



Khodiyar Industries
Signature of Ovens

All Type of Industrial Ovens Temperature Range 0°C to 800° C
& Furnace upto 1400 Deg cent



Manufactures / Designer & Engineers

Specialist in : High Temperature Oven /
Conveyorised Oven / Electrode Drying Oven

Factory Address :

📍 4, Near Vishwakarma Spring works, Ramosana, Unjha Highway Road,
Mehsana – 384002. | **GST No. :** 24ACPPP2239K2Z8

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📍 Khodiyar Industries



OUR PRODUCT

Khodiyar Industries of Companies is promoted by team of qualified professionals who are highly experienced in the field of Manufacturers, Traders, Exporters & Heating Solutions.



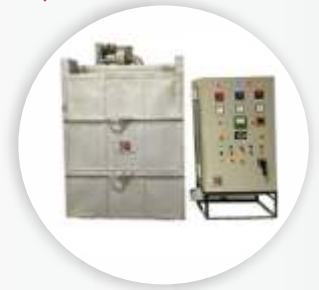
Industrial Oven



Tray Dryer



Electrode Drying Oven



High Temperature Furnace



Conveyorised Oven



Painting Booth



Furnace



Vacuum Oven



Laboratory Oven



Powder Recovery Booth



Control Panel

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CONVEYORISED OVEN



GENERAL SPECIFICATIONS

Khodiyar:

Industries Design and Manufactured Tunnel Ovens for all types of process Conveyorised Oven from 50 to 700 Deg.Cent.

STANDARD FEATURES :

- Mild Steel / Stainless Steel / Ceramic interior depending on working temperature
- Heavy duty variable speed drive with A.C. & D.C. Motor with VFD.
- Suitable Guiding Roller for Conveyor
- Adjustable opening at loading and unloading zone
- Multiple Heat Zones
- Extended loading and unloading zone
- Extended Cooling Zone for Fast Cooling (if required)

Teflon Coating	Paint Baking
Powder Coating	PCB Drying
Chemical Powder Drying	Varnish Baking
Electroplating	P.V.C. Coating
Barrel / Drum Drying	Bakery Oven
Glass Annealing	Dehydration
Yarn Drying	Sintering Oven

HIGH TEMPERATURE OVEN & FURNACE



Khodiyar:

Offers a versatile selection of Small, Medium & Large Chamber Box Furnaces suitable for a variety of Industrial and Laboratory applications. Advance engineering and specialized Construction techniques include variable density insulation, double shell cabinets, long-life Heating elements and vertical, horizontal side Swing doors.

STANDARD FEATURES:

- Controlled heat-up rate eliminates thermal shock to material
- Quick heat up & cool up rate
- Energy efficient Ceramic Wool & Ceramic Board with fully embedded heating element
- Unique double-wall construction minimizes external surface temperatures
- Side-hinge door for convenient operation and full chambers access
- Long life type "K" type thermocouple
- Safety door switch to interrupt power to heating element when door is opened protects heating elements
- Microprocessor based 16 segment PID Controller

APPLICATIONS: Heat Treating, Ceramic Tiles Decoration, Annealing Tempering, Hardening, Melting, Fusing, Bonding.

MUFFLE FURNANCES:

INNER SIZE			RATING
L	W	H	
9"	4"	4"	1.5 KW
10"	5"	5"	2.0 KW
12"	6"	6"	3.0 KW
18"	9"	9"	6.0 KW

INNER SIZE			RATING
L	W	H	
12"	12"	12"	9 KW
18"	18"	18"	12 KW
24"	24"	24"	15 KW
36"	24"	24"	18 KW
36"	36"	36"	27 KW
48"	36"	36"	36 KW

ELECTRODE DRYING OVEN



GENERAL SPECIFICATIONS

MANUFACTURERS, TRADERS, EXPORTERS& HEATING SOLUTIONS

ELECTRODE OVEN	I	II	III	IV
Inner size				
Capacity	25 KG	50 KG	100 KG	200 KG
Nos. Shelves	5	8	12	16
Temp. Range	50 To 250 C	50 To 250 C	50 To 400 C	50 To 400 C
Rating	4 KW	9 KW	12 KW	18 KW
Volts	230 Volts	230 Volts	440 Volts	440 Volts
Type	Natural Convection	Natural Convection	Natural Convection	Natural Convection
Type Control	Digital	Digital	Digital	Digital

INDUSTRIAL OVENS

GENERAL SPECIFICATIONS

CONSTRUCTION : M.S.ANGLE FRAME

- 40 mm X 40 mm X 5 mm (Small Size)
 - 50 mm X 50 mm X 5 mm (Big Size)
 - 18 Swg. for Temp. up to 250 Deg.c
 - 16 Swg. for Temp. up to 450 Deg.c
- The inside can be in S.S. 304 / S.S. 316 / S.S 310



TEMPERATURE RANGES :

50 TO 750 Deg. Cent

DOOR: Single door or two door is provided suitable to inner working space. Doors are fixed on heavy duty hinges and provided with a latch arrangement. A hand / mechanically operated vertical lifting type door can be provided.

