

MAC

HOT AIR OVEN (Memmert Type)



HOT AIR OVEN (Memmert Type) MSW-211

MAC

BENEFITS & ADVANTAGES

- ◆ Forced convection system ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber.
- ◆ Most ideal for various experiments in microbiology, cell cultivation of animals and plants and food for various laboratories, industries, R&D lab etc.
- ◆ Synthetic door gasket made of neoprene on the double walled door.
- ◆ User oriented design of shelves makes you adjust each space of shelves without difficulty.
- ◆ Adjustable two ventilation slides control inner air / vapour circulation.
- ◆ Beaded heating elements are placed in ribs, at bottom and sides for uniform heat distribution.

Temperature Range : 50°C to 250°C $\pm$ 1°C.

Forced Convection : Available with forced convection system (Standard Feature).

Temperature Controller : MICROPROCESSOR BASED SEMI AUTOMATIC PID DIGITAL TEMPERATURE INDICATOR-CUM-CONTROLLER with an in-built DIGITAL TIMER to control the temperature. Once the unit is switched 'ON' heating starts automatically and once the set/desired value is achieved the in built AUTOMATIC DIGITAL MINUTE TIMER starts automatically. Once this set time period is over the heaters are switched "OFF" automatically and the unit sounds a BUZZER, thus alerting the user that process is complete.

Type : Available with forced convection system

Regulator : Solid state electronic relay with protective heat sink.

CONSTRUCTIONAL FEATURES

- ◆ Outer body made of mild steel sheet duly powder coated.
- ◆ Inner chamber and adjustable trays are optionally made of Aluminum or Stainless Steel (SS-304 grade). (as ordered)
- ◆ Gap between inner chamber and outer wall is filled with high grade mineral wool for minimal heat dissipation.
- ◆ Bigger sized units mounted on caster wheels for easy portability.
- ◆ Door fitted with heavy duty hinges and door handle ensuring there are no leakages through the door gasket.
- ◆ To work on 220/230V AC, 50/60 Hz supply.

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	Internal Dimensions (WXDXH) (mm)	Capacity	Heat Load	No. of Shelves
#0UD-28	300x300x300mm	28 ltrs	0.50 KW	2
#0UD-45	355x355x355mm	45 ltrs	0.50 KW	2
#0UD-95	455x455x455mm	95 ltrs	1.00 KW	2
#0UD-125	455x455x605mm	125 ltrs	1.00 KW	2
#0UD-150	455x525x605mm	150 ltrs	1.00 KW	2
#0UD-224	605x605x605mm	224 ltrs	1.50 KW	2
#0UD-252	605x455x910mm	252 ltrs	1.50 KW	3
#0UD-336	605x605x910mm	336 ltrs	1.50 KW	3
#0UD-500	600x900x900mm	500 ltrs	2.75 KW	3

* LCD & TFT Models are also available.

* GMP Models are also available suffix SS to above model to above model For example for GMP model of #0UD-28, write #0UD-28(SS)

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