ALPHA ®
SUDARSHAN

ASE-151 Hot Air Oven Universal (Memmert Type) Alpha™

These are sturdy double walled units with outer chamber made of M.S Sheet powder coated inner chamber made of stainless steel sheet 304 grade. The gap between inner and outer chamber is filled with high grade Mineral glass wool to avoid thermal losses. Beaded heating elements are made of high grade Imported Nicrome wire are placed in ribs, at bottom and both sides. It have Temp Uniformity at 150 degree : 2±0.05 K. It have Temp fluctuation at 150 degree : 0.4±0.005 K. The Recovery time after 30 second door opening at 150 degree 18 to 22 min. Over temperature cut out electronically above set temperature to ensure operational safety. Inner chamber is provided with ribs for adjusting perforated Stainless Steel shelves to convenient height. 2 Air ventilators are also provided on the sides of the unit. To work on 220/230 volts A.C. supply. Fitted with load indicator and safety thermostat take over indicator lamp. temp, LCD/ LED indicator. It have USB port for recording data. It have 24 point temperature calibration. All the control switches & pilot lamps are fitted on the front panel. Door gasket fixed on the double walled door for proper sealing.

Fitted with heavy hinges with a ball catcher, spring loaded door closing device. Door is duly insulated. All units are fitted with Forced Air Circulation fan as a standard feature. Complete with long wire & three pin socket. Other changes like Microprocessor Based Digital Controller Temperature Indicator-cum-controller with electronic timer 99 min & PT-100 sensors with an accuracy of $\pm$ 1^{O}C from ambient to 350 ^{O} C $\pm$ 1^O C. with thermostat control knob and indicators for mains and thermostat can be instal on requirement. Complete with manual .European CE (UK) certified.

Other changes will be done on request or as per user specification.
Available in following sizes :
INNER CHAMBER SIZE (W x D x H) TRAYS

	INNER CHAMBER SIZE (W x D x H)	TRAYS
(a)	300x300x300mm.	2
(b)	355x355x355mm.	2
(c)	455x455x455mm.	2
(d)	455x455x605mm.	3
(e)	420x400x650mm	3
(f)	605x605x605mm.	3
(g)	605x455x910mm.	3
(g)	605x605x910mm.	4

ALPHA ®
SUDARSHAN

ASE-151 Hot Air Oven Universal (Memmert Type) Alpha ™

These are sturdy double walled units with outer chamber made of M.S Sheet powder coated inner chamber made of stainless steel sheet 304 grade. The gap between inner and outer chamber is filled with high grade Mineral glass wool to avoid thermal losses. Beaded heating elements are made of high grade Imported Nicrome wire are placed in ribs, at bottom and both sides. Dry heat to sterilize articles at 100° C for 30 minutes. Over temperature cut out electronically above set temperature to ensure operational safety. Inner chamber is provided with ribs for adjusting perforated Stainless Steel shelves to convenient height. 2 Air ventilators are also provided on the sides of the unit. To work on 220/230 volts A.C. supply. Fitted with load indicator and safety thermostat take over indicator lamp. temp, LCD/LED indicator. All the control switches & pilot lamps are fitted on the front panel. Door gasket fixed on the double walled door for proper sealing.

Fitted with heavy hinges with a ball catcher, spring loaded door closing device. Door is duly insulated. All units are fitted with Forced Air Circulation fan as a standard feature. Complete with long wire & three pin socket. Other changes like Microprocessor Based Digital Controller Temperature Indicator-cum-controller & PT-100 sensors with an accuracy of $\pm$ 1°C from ambient to 250 ° C $\pm$ 1° C. with thermostat control knob and indicators for mains and thermostat can be instal on requirement. Complete with manual

Other changes will be done on request or as per user specification.
Available in following sizes :
INNER CHAMBER SIZE (W x D x H)   TRAYS

(a)	300x300x300mm.	2
(b)	355x355x355mm.	2
(c)	455x455x455mm.	2
(d)	455x455x605mm.	3
(e)	400x400x800mm	3
(f)	605x605x605mm.	3
(g)	605x455x910mm.	3
(g)	605x605x910mm.	4