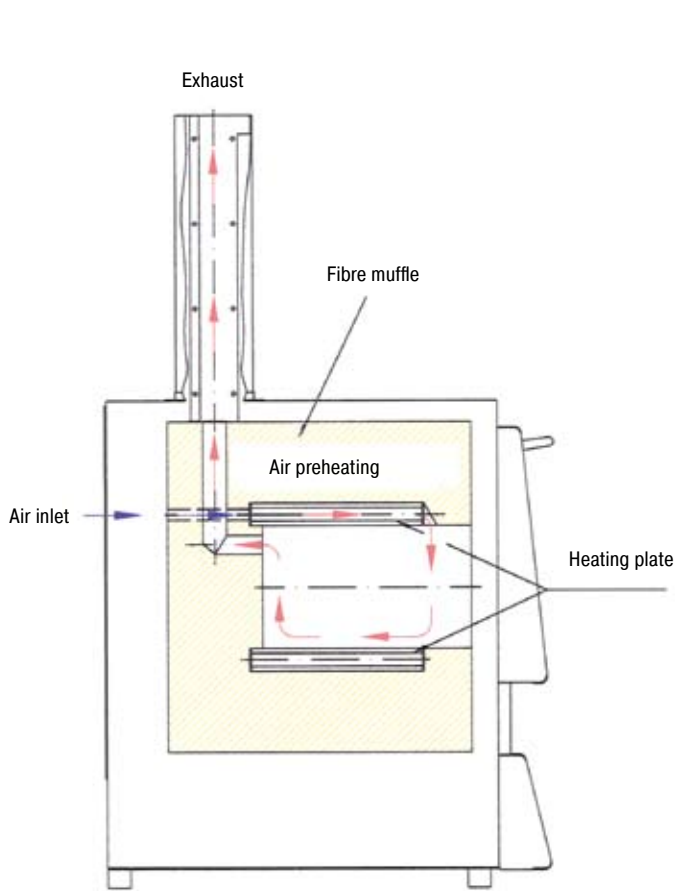


Ashing Furnaces LV 3/11 - LVT 15/11 with Flap Door or Lift Door



Air intake and exhaust flow principle



LV 3/11

LV 3/11 - LVT 15/11

The models LV 3/11 - LVT 15/11 are especially designed for ashing in the laboratory. A special air intake and exhaust system allows air exchange of more than 6 times per minute. Incoming air is preheated to ensure a good temperature uniformity.

- Tmax 1100 °C
- Heating from two sides by ceramic heating plates
- Ceramic heating plates with integral heating element which is safeguarded against fumes and splashing, and easy to replace
- Highly durable, high-performance cured vacuum fibre module lining
- Housing made of sheets of textured stainless steel (non-rusting design)
- Double-walled 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
- Solid state relays provide for lownoise operation
- Air exchange of more than 6 times per minute
- Good temperature uniformity due to preheating of incoming air
- Description of the control system see page 54



LVT 9/11



LVT 15/11

Additional equipment

- Over-temperature limit controller with manual reset for thermal protection class 2 in accordance with EN 60519-2 as temperature limiter to protect the oven and load
- Please see page 13 for more optional equipment



Over-temperature limit controller

Model Flap door	Tmax °C	Inner dimensions in mm			Volume in L	Outer dimensions in mm			Supply kW	Electrical connection*	Weight in kg	Minutes to Tmax
		w	d	h		W	D	H ¹				
LV 3/11	1100	160	140	100	3	380	370	750	1,2	single-phase	20	120
LV 5/11	1100	200	170	130	5	440	470	850	2,4	single-phase	35	120
LV 9/11	1100	230	240	170	9	480	550	900	3,0	single-phase	45	120
LV 15/11	1100	230	340	170	15	480	650	900	3,6	single-phase	55	120

Model Lift door	Tmax °C	Inner dimensions in mm			Volume in L	Outer dimensions in mm			Power kW	Electrical connection*	Weight in kg	Minutes to Tmax
		w	d	h		W	D	H ¹				
LVT 3/11	1100	160	140	100	3	380	370	750	1,2	single-phase	20	120
LVT 5/11	1100	200	170	130	5	440	470	850	2,4	single-phase	35	120
LVT 9/11	1100	230	240	170	9	480	550	900	3,0	single-phase	45	120
LVT15/11	1100	230	340	170	15	480	650	900	3,6	single-phase	55	120

¹Including exhaust tube (Ø 80 mm)

*Please see page 54 for more information on mains voltage