INSULATION: Mineral Wool / Ceramic Blanket / Ceramic Wool insulation is provided according to working temperature.

HEATING: The oven is heated electrically by specially designed S.S.Tubular/ Fin type / Nicrome 80 /20 Wire / Refractory type heater with a large surface area to prevent burn out. The heaters are rewire able type and are accessible for service, inspection and replacement from outside the oven. The oven also be heated by passing steam or thermic fluid or hot water/oil through specially designed coil made from continuous finned tubes. The oven can also be heated by LPG / CNG.

AIR CIRCULATION: Forced air circulation inside the Oven is provided by one or more axial flow or centrifugal blower fans. Arrangement for recirculation, supply of fresh air and discharge of vapours is provided the air distribution system inside the Oven & designed to suit the application and the nature of product. We provide Cross flow, through flow, Vertical and Horizontal & Back flow systems.

TEMPERATURE CONTROLLER: Temperature inside the Oven is controlled by Thermostate or Digital Temp.controller or PID Controller with Thyristor Power Pack & Contactor Base Depending upon application.

ACCESSORIES: Strip Chart Recorder / Circular Chart Recorder / PLC Controller & Data Logger.

LOCKING: Ball catch type or Special locking arrangement depending upon application.

TRAYS / TROLLY: Trays and Trolley and other type of loading arrangement are provided to suit application.

PAINT: Inside heat resist Aluminium Silver paint & out side Any colour.

STANDARED MODELS

TEMPERATURE RANGES:

MODEL NO.	INNER SIZE			MODEL NO.	INNER SIZE		
	Height	Width	Depth		Height	Width	Depth
KI - 3	1.5'	1.5'	1.5'	KI - 64	4'	4'	4'
KI - 8	2'	2'	2'	KI - 96	6'	4'	4'
KI - 12	3'	2'	2'	KI - 125	5'	5'	5'
KI - 16	4'	2'	2'	KI - 150	6'	5'	5'
KI - 27	3'	3'	3'	KI - 216	6'	6'	6'
KI - 36	4'	3'	3'	KI - 252	7'	6'	6'
KI - 45	5'	3'	3'	KI - 343	7'	7'	7'

FLUX BAKING & DRYING OVEN

- Secure moisture-proof storage of flux.
- Rugged, steel construction.
- Flexibility in storage and temperature control.

FRONT LOADING FLUX DRYING OVENS

- With trays for handling and storage of flux.
- Suitable for treating different grades of flux simultaneously.
- Forced air circulation for temperature uniformity and faster drying



LABORATORY HOT PLATES

Rugged, steel construction with solid cast iron plate on top.

- Heaters are designed and distributed for uniform surface temperature.
- With capillary thermostat for accurate temperature control.
- Electrically operated on 230 VAC, Single Phase.



Technical Specifications (Round Model)			
Model Code	Size (dial)		Rating
HHPC - 8	20cm	8 inch	1 kW
HHPC - 12	30cm	12 inch	1.5 kW

Technical Specifications (Rectangular Model)			
Model Code	Size (L x B)		Rating
HHPC - 1012	25x30 cm	10 x 12 inch	1 kW
HHPC - 1218	30 x 45 cm	12 x 18 inch	1.5 kW





GENERAL SPECIFICATIONS

Khodiyar:

Tray Dryers are suitable for drying any type material like PVC Granule Plastic ABS & Nylon Powder Drying, Chemical Powder Drying & Food Industries The company is the largest manufacturer of Tray Dryers in the country today and leads its vast experience of two decades in Drying Technology to application in various process. Temp. Range: 150 C, 250 C, 450C.

