

Chamber Kilns, heated from 2 Sides



N 40 E
as table-top device



N 60 E
with base (optional)

N 40 E - N 100 E

These chamber furnaces impress with their attractive price, appealing design and their excellent craftsmanship. The models N 40 E - N 100 E are ideally suitable for decorating porcelain and glass as well as pottery and fusing applications.

- Tmax 1200 °C or 1300 °C
- Table-top mounting (Optional base available)
- Heating from both sides with high-quality heating elements, protected in grooves
- Long-lasting, heavy-gauge heating elements
- Solid-state power control relays for silent operation
- Fast power switching for precise temperature distribution
- Long life Platinum-Rhodium Type "S" thermocouple standard
- Double-walled door with low outside temperatures
- Multi-layered lining with light weight insulation bricks and microporus insulation for a cooler shell and low power consumption
- Robust, rust resistant, low-maintenance stainless steel housing
- Infinitely adjustable air inlet opening in the kiln door for improved ventilation and reduced cooling time
- Air outlet in the ceiling
- For control system see page 42

Model	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Supply power/kW	Electrical connections*	Weight in kg
		w	d	h		W	D	H			
N 40 E	1300	360	400	320	40	560	690	570	2,9	1-phase	70
N 60 LE	1200	360	400	440	60	560	690	690	2,9	1-phase	90
N 60 E	1300	360	400	440	60	560	690	690	3,6	1-phase	90
N 100 E	1300	360	610	440	100	560	1035	690	5,5	3-phase	115

*Please see page 42 for more information about mains voltage

Top Loaders, square, heated from 5 Sides



HO 300

Top loaders HO 70/L - HO 300

The square top loaders from Nabertherm are extremely rugged. Heated from four walls and the floor with the elements protected in grooves.

- Heating from all sides and bottom, elements embedded in grooves for protection
- Long-lasting, heavy-gauge heating elements
- Solid-state power control relays for silent operation
- Fast power switching for precise temperature distribution
- Long life Platinum-Rhodium Type "S" thermocouple standard
- Lid safety switch shuts down power to the elements when the lid is opened
- Multi-layer lining with light weight insulation bricks and microporus insulation for a cooler shell and low power consumption
- Chamfered brick edges minimize kiln dirt contamination
- Robust, rust resistant, low-maintenance stainless steel housing
- Lid with adjustable quick-release lock and padlock hasp
- Wear-resistant lid sealing (brick surface on both ends)
- Gas-spring supports for easy lid opening and closing
- Castors for easy transport of the kiln without raising, lockable (HO 70 - HO 100)
- Infinitely adjustable air inlet opening in the kiln bottom for improved ventilation and reduced cooling time.
- Air outlet on the side of the kiln with a bleed air collar, 80 mm diameter
- For control system see page 42



Firing chamber with heating from 5 sides

Model	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Supply power/kW	Electrical connections*	Weight in kg
		w	d	h		W	D	H			
HO 70/L	1200	440	380	420	70	640	770	780	3,6	1-phase	120
HO 70/R	1300	440	380	420	70	640	770	780	5,5	3-phase ¹	120
HO 100	1300	480	430	490	100	680	820	850	5,5	3-phase ¹	160
HO 300	1300	920	570	610	320	1440	1015	950	15,0	3-phase	430

¹ Only 2 phases are connected

*Please see page 42 for more information about mains voltage

Top-Loading Fusing Kilns with Lid Heating



F 30



F 220
with Two-Zone Regulation

F 30 - F 220

This well-priced kiln range is the ideal choice for many fusing applications. The insulation is made from lightweight refractory bricks with protected heating elements in the lid, models F 75 and F 220 have additional side heating.

- Tmax 950 °C
- Lid heating for direct radiation of goods
- Spring-loaded lid opening (F 75 - F 220)
- High quality heating elements, dimensioned for long service life
- Level setting surface made from lightweight refractory bricks
- Low-noise operation with solid-state relays
- Thermocouple optimally positioned for immediate temperature measurement
- Energy-saving insulation made from lightweight refractory bricks
- Housing cover made from structured stainless steel
- Lid with adjustable locks for easy handling
- Low wear & tear lid sealing (brick on brick construction)
- Higher chassis available as an option
- Manual-Zone-Regulation for F 220 (lid and sides)
- For control system see page 42



Kiln interior with circular lower side heating



F 110

Model	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Supply power/kW	Electrical connections*	Weight in kg
		w	d	h		W	D	H			
F 30	950	Ø 410		230	0,13	650	800	500	2,0	1-phase	50
F 75	950	750	520	230	0,33	950	880	680	5,5	3-phase	80
F 110	950	930	590	230	0,47	1120	950	680	7,5	3-phase	95
F 220	950	930	590	460	0,47	1120	950	910	15,0	3-phase	115

*Please see page 42 for more information about mains voltage