

EHT SERIES FORCED AIR CIRCULATION OVEN

HIGH TEMPERATURE OVENS - SIDE DOOR · STURDY DESIGN · BRICK INSULATION (23/26)

High Quality 24/7 Continuous-T° High temperature ovens · From 50°C to 500°C

STANDARD FEATURES

- CE manufactured
- Maximum operating temperature:
From 50°C to 500°C
- Compact and lightweight
- 24/7 continuous work capability
- 2 heating zones with Stainless Steel heating elements
- Low thermal mass insulation
- Built with low density ceramic bricks and ceramic fiber
- Double insulation includes air chamber
- Outer case in painted metal sheet (inox optional)
- 2 Shelves
- Asynchronous Engine / Radial-Bladed fan
- Inner chamber and Door A-304 Stainless Steel
- Spare parts easily replaceable by end user
- According norm: EN-61010 and DIN-50011

FURNACE CONTROLS

- Lower front / side control panel
- Solid state relay
- General safety switch
- General safety contactor
- **1 Program / 8 segments programmer**
 - PID parameters
 - Non-volatile memory
 - Microprocessor-based temperature controls
 - Alarm

CONTROL OPTIONS

- 4 program / 15 segments programmer
- Programmers up to 64 segments
- Data logger and programmer communication by Ethernet/ RS232

SAFETY SHUT-OFF

- Thermocouple break shut-off
- Turns off upon door opening

ACCESSORIES

- Interchangeable temperature-uniform trays with rim
- Incoloy stainless steel tray
- Safety alarm Class II. Over-temperature protection
- Inlet gas entry
- Flow meter box
- and more, ask for our full assortment



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CHARACTERISTICS

- Reinforced construction, metal case with chrome-phosphatizing base protection and external finish with heat-resistant metal paint.
- Refractory parts engineered to resist extreme temperature changes, and specific ceramic paste types applied according to temperature and work fatigue of each part.
- Heat resistance in refractory insulation of very low thermal conductivity coefficient.
- Pantograph side door allows for a complete clear opening, protecting workers from ceramic block heat radiation. Pressure-adjusted door system, allowing for complete sealing. Half-opened door mode for a quick smoke evacuation. Electrically and thermally isolated door handle.

SPECIFICATIONS

Fully customized solutions by request
We reserve the right to change technical specifications

Code	Reference	Inner dimensions mm			Outer dimensions mm			Volume Liters	Power Kw	Voltage V	Maximum Temperature ° C	Maximum Temperature ° C on work limited	Maximum Temperature ° C Continuous	Net Weight Kgr	Termo- couple	Control Type	Heating Elements
		H	W	D	H	W	D										
870009105	EHT-1	450	450	450	850	750	1000	91	6	220 III 380 III	500	450	400	110	K	Digital	Stainless steel
870016505	EHT-2	550	550	550	950	850	1100	165	8	220 III 380 III	500	450	400	150	K	Digital	Stainless steel
870027505	EHT-3	650	650	650	1050	950	1200	275	10	220 III 380 III	500	450	400	200	K	Digital	Stainless steel
870032005	EHT-4	650	750	650	1050	1050	1200	320	12	220 III 380 III	500	450	400	250	K	Digital	Stainless steel
870042105	EHT-5	750	750	750	1050	1050	1400	421	14	220 III 380 III	500	450	400	300	K	Digital	Stainless steel

