



Vaccum Oven Rectangular

Models:
(ACM - 22068 I)



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• ACM - 22068-I

WEIBER®

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Vacuum Oven Rectangular

Material Of Construction

Our Weiber Vacuum ovens are double walled with inner chamber of Stainless steel sheet of grade SS 304 and outer wall of heavy gauge PCRC steel. sheet duly degreased and pre treated with primers for rust proofing duly painted with attractive stove enamel or powder coated .

Temperature Range

50 Degree C to 200 degree C

Temperature Control

The temperature inside the chamber is controlled by intelligent programmable temperature controller and indicator. This controller is based on the microcontroller nano watt technology and its ergonomic design suits for any specific requirement of the hot air oven, like Data logger

facility, Thermal and DOT Matrix interface, direct data load facility in computer office automation software like MS-Word and Excel

Vacuum

The unit is designed to provide/ hold vacuum of 700 mm Hg

Vacuum Display

The vacuum of the chamber is displayed by vacuum gauge mounted on the panel of the oven.

Insulation

The gap of 75 mm between the outer and the inner wall is filled with special grade glass wool to prevent thermal losses. Mineral Glass Wool Insulation : Glass mineral wool is one of the most environmentally friendly, stable and sustainable insulants available. Glass wool is incombustible by nature.

Euro class classification is A. It does not propagate flames and toxic smokes. Thanks to a dense entanglement of materials with a low conduction and trapping a great amount of air, glass wool is a an excellent thermal insulant. The thickest it is, the best thermal resistance it has, thus reducing heat losses in our equipments for better sensitivity and economical operations. And its impact on the environment in manufacture, use and disposal is minimal.

Front Panel

The front panel is provided with separate indicator lamps for main heating and incoming voltage. Digital Temperature controller cum Indicator, vacuum gauge and voltmeter.

Shelves

The unit is supplied with one/two three shelves(Model Specific) of stainless steel sheet

(Dimensions-Inner)

VACUUM OVEN (Rectangular)

Size: 200mm x 200mm x 300mm

Size: 300mm x 300mm x 400mm

Size: 350mm x 350mm x 500mm

Size: 450mm x 450mm x 600mm

Optional Accessories

Digital vacuum indicator cum controller with vacuum transducer

Microprocessor based programmable temperature controller

Soild State digital Temperature controller cum indicator
Vacuum pump for the above unit.



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Technical Matrix

Temperature control		
Temperature variation (time)	+/-°C	1
Temperature deviation (spatial)	+/-°C	1
Readability/ Set ability	°C	0.5
Temperature range ***	°C	5 o c above ambient to 200 o c
Sensor thermocouple		Type K
Controller		Thermostat/Solid State digital Controller / PID optional
Display		Capillary type Thermometer/LED/LCD
Adjustable alarm limits (visual and acoustic)		Optional
Safety thermostats		
Temperature variation (time)	+/-°C	3 (With PID Controllers)
Sensor thermocouple		Type K
Automatic setting		Yes
Adjustable limits		Yes
Accessories		
Real Time Program		optional
Printer Report Program		optional
Serial Data Port	RS232	optional
Inspection window in door		optional

Shelves		
Standard/ max		1 - 6 (depending on the internal size)
Dimensions w,d	mm	As per the individual model
Max load per shelf	kg	20
Permitted total load	kg	80 kg (Max Internal Size)
Accessories		
Printer Report Program		optional
2 x 24 characters LCD Display		optional
Access Port 30 mm		optional
Inspection window in door with cover Castors, lockable		optional Yes
Power consumption		
Nominal power	W	950 to 1800 W
Nominal voltage	V	230, 1~
Frequency	Hz	50/60



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ACMAS TECHNOCRACY PVT. LTD.

SALES OFFICE (INDIA)

312-313, Vardhman Capital Mall, L.S.C. 10, GulabiBagh, Delhi-110052, INDIA

Tel: 0091-11-23646703, 23643054

(M) +91-9313971681 | Email: india@acmasindia.com

SALES OFFICE (HONG KONG)

Unit D 28 11/f Wing Tat Comm, Bldg 97, Bonham Strand East, Sheung Wan, HONG KONG (PRC).

Tel: 0086-13929598046 | 0086-18922303099

Email: hk@acmasindia.com

SHOWROOM

141, Rai Industrial Estate, Rai, Sonapat, Haryana-131029, INDIA

Tel: 0091-0-9312219738 (M) +91-9717741167

Email: info@acmasindia.com

SALES OFFICE (RUSSIA)

Inmed Trade Street, Ozerkovsky Embankment, Unit No 50 Straine-1, Off-502, Moscow, RUSSIA

Tel: 0049-79592345 | Email: russia@acmasindia.com