HCV AC6, AC8 AND AC10 SERIES

FORCED AIR CIRCULATION FURNACES - SIDE DOOR · STURDY DESIGN · BRICK INSULATION (23/26) INOX CHAMBER

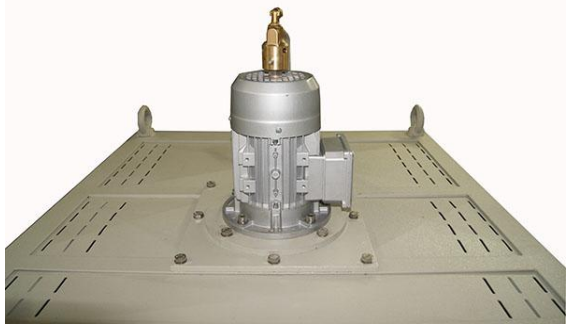
High Quality 24/7 Continuous-T°, Temperatures 600°C, 800°C and 1000°C

STANDARD FEATURES

- CE manufactured
- Maximum operating temperature: 600°C, 800°C and 1000°C
- Compact and lightweight
- 24/7 continuous work capability
- 3 heating zones embede in a ceramic tube Kanthal AF 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)
- Rear ventilation via ceramic chimney
- Asychronous Engine refrigerated by water
- Radial-Bladed fan
- Inner chamber A-310 Stainless Steel
- Spare parts easily replaceable by end user
- Acording norm: EN-61010 and DIN-50011
- Spare parts easily replaceable by end user

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
- 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

	Inner dimensions			Outer dimensions			Volume L	Power Kw	Voltage V	Max. Temp °C	Max. Temp limited work °C	Max. Temp Continous work °C	Thermo couple	Control Type	Heating elements	Heating zones
	H	w	D	H	W	D										
HCV64AC6	350	350	350	1800+400	800+300	1000	45	18	380v III	600	600	600	K	Ramp. Prog	Kanthal Wire	5
HCV125AC6	450	450	450	1900+400	1000+300	1100	91	18	380v III	600	600	600	K	Ramp. Prog	Kanthal Wire	5
HCV216AC6	550	550	550	1900+400	1100+300	1250	160	20	380v III	600	600	600	K	Ramp. Prog	Kanthal Wire	5
HCV290AC6	550	550	750	1900+400	1200+300	1500	226	25	380v III	600	600	600	K	Ramp. Prog	Kanthal Wire	5

	Inner dimensions			Outer dimensions			Volume L	Power Kw	Voltage V	Max. Temp °C	Max. Temp limited work °C	Max. Temp Continous work °C	Thermo couple	Control Type	Heating elements	Heating zones
	H	w	D	H	W	D										
HCV64AC8	350	350	350	1800+400	800+300	1000	45	18	380v III	800	800	800	K	Ramp. Prog	Kanthal Wire	5
HCV125AC8	450	450	450	1900+400	1000+300	1100	91	18	380v III	800	800	800	K	Ramp. Prog	Kanthal Wire	5
HCV216AC8	550	550	550	1900+400	1100+300	1250	160	20	380v III	800	800	800	K	Ramp. Prog	Kanthal Wire	5
HCV290AC8	550	550	750	1900+400	1200+300	1500	226	25	380v III	800	800	800	K	Ramp. Prog	Kanthal Wire	5

	Inner dimensions(mm)			Outer dimensions (mm)			Volume L	Power Kw	Voltage V	Max. Temp °C	Max. Temp limited work °C	Max. Temp Continous work °C	Thermo couple	Control Type	Heating elements	Heating zones
	H	w	D	H	W	D										
HCV64AC10	350	350	350	1800+400	800+300	1000	45	18	380v III	1000	1000	1000	K	Ramp. Prog	Kanthal Wire	5
HCV125AC10	450	450	450	1900+400	1000+300	1100	91	18	380v III	1000	1000	800	K	Ramp. Prog	Kanthal Wire	5
HCV216AC10	550	550	550	1900+400	1100+300	1250	160	20	380v III	1000	1000	800	K	Ramp. Prog	Kanthal Wire	5
HCV290AC10	550	550	750	1900+400	1200+300	1500	226	25	380v III	1000	1000	800	K	Ramp. Prog	Kanthal Wire	5