

FCN-10 M



FC-350 h

DESCRIPTION

They are electric kilns used in thermal processes in metallurgical, chemical, dental and ceramic laboratories. They are designed to obtain the best compromise between heating speed and the operating life of both the resistors and the thermal insulation.

- The structure is made of steel painted with epoxy paints and is compact.
- **The thermal insulation in the first wall is made of low-density refractory bricks.**
- The heating part is made up of resistors made with spring-shaped Khantal type wire¹. Depending on the model, the heating elements can be arranged differently to ensure the best temperature uniformity inside the chamber.
- There is a chimney for the escape of any gases that may form during the cooking phases.²
- Depending on the model, there is a manual shutter located in the kiln base.³

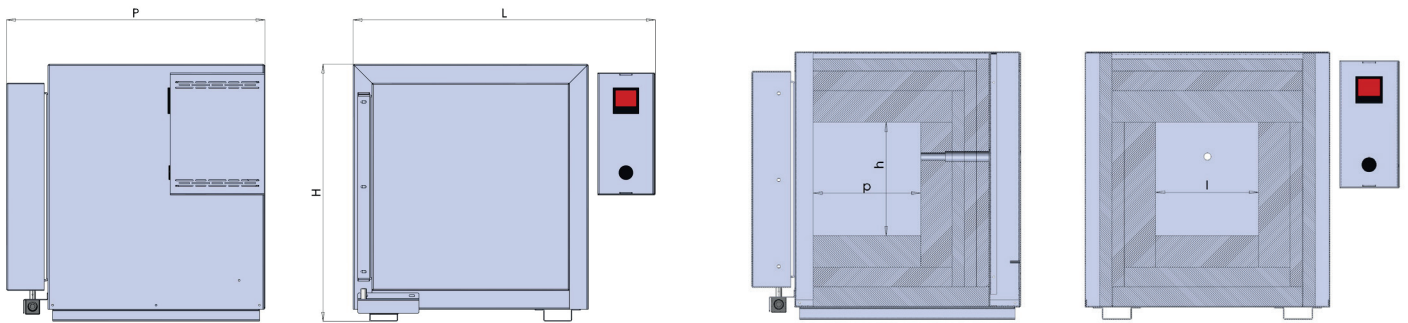


CONTROL UNIT

The temperature and cooking cycle control is entrusted to a microprocessor programmer with which it is possible to configure and store a maximum of 15 programs, each consisting of a maximum of 15 ramps.



¹ depending on the oven model, they can be mounted directly in the channels created in the side walls of the internal chamber or on spark plugs
² depending on the kiln model, it can be found at the back or in the upper part (manually operated)
³ useful for faster cooling (only available from the 150 Lt model onwards)



BRICK TABLE MODELS

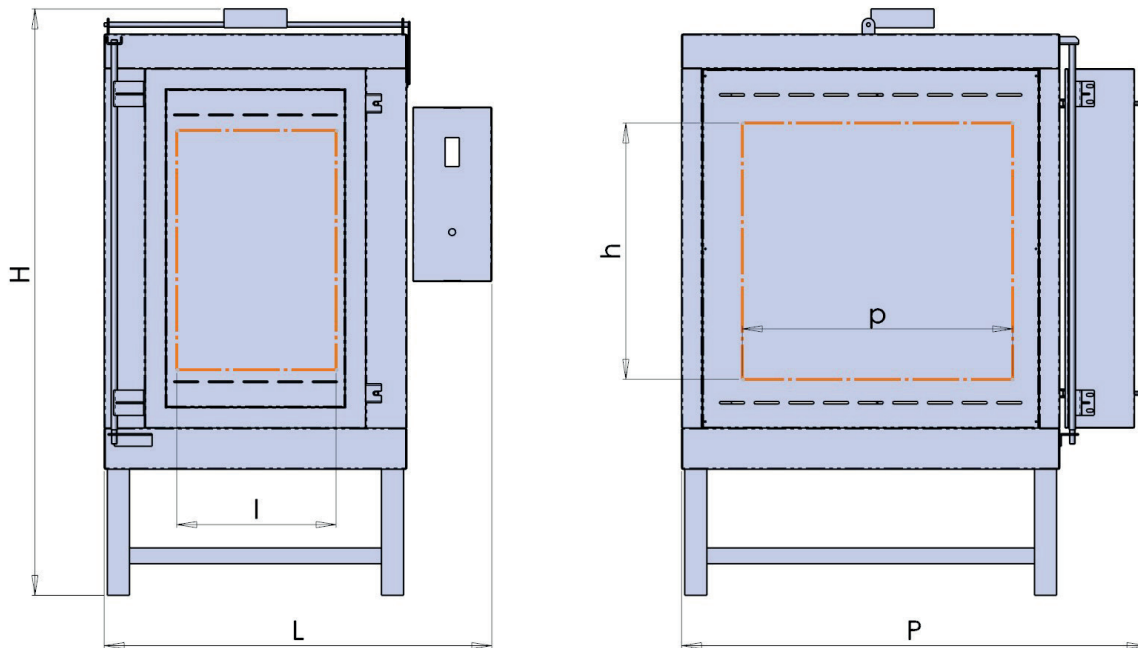
The resistances have a distribution that varies depending on the size of the chamber

