

**Note**

The documents included do not always contain the electrical schematics and pneumatic diagrams.

If you need the respective diagrams, they can be ordered from Nabertherm Service.

2 Specifications



Electrical specifications are on the type plate located on the side of the furnace.

Muffle Furnace

Model Flap door	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	H			
L 3/11	1100	160	140	100	3	385	330	405	1.2	20	60
L 5/11	1100	200	170	130	5	385	390	460	2.4	30	60
L 9/11	1100	230	240	170	9	415	455	515	3.0	35	75
L 15/11	1100	230	340	170	15	415	555	515	3.5	40	90
L 24/11	1100	280	340	250	24	490	555	580	4.5	55	95
L 40/11	1100	320	490	250	40	530	705	580	6.0	65	95
L 1/12	1200	90	115	110	1	290	280	430	1.5	10	25
L 3/12	1200	160	140	100	3	385	330	405	1.2	20	75
L 5/12	1200	200	170	130	5	385	390	460	2.4	30	75
L 9/12	1200	230	240	170	9	415	455	515	3.0	35	90
L 15/12	1200	230	340	170	15	415	555	515	3.5	40	105
L 24/12	1200	280	340	250	24	490	555	580	4.5	55	110
L 40/12	1200	320	490	250	40	530	705	580	6.0	65	110

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

Muffle Furnace

Model Lift door	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	H+Ha ¹			
LT 3/11	1100	160	140	100	3	385	330	405+155	1.2	20	60
LT 5/11	1100	200	170	130	5	385	390	460+205	2.4	30	60
LT 9/11	1100	230	240	170	9	415	455	515+240	3.0	35	75
LT 15/11	1100	230	340	170	15	415	555	515+240	3.5	40	90
LT 24/11	1100	280	340	250	24	490	555	580+320	4.5	55	95
LT 40/11	1100	320	490	250	40	530	705	580+320	6.0	65	95
LT 3/12	1200	160	140	100	3	385	330	405+155	1.2	20	75
LT 5/12	1200	200	170	130	5	385	390	460+205	2.4	30	75
LT 9/12	1200	230	240	170	9	415	455	515+240	3.0	35	90
LT 15/12	1200	230	340	170	15	415	555	515+240	3.5	40	105
LT 24/12	1200	280	340	250	24	490	555	580+320	4.5	55	110
LT 40/12	1200	320	490	250	40	530	705	580+320	6.0	65	110

¹ including opened lift door

² If connected to 230 V 1/N/PE resp. 400 V 3/N/PE

Muffle Furnaces with Brick Insulation and Flap Door or Lift Door

Model	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	H+Ha ¹			
L, LT 5/13	1300	200	170	130	5	490	450	580+320	2.4	42	45
L, LT 9/13	1300	230	240	170	9	530	525	630+350	3.0	60	50
L; LT 15/13	1300	260	340	170	15	530	625	630+350	3.5	70	60

¹ including opened lift door (LT models)
² If connected to 230 V 1/N/PE resp. 400 V 3/N/PE

Compact Muffle Furnace

Model Flap door	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	H			
LE 1/11	1100	90	115	110	1	290	280	406	1.5	10	10
LE 2/11	1100	110	180	110	2	330	385	406	1.8	10	25
LE 6/11	1100	170	200	170	6	390	434	466	1.8	18	35
LE 14/11	1100	220	300	220	14	440	534	516	2.9	25	40

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

Ashing Furnaces

Model Flap door	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	Hb ¹