

## Muffle Furnaces with Brick Insulation and Flap Door or Lift Door



LT 15/13



L 9/13

### L 5/13 - LT 15/13

Heating elements on support tubes radiating freely into the furnace chamber provide for particularly short heating times for these models. Thanks to their robust lightweight refractory brick insulation, they can reach a maximum working temperature of 1300 °C. These models thus represent an interesting alternative to the familiar L(T) 3/11 models, when you need particularly short heating times or a higher application temperature.

- Tmax 1300 °C
- Heating from two sides from heating elements
- Heating elements on support tubes ensure free heat radiation and a long service life
- Multi-layer insulation with robust lightweight refractory bricks in the furnace chamber
- Housing made of sheets of textured stainless steel
- Dual shell housing for low external temperatures and stability
- Optional flap door (L) which can be used as work platform or lift door (LT) with hot surface facing away from the operator
- Adjustable air inlet in the furnace door
- Exhaust air outlet in rear wall of furnace
- Solid state relays provide for low-noise operation
- Controls description see page 60



Furnace lining with high-quality lightweight refractory brick insulation

### Additional equipment

- Chimney, chimney with fan or catalytic converter
- Over-temperature limiter with adjustable cutout temperature for thermal protection class 2 in accordance with EN 60519-2 as temperature limiter to protect the furnace and load
- Protective gas connection to purge with non-flammable protective or reaction gases
- Manual or automatic gas supply system
- Please see page 12 for more accessories



Over-temperature limiter

Model	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Electrical connection*	Weight in kg	Minutes to Tmax <sup>2</sup>
		w	d	h		W	D	H				
L, LT 5/13	1300	200	170	130	5	440	470	520+220 <sup>1</sup>	2.4	1-phase	42	45
L, LT 9/13	1300	230	240	170	9	480	550	570+290 <sup>1</sup>	3.0	1-phase	60	50
L, LT 15/13	1300	230	340	170	15	480	650	570+290 <sup>1</sup>	3.5	1-phase	70	60

<sup>1</sup>Including opened lift door (LT models)

<sup>2</sup>If connected at 230 V 1/N/PE resp. 400 V 3/N/PE

\*Please see page 60 for more information about supply voltage