THE MAXIMUM RECOMMENDED DURATION AT THE SET TEMPERATURE, ABOVE 1000°C, IS 60 MINUTES

TECHNICAL FEATURES										
Mod.	Temp. max °C	Internal dimensions [mm]			External dimensions [mm]			Power kW	V + T	Litres
		Width [l]	Depth [p]	Height [h]	Width [L]	Depth [P]	Height [H]			
FCN-90 M	1100	440	500	400	880	880	830	8	400	90
FCN-100 M		400	400	600	840	780	1030	10	400	100

TECHNICAL FEATURES										
Mod.	Temp. max °C	Internal dimensions [mm]			External dimensions [mm]			Power kW	V + T	Litres
		Width [l]	Depth [p]	Height [h]	Width [L]	Depth [P]	Height [H]			
FCN-10-P-M	1300	210	220	220	650	600	550	2,8	230	10
FCN-30-P-M		300	300	350	740	680	680	3,6	230	30
FCN-50-P-M		350	350	420	790	730	750	6	400	50
FCN-70-P-M		400	400	450	840	780	780	7	400	70
FCN-90-P-M		440	500	400	880	880	830	10	400	90
FCN-100-P-M		400	400	600	840	780	1030	12	400	100

(all data are not binding, the manufacturer reserves the right to modify them)



THE MAXIMUM RECOMMENDED DURATION AT THE SET TEMPERATURE, ABOVE 1000°C, IS 60 MINUTES

BRICK FLOOR MODELS

The resistances have a distribution that varies depending on the size of the chamber

TECHNICAL FEATURES										
Mod.	Temp. max °C	Internal dimensions [mm]			External dimensions [mm]			Power kW	V+T + N	Litres
		Width [l]	Depth [p]	Height [h]	Width [L]	Depth [P]	Height [H]			
FCN-150 M	1100	500	500	600	1300	1050	1900	12	400	150
FCN-250 M		500	700	750	1450	1600	1900	12		250
FCN-300 M		600	600	850	1550	1500	1900	14		300
FCN-350 M		500	800	900	1450	1700	1900	18		350
FCN-500 M		600	900	950	1550	1800	1950	27		500
FCN-750 M		800	1000	950	1750	1900	1950	30		750
FCN-1000 M		800	1200	1050	1750	2000	2050	38		1000
FCN-150-P M	1300	500	500	600	1300	1050	1900	13,5	400	150
FCN-250-P M		500	700	750	1450	1600	1900	13,5		250
FCN-300-P M		600	600	850	1550	1500	1900	18		300
FCN-350-P M		500	800	900	1450	1700	1900	21		350
FCN-500-P M		600	900	950	1550	1800	1950	30		500
FCN-750-P M		800	1000	950	1750	1900	1950	38		750
FCN-1000-P M		800	1200	1050	1750	2000	2050	42		1000

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