



Enviro Systems
Simplifying climatic world

Ambient +5°C to 250°C Oven



***HOT AIR , VACUUM, CONSTANT
OVEN , SERIES***

LAB OVEN SERIES

Qvary



- ✓ Inner fully made from stainless steel 304L along with trays and clips..
- ✓ Inner lamps provided.
- ✓ Lock provided.
- ✓ Door open alarm provided
- ✓ Trays for adjustable type

✓ Temperature maintain accuracy is $\pm 0.1^{\circ}\text{C}$

✓ Fully automatic function, so don't worry about heating or cooling mode.

✓ Communications are available RS 485

✓ Remote alarm available

Viewing windows or fully hard door and Fully glass door are available



INDUSTRIAL OVEN SERIES

Q vary



- ✓ Inner fully made from stainless steel 304L along with trays and clips..
- ✓ Inner lamps provided.
- ✓ Lock provided.
- ✓ Door open alarm provided
- ✓ Trays for adjustable type

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VACUUM OVEN SERIES

Q vary



- ✓ Inner fully made from stainless steel 304L along with trays and clips..
- ✓ Inner lamps provided.
- ✓ Lock provided.
- ✓ Door open alarm provided
- ✓ Trays for adjustable type

✓ Temperature maintain accuracy is $\pm 0.1^{\circ}\text{C}$

✓ Fully automatic function, so don't worry about heating or cooling mode.

✓ Communications are available RS 485

✓ Remote alarm available

Viewing windows or fully hard door and Fully glass door are available



CONSTANT OVEN SERIES



- HAT, often called Hot Air Oven are commonly used for applications such as Sterilizing various medical and laboratory equipment, such as glassware, metal instruments, plastic ware, injectables, scalpels, scissors, spatula, blades, and glass syringes.
- Drying various materials, such as powders, granules, and liquids.
- Heating various materials, such as wax, oil, and food products.
- Aging various materials, such as polymers, rubber, and plastics.
- Baking and curing various materials.

Determinations, rial Culturing .

Q vary offers hot air oven at various sizes, combined with the superior temperature control and recording features. Forced air circulating technology ensures the temperature uniformity ,faster heating and future provided to models for **ECONOMIC** and **PREMIUM** viewing of stored Products



GMP Model Available

Inner Chamber made of Stainless Steel (SS 316) mirror finish & Outer SS304 matt finish.

Hot air oven SERIES

Catalog # Parameters	Hot air oven200	Hot air oven360	Hot air oven430	Hot air oven530	Hot air oven955
Capacity	210 Litres	365 Litres	430 Litres	530 Litres	955 Litres
Inner Dimensions L x B x H, mm	420 x 506 x 1000	500 x 550 x 1300	500 x 550 x 1634	640 x 540 x 1600	1050 x 600 x 1590
Outer Dimensions L x B x H, mm	500 x 655 x 1477	583 x 710 x 1840	583 x 710 x 2050	720 x 710 x 2053	1132 x 765 x 2100
No. of Trays	3	4	5	5	10

ECONOMIC Features:

Fixed/Removable shelves. Cam type latch to provide one handed operation and to ensure secure door closure. Tools free filter access. One year comprehensive warranty.

PREMIUM Features:

The Hot air oven **PREMIUM** provides reliable and precise temperature for storing whole Products. Hot air oven **PREMIUM** stores up to 1000 Litter volume. It is made in a exclusive stainless steel cabinet. Among many useful features the Hot air oven **PREMIUM** is equipped with an ergonomic full -door handle, integrated battery backup and energy saving LED lightning for clear viewing of stored Products

Specifications	ECONOMIC Features	PREMIUM Features
Temperature range	Ambient +5°C to +180°Cwith 1°C display resolution and increment.	Ambient +5°C to +180°Cwith 1°C display resolution and increment.
Insulation thickness	2 inch PUF insulation	3 inch PUF insulation
Cabinet material	Stainless steel SS304	Stainless steel SS304 / Outer SS304L
Outer material	Powder coated CRCA	Powder coated CRCA
Controller type	PID controller with set & process value display	Microprocessor PLC based controller with HMI set & process value display data logging function.
Temp. sensor	RTD type PT100 sensor	RTD type PT100 A class sensor
Temp. deviation alarm	Set value +/- 2°C	Set value +/- 0.5°C
Evaporator	Fin and tube type forced convection	Fin and tube type forced convection
Communication	-	RS485 Interface available
Defrost	-	Auto defrosting function
Drawers	Trays only SS304	SS 304L ball bearing standard type
Drawers load capacity	Maximum 10 Kg per tray (Hot air oven125model)	Maximum 20Kgs per tray (Hot air oven200 model)
Alarm function	Temperature deviations only, Door open, only	Door open, Temperature deviation, power failure, Probe failure, defrosting
Data logging	-	yes

****Note ;** Optional future**

**Chart Recorder : 7 Days circular chart recorder:
Remote alarm function, Printout function**



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Q VARY Products

Chambers

- ⇒ Temperature Chambers (T)
- ⇒ Humidity Chambers (T & RH)
- ⇒ Stability Chambers
- ⇒ Walk In Chambers
- ⇒ Cold Rooms
- ⇒ Freezer Rooms
- ⇒ Cyclic Chambers
- ⇒ Growth Chambers

Chillers

- ⇒ Air Cooled Chillers
- ⇒ Water Cooled Chillers
- ⇒ Process Chillers

Incubators & Ovens

- ⇒ Incubator s
- ⇒ Cooling Incubators (Hot air oven)
- ⇒ Hot Air Ovens
- ⇒ Vacuum Ovens

Freezers

- ⇒ Ultra Low Temperature Freezers (-80⁰ C)
- ⇒ Blood Component Freezers (-80⁰ C)
- ⇒ Deep Freezers & Plasma Freezers (-40⁰ C)
- ⇒ Low Temperature Freezers (-20⁰ C)
- ⇒ Glycol Freezers
- ⇒ Blast Freezers
- ⇒ Spot Freezers

Refrigerators

- ⇒ Lab Refrigerators
- ⇒ Blood Bag Refrigerators
- ⇒ Glycol Refrigerators

Ice Makers

- ⇒ Ice Cubes Makers
- ⇒ Ice Flakes Makers

Freeze Dryers

- ⇒ Lyophilizes

Medical



Research



Blood Banks



Industries



Institutes





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