

Glass Furnaces

PGLS Series



PGLS 07

PGLS series are within our standard products and used for glass fusion and pate de Verre furnaces. Custom made glass furnaces are made upon customer request.

Glass Fusion Furnaces are all top heated, to achieve maximum temperature homogeneity. Observation ports are available for the user to observe the stage of fusion and act accordingly.

Standard HLF series furnaces cover a range up to 1000°C/1832°F, and a volume of 500 liters.

All models have a stand frame on wheels for easy moving. Gas struts are installed to enable easy lid opening.

Custom made higher volumes include hydraulic lift mechanisms for easier usage.

System Features

- ✓ Upwards opening door
- ✓ Door safety switch
- ✓ Customized controller option
- ✓ High-quality fiber material
- ✓ High level temperature uniformity
- ✓ Electrical protection
- ✓ Top heating
- ✓ High quality heating elements and ceiling construction ensuring a long service life
- ✓ Dual skin housing for low external temperatures and high inner temperature stability
- ✓ Intuitive controller user interface
- ✓ System operation with solid-state-relays

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Volume (L)	Inner Dimensions (HxWxD) cm	Power (kW)	Phase
PGLS01	1000	950	100	40x50x50	8.0	1
PGLS02	1000	950	140	70x40x50	10.0	3
PGLS03	1000	950	180	90x40x50	10.0	3
PGLS04	1000	950	260	110x40x60	12.0	3
PGLS05	1000	950	340	120x40x70	15.0	3
PGLS06	1000	950	420	150x40x70	18.0	3
PGLS07	1000	950	480	200x40x60	18.0	3
PGLS08	1000	950	560	200x40x70	22.0	3

*For system accessories please check the accessory page for furnaces.

Optional Features

- ✓ Over-temperature limiter for thermal protection
- ✓ Option of hydraulic opening door
- ✓ Data logger with the software
- ✓ RS422/485 communication
- ✓ Bottom, lid or back side heating
- ✓ Observation port

*For your inquiries and questions please contact us

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