

Плавильные печи с неподвижным столом GF

Технические характеристики

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Fusing Furnaces with Fixed Table

The fusing furnaces in the GF 75 - GF 1425 series are designed for professionals. Closely arranged heating elements protected in quartz glass tubes ensure very good temperature accuracy during fusing or bending on the complete area of the table. All models have an appealing, dual-shell stainless steel housing. The level table surface made from rugged, durable refractory material and the lid opening with gas pressure springs as support simplify charging of the furnace. The optimized electrical connected load ensures that the glass heats up quickly.

Standard Equipment

- Tmax 950 °C, GF 75: Tmax 900 °C
- Heating element, protected in quartz tubes
- High current connection capacities for short warm-up times and energy-saving way of working
- Arranged closely beside each other on the top, heating elements ensure direct and uniform radiation of the glass
- Dual shell hood made of stainless steel with slotted cover lid
- Controller integrated to save space on the right side of the furnace
- Level table surface with insulation made of robust lightweight refractory bricks and marked charge surface
- Top hat insulated with high-quality fiber material; exclusive use of insulation materials without categorization according to EC Regulation No 1272/2008 (CLP). This explicitly means that alumino silicate wool, also known as "refractory ceramic fiber" (RCF), which is classified and possibly carcinogenic, is not used.
- Adjustable, large quick-release fasteners - can be used while working in gloves
- Handles on the left and right side of the hood for opening and closing the furnace
- Hood safety switch
- Solid state relays provide for low-noise operation
- Rapid switching cycles result in precise temperature control
- Type K thermocouple
- Hood easy to open and close, supported by compressed-gas springs
- Lockable air inlet opening for ventilation, fast cooling and observation of charge
- Robust base on rollers (two of them can be locked down) with tray for glass and tools
- Comfortable charging height of 860 mm
- Controller with touch operation C540 (10 programs with each 20 segments), controls description see page 86

Additional Equipment

- Motorized lid opening for faster cooling for models GF 380 up
- Bottom heating for uniform through heating of large objects
- Cooling fan for accelerated cooling with closed lid
- Motorized exhaust air flap for faster cooling of the fusing furnace
- Air inlet flap with window for observing the glass



Fusing furnace GF 75



Fusing furnace GF 240



Fusing furnace GF 920

Model	Tmax °C	Inner dimensions in mm			Floor space in m ²	Outer dimensions ⁵ in mm			Heating power in kW ⁴	Electrical connection*	Weight in kg
		w	d	h		W	D	H ³			
GF 75	900	620	620	310	0.38	1170	950	1370	3.6	1-phase	180
GF 75 R	950	620	620	310	0.38	1170	950	1370	5.5	3-phase ¹	180
GF 190 LE	950	1010	620	400	0.62	1460	950	1460	6.0	1-phase ²	210
GF 190	950	1010	620	400	0.62	1460	950	1460	6.4	3-phase ¹	210
GF 240	950	1010	810	400	0.81	1460	1140	1460	11.0	3-phase	275
GF 380	950	1210	1100	400	1.33	1660	1460	1460	15.0	3-phase	450
GF 420	950	1660	950	400	1.57	2110	1310	1460	18.0	3-phase	500
GF 520	950	1210	1160	400	1.40	1660	1520	1460	15.0	3-phase	550
GF 600	950	2010	1010	400	2.03	2460	1370	1460	22.0	3-phase	600
GF 920	950	2110	1160	400	2.44	2560	1520	1460	26.0	3-phase	850
GF 1050	950	2310	1210	400	2.79	2760	1570	1460	32.0	3-phase	1050
GF 1425	950	2510	1510	400	3.79	2960	1870	1460	32.0	3-phase	1250

¹Heating only between two phases

²Fusing of 32 A if connected to 230 V

⁴Depending on furnace design connected load might be higher

*Please see page 86 for more information about supply voltage

³Base included

⁵External dimensions vary when furnace is equipped with additional equipment. Dimensions on request.



Exhaust air flap



Bottom heating for uniform through heating of large objects



Pneumatic lift door



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