 Volts AC Single phase 50 Hz.

SAFETY FEATURES :

A. Low water level cut-off card connected to the heater which automatically cuts off power to heater if water level is not sufficient, thus, Protecting heaters from dry run.

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|------------------------|---|
| Temperature Range | 121° C to 125° C |
| Temperature Resolution | 0.1° C |
| Pressure range | 15 PSI to 20 PSI Factory Set at 15 PSI |

| MODEL | CAPACITY (LITRES) | SIZE (DIA X HT) | | RATING | NO OF BASKET |
|-------|-------------------|-----------------|--------------|---------|--------------|
| | | INCH | CM | | |
| AUV-1 | 22 | 10 Ø X 18 Ht | 25 Ø X 45 Ht | 2000 W. | 1 |
| AUV-2 | 35 | 12 Ø X 20 Ht | 30 Ø X 50 Ht | 2000 W. | 1 |
| AUV-3 | 52 | 14 Ø X 22 Ht | 35 Ø X 55 Ht | 3000 W. | 1 |
| AUV-4 | 90 | 16 Ø X 24 Ht | 40 Ø X 60 Ht | 4000 W. | 1 |
| AUV-5 | 95 | 18 Ø X 24 Ht | 45 Ø X 60 Ht | 4000 W. | 1 |
| AUV-6 | 120 | 18 Ø X 30 Ht | 45 Ø X 75 Ht | 4500 W. | 2 |
| AUV-7 | 175 | 22 Ø X 30 Ht | 55 Ø X 75 Ht | 5000 W. | 2 |
| AUV-8 | 200 | 22 Ø X 36 Ht | 55 Ø X 90 Ht | 6000 W. | 2 |