SPECIFICATIONS

- Constructed of Structurally Reinforced 16 & 18 swg
- Adjustable Louvers for Balanced Air Flow , Build in Baffles Prevent Radiant Heat
- Adjustable Exhaust Air Intake , Excellent Temperature uniformity throughout work Chamber
- Explosion Venting Latches ,Static and Dynamic Blower Balancing
- Interiors protected with High Temperature heat resist Aluminium Paint
- Safety Temperature Controller to Protect Overshot Temperature
- Fast acting heating element for rapid heat up
- Extruded Asbestos Gasket on door to prevent heat loss
- Heating options are Electrically /Steam/Thermic Fluid

STANDARD MODELS

TEMPERATURE RANGES : 4, 5, 7, 12, 24, 48, 96, 192, 384 TRAY

MODEL NO.	NOS. OF TRAY	CAPACITY	INNER SIZE			MODEL NO.	NOS. OF TRAY	CAPACITY	INNER SIZE		
			Length	Width	Height				Length	Width	Height
KI /4	4	12 KG.	18"	15"	1.25"	KI /48	48	200 KG.	16"	32"	1.25"
KI /5	5	20 KG.	24"	21"	1.25"	KI /96	96	400 KG.	16"	32"	1.25"
KI /7	7	30 KG.	24"	21"	1.25"	KI /192	192	800 KG.	16"	32"	1.25"
KI /12	12	50 KG.	24"	21"	1.25"	KI /384	384	1600 KG.	16"	32"	1.25"
KI /24	24	100 KG.	16"	32"	1.25"						

VACCUM OVEN

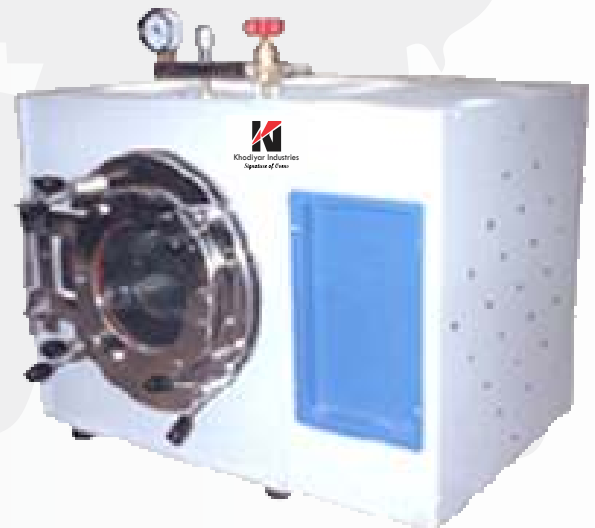
GENERAL SPECIFICATIONS

KHODIYAR : Industries

Vaccum Oven can be used for process drying under Vaccum or Standard Atmospheric Conditions. A vacuum type stop cock and Vacuum gauge are fitted on the top. Standard features are temperature up to 200 Deg.c. Digital / PID temperature controller, Vacuum Gauge Control and release Valve, Stainless Steel suspension type door closing mechanism, Radiant wall heating provides uniform temperature and total use of work space. Round view tempered safety glass window, Secure Latch Silicone Rubber Door Gasket provides tight seal.

APPLICATION : Chemical Drying, Laboratory Testing etc.

ROUND MODEL		
Dia	Depth	Rating
30"	18"	18"
225 MM	300 MM	1.00 KW
300 MM	375 MM	1.25 KW
375 MM	450 MM	1.50 KW
450 MM	600 MM	3.00 KW



RECTANGULAR MODEL (INNER WORKING SIZE)		
W	H	D
200 MM	200 MM	200 MM
200 MM	200 MM	300 MM
300 MM	300 MM	300 MM
300 MM	300 MM	450 MM
300 MM	450 MM	450 MM
350 MM	350 MM	500 MM
450 MM	600 Mm	450 MM
500 MM	750 MM	500 MM



GENERAL SPECIFICATIONS

STANDARD FEATURES:

- Adequate exhaust results in effective removal of overspray paint particles and thus eliminates, its settling on wet painted surface
- Provides clean air to the operator
- Improves product finish
- Optimum operator efficiency
- Paint savings
- Less maintenance

APPLICATION:

Air conditioners, Scooter, Cupboard, Cycle Parts, Motors, Fan, Hair Pins, Ball Pens, Automobile Parts, Control Panel, Non Stick Cookware, Plastic Parts.

	Width	Depth	Height	Width	Depth	Height	
KI MINI BOOTH	600	750	860	680	1200	2500	1.0 H.P.
KI STD. BOOTH	900	900	1160	980	1350	2500	2.0 H.P.
KI BENCH TYPE BOOTH	1500	1200	1160	1580	1950	3300	3.0 H.P.

