

## Elevator Furnaces ELV Series



**ELV 180/8**

ELV series are designed for bottom loading operations and for quick charging and discharging procedures in laboratories.

Available with brick and fiber insulation elements, with a wide variety of options, ELV series is used for glaze fritting, glass melting and applications requiring quick removal of products from the furnace.

Standard ELV series furnaces cover a range from 1100°C to 1800°C, all of which have dual skin housing for low external temperatures and high inner temperature stability uniformity.

Multi-layers of products could be fitted into the furnace, enabling the experimentation of several samples at a time.

Gas feed-in with this series is a standard and various applications of gas controlled atmospheres is made possible.

This series equip a galvanized coating covered epoxy painted structure, providing a longer life time and aesthetics.

### System Features

- ✓ Customized controller option
- ✓ High-quality fiber material
- ✓ Exceptional temperature uniformity
- ✓ Table top or self-standing design
- ✓ Hand fitted brick-on-brick seal
- ✓ High level temperature uniformity
- ✓ Short heating times
- ✓ High quality heating elements ensuring a long service life
- ✓ Electrical protection
- ✓ Precise, electric spindle drive with push button operation
- ✓ Working Temperatures of up to 1800 °C
- ✓ System operation with solid-state-relays
- ✓ Intuitive controller user interface

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Inner Volume (liters)	Inner Dimensions (HxWxD) cm	External Dimensions (HxWxD) cm	Power (kW)	Phase
<b>ELV 110/8</b>	1100°C	1050	7.5	20x18x21	122x63x81	2.0	1
<b>ELV 140/8</b>	1400°C	1350	7.4	18x18x23	122x63x81	4.9	3
<b>ELV 160/8</b>	1600°C	1550	8.0	20x20x20	190x62x77	5.2	3
<b>ELV 170/8</b>	1700°C	1650	8.0	20x20x20	190x62x77	7.2	3
<b>ELV 180/8</b>	1800°C	1750	8.0	20x20x20	190x62x77	7.8	3

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

### Optional Features

- ✓ Over-temperature limiter for thermal protection
- ✓ Exhaust air opening in the of the furnace roof
- ✓ Adjustable air inlet through the floor
- ✓ Data logger with the software
- ✓ RS422/485 communication
- ✓ Protective Gas System and Connection

\*For your inquiries and questions please contact us

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