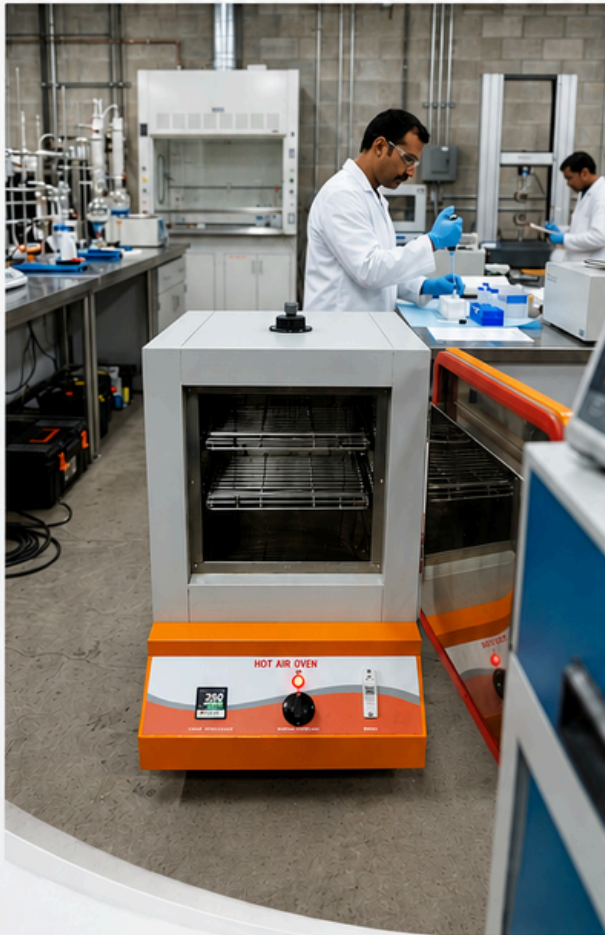


VACUUM OVEN



PRECISE
TEMPERATURE
CONTROL



DURABLE
& RELIABLE
PERFORMANCE



VACUUM
ENVIRONMENT
FOR ACCURATE
RESULTS



BUILT FOR
LAB & INDUSTRIAL
APPLICATIONS

Ants Innovations PVT. LTD

An ISO 9001-2008 Certified Company.
Unit No. 2, New Jivdani Industrial Estate No. 1, Dhupal Nagar,
Off. Western Express Highway, Vasai (East)-401208.

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Specifications for RECTANGULAR VACUUM OVEN

Standard Construction	All models have Double Wall Construction: a. Standard Model: Inner Chamber of SS304 & Outer Chamber of Mild Steel powder coated. b. GMP Model: Inner & Outer Chamber both of SS304 c. GMP Model: Inner Chamber SS316 & Outer Chamber of SS304.
Chamber Size	Inner chamber is of 3mm thickness
Insulation	70mm Mineral/Ceramic Wool Insulation in between the two walls
Door	→ Door constructed of Mild Steel powder coated for Standard Model or SS304 for GMP Model. → Door provided with toughened glass window for viewing the samples inside the chamber.
Gasket	Door fitted with long lasting molded silicon gasket to maintain seal on level of vacuum inside inner chamber
Temperature Uniformity	→ $\pm 1^{\circ}\text{C}$ at 100°C , $\pm 1.5^{\circ}\text{C}$ at 150°C , $\pm 2^{\circ}\text{C}$ at 200°C → $\pm 2^{\circ}\text{C}$ at 250°C , $\pm 3^{\circ}\text{C}$ at 300°C
Control Accuracy	+/- 1°C
Thermocouple	PT 100 type sensor (3 Wires) for temperature sensor
Heater	Heating element is made of the best quality Nichrome wire
Indication Lamp	Indicating lamp for Main & Heat
Selector Switch	Selector switch can be set at the required position depending on the temperature range
Vacuum Valve	Vacuum ball valve is used to vacuum the air from inside the inner chamber by connecting a vacuum pump
Release Valve	Release valve used to release vacuum from inside the inner chamber by gently turning the knob of ball valve
Vacuum Gauge	Analog type vacuum gauge is used with maximum vacuum up to 760mm
Vacuum Level	0 to 30" / 0 to 760 mm of Hg vacuum
Supply	230 Volts Ac. single Phase
Temp. Control	Single Set Point Temperature Controller- Temperature is controlled by a microprocessor based digital PID Temperature Controller with LED Display
Control Panel	Control Panel Will Consists ON/OFF switch
Switch	Mains on/off switch
Trays	Heavy duty Stainless Steel SS304 trays are provided
Documentation	User Manual with Calibration Certificates
Vacuum Pump (Optional)	Suitable Dry Diaphragm Pump or Oil based Dual Stage Rotary Vane Pump
Vacuum Pipe (Optional)	Silicone Pipe 1 meter for connecting to vacuum pump
Optional Accessories	Programmable Controller, Ultra High Vacuum, Custom Sizes, Gas Purging, Higher Operating Temperature



PRICE LIST OF RECTANGULAR VACUUM OVEN
Temperature Range: Ambient +5°C to 300°C



A - Inner SS304 & Outer MS Powder Coated

Model No.	Capacity Litres	Internal Size W x D x H (mm)	No. of Trays
AL-RVO-8-A	8	200 x 200 x 200	2
AL-RVO-27-A	27	300 x 300 x 300	2
AL-RVO-42-A	42	350 x 350 x 350	3
AL-RVO-64-A	64	400 x 400 x 400	3
AL-RVO-190-A	90	450 x 450 x 450	3
AL-RVO-125-A	125	500 x 500 x 500	3
AL-RVO-216-A	216	600 x 600 x 600	4

B - Inner & Outer SS304

Model No.	Capacity Litres	Internal Size W x D x H (mm)	No. of Trays
AL-RVO-8-B	8	200 x 200 x 200	2
AL-RVO-27-B	27	300 x 300 x 300	2
AL-RVO-42-B	42	350 x 350 x 350	3
AL-RVO-64-B	64	400 x 400 x 400	3
AL-RVO-190-B	90	450 x 450 x 450	3
AL-RVO-125-B	125	500 x 500 x 500	3
AL-RVO-216-B	216	600 x 600 x 600	4

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C- Inner SS316 & Outer SS304



Model No.	Capacity Litres	Internal Size W x D x H (mm)	No. of Trays
AL-RVO-8-C	8	200 x 200 x 200	2
AL-RVO-27-C	27	300 x 300 x 300	2
AL-RVO-42-C	42	350 x 350 x 350	3
AL-RVO-64-C	64	400 x 400 x 400	3
AL-RVO-190-C	90	450 x 450 x 450	3
AL-RVO-125-C	125	500 x 500 x 500	3
AL-RVO-216-C	216	600 x 600 x 600	4

TERMS AND CONDITIONS

Prices	Ex-Works Mumbai
Packing	Wooden Packing will be charged extra
Forwarding	Forwarding will be charged extra as applicable
Freight	Freight will be charged extra as applicable
Unloading and Insurance	In end user's scope
Warranty	12 months for any manufacturing defect
Delivery	Ex-stock or within 3-4 weeks
Installation	Installation will be done on video
GST	@ 18% or whatever at the time of invoicing will be extra
Payment Terms	Advance before dispatch
HSN Code	85143090

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