Fusing Furnaces with Fixed Table

GF 240

GF 75

GF 75 - GF 1425

The furnace models GF 75 - GF 1425 are particularly suitable for fusing of glass. Their special construction, with infrared heating elements mounted on the ceiling and light fiber insulation, ensures fast heat-up and cool-down rates and optimum fusing or slumping results. As protected infrared heating is used, any direct contact with the heating coils is avoided. The furnace can also be opened during operation without the heating turned off. Thus, temperature loss on the glass is minimized.

"Combing" in a GF 240

Exhaust air flop as additional equipment

- Tmax 950 °C
- Heating elements in quartz glass tubes provides for short heat-up times and energy saving operation
- Overhead heating for direct heat transfer to your ware
- Table with brick insulation
- Hood insulation with special ceramic fibers for rapid heating and cooling
- Semiconductor relay provides for low-noise operation
- Fast power switching for precise temperature uniformity
- Type “K” (NiCr-Ni) thermocouple inside the furnace chamber for precise temperature measurement
- Housing made of high-grade stainless steel and ventilated lid
- Attractive and professional design enhances your image
- Gas springs counterbalance the lid weight for easy opening and closing
- Adjustable quick-release locks to secure the hood during firing
- Large “cool-touch” handle for opening and closing the furnace
- Angled sight ports with plugs let you see the progress of your work and cool quickly
- Delivered ready for operation including base frame with swivel casters and storage shelf
- Other sizes or custom designs available on request
- Exhaust air flap on hood for rapid cooling as additional equipment
- Description of the control system see page 42

GF 1425

Model	Tmax	Inner dimensions in mm			Floor space	Outer dimensions in mm			Supply	Electrical	Weight
	°C	w	d	h	in m²	W	D	H³	power/kW	connection*	in kg
GF 75	950	500	500	350	0,25	850	950	1280	3,6	1-phase	70
GF 75 R	950	500	500	350	0,25	850	950	1280	5,5	3-phase¹	70
GF 190	950	1000	500	350	0,50	1350	850	1300	6,4	3-phase¹	165
GF 240	950	1000	800	350	0,80	1350	1090	1300	11,0	3-phase	260
GF 380	950	1200	1000	380	1,20	1650	1500	1400	15,0	3-phase	350
GF 420	950	1650	850	380	1,40	2100	1350	1400	18,0	3-phase	350
GF 520	950	1200	1150	380	1,38	1650	1650	1400	15,0	3-phase	450
GF 600	950	2000	1000	380	2,00	2450	1500	1400	22,0	3-phase	500
GF 920	950	2100	1150	380	2,41	2550	1650	1400	26,0	3-phase	670
GF 1050	950	2300	1200	380	2,76	2750	1700	1400	32,0	3-phase	780
GF 1425	950	2500	1500	380	3,75	2950	2000	1400	32,0	3-phase	920

¹Heating only beetween two phases
³Base included

*Please see page 42 for more information about supply voltage