

Production Department

Technical specifications of Electric hot air oven of heating capacity 350°C, size: 900x600x600mm

SL	Technical Specification	Details
01	Item	Electric Hot air Oven
02	Inside dimension of oven LxWxH	Length minimum = 900mm Width minimum = 600mm Height minimum = 600mm
03	Heating Job Size	Maximum job/flexible dimension is LXWXH = 652 X 152 X 25mm 3 to 4 no of jobs are kept at a time
04	Heating job drawing	31001416038 Rev:01 attached
05	Weight carrying capacity (no of jobs)	35kg (each job of approx. 7 kg) (5 no piece)
06	Total Compartments/ Shelves (SS)	3 to 5 no
07	Compartments material	Stainless Steel Grade SS304
08	Temperature Accuracy	Minimum $\pm 5^{\circ}\text{C}$ (at 350°C)
09	Temperature Range	Minimum Ambient $\pm 350^{\circ}\text{C}$
10	Temperature sensor	RTD based
11	Maximum temp heating time (up to max 350°C)	Minimum 45minutes to 60 minutes
12	Temperature Resolution /control	5°C though Microprocessor/PID based
13	Protections	MCB protection, overload & overheat
14	Time resolution	1minute
15	Type of Door	Single (heavy duty silicon insulating gasket)
16	Material Door and Outer Body	MS/SS
17	Display Hot Case Temperature & Time	Yes, digital display & control
18	Inner Chamber Body	Stainless Steel Grade SS304
19	Outer Chamber Body	MS/SS
20	Electricity Input	230V or 440V 50Hz, AC supply
21	Wattage(KW)	Minimum 6Kw
22	Forced fan (KW)	To be provide by vendor
23	Calibration	Display panel/system required to be calibrated by NABL
24	Warranty	Min 2 year
25	Manual	Operation and Maint manual required
26	Movement	On wheels/Fixed
27	Civil foundation	Not required
28	Installation	Supplier scope
29	Commissioning	Supplier scope
30	Training	Supplier scope

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