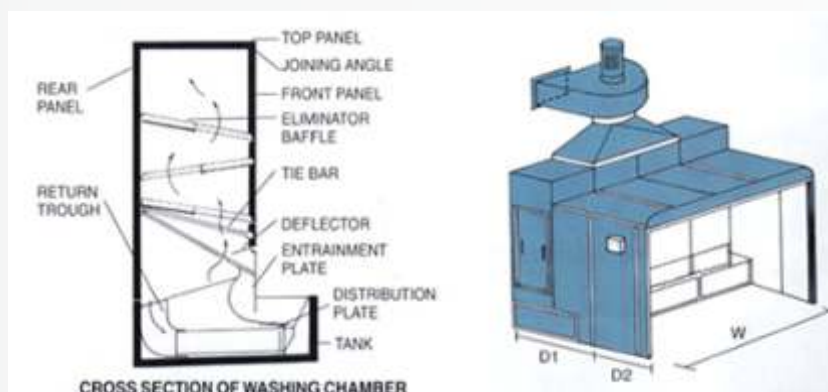
SPECIAL CONSTRUCTION FEATURE:

- Made from CRCA sheet & it is totally compact, folding construction which make site installation very easy.
- Door will be provided for maintenance
- Special corrosion coating on inner side of painting booth

ADVANTAGE:

- Reduces dust contamination.
- No paint pollution in operation area
- Increases production

MODEL	W	D1	D2	H	NO. OF FANS	MOTOR H.P.
KI-FD-1200	1200	1200	1200	1200	1	3
KI-FD-1500	1500	1200	1200	1200	1	5
KI-FD-2250	2250	1200	1200	1200	2	6
KI-FD-3000	3000	1200	1200	1200	2	10
KI-FD-3750	3750	1200	1200	1200	2	15
KI-FD-4500	4500	1200	1200	1200	3	15



MUFFLE FURNACES

- Heavy-duty steel exterior construction.
- Interior of ceramic muffle.
- Thick ceramic blanket insulation provides excellent protection from heat loss.
- Temperature range up to 950°C.
- Choice of digital On/Off or PID temperature control.
- Electrically operated on 230 VAC, Single Phase.



Technical Specifications

Model Code	Muffle Size (H x W x D)	Rating
KI - 4	10 x 10 x 23 cm	1.6 kW
KI - 5	13 x 13 x 25 cm	2.6 kW
KI - 6	15 x 15 x 30 cm	3.3 kW

WELDING ELECTRODE & FLUX DRYING OVENS

- Portable Electrode Drying Ovens
- Stationary Electrode Drying Ovens
- Front & Top Loading Flux Drying Ovens

Portable Electrode Drying Ovens

[READ DETAILS](#)

REMOVE MOISTURE, GET BETTER WELDS

Welding electrodes are vulnerable to atmospheric moisture. Bound moisture in electrodes yields porous welds.

If the electrodes used for welding contain traces of moisture, the water decomposes in the heat of the arc and the liberated hydrogen enters the lattice of the material, causing hydrogen embrittlement.

[READ DETAILS](#)



Clientele



- INDIAN AIRLINES LTD.
- MAHINDRA & MAHINDRA LTD.
- ICI INDIA LTD.
- CAMLIN LIMITED
- EWAC ALLOYS LTD.
- MAHINDRA & MAHINDRA LTD.
- DGP WINDSON LTD.
- GODREJ & BOYCE MFG. CO. LTD.
- BIRLA RESEARCH INSTITUE
- RELINCE INDUSTRIES LTD.
- RAVLON PEN COMPANY LTD.
- CELLO PENS PVT. LTD.
- SHETON LTD.
- LML LTD.
- KAIZEN PLASTO MOULD PVT. LTD.
- GNFC LTD.
- ASEA LTD.
- THERMAX DEVILBISS LTD.
- GODREJ SOAPS LIMITED
- CRYSTAL WIRE PRODUCT
- STEEL CAST LIMITED

- CROMPTON GREAVES LTD.
- INGERSOLLRAND (INDIA) LTD.
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- THERMAX LAB INDUSTRIES
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- CMC COMMUTATOR PVT. LTD.
- ROSEMOUNT (INDIA) LTD.
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- THE ASSOCIATED CEMENT COS. LTD.
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- NESTLE INDIA LIMITED
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- GODREJ & BOYCE MFG. CO. LTD.
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- INDO WOOSUNG VACCUMA PVT. LTD.
- GE APAR LIGHTING PVT. LTD.
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- SANTOGEN SILK MILL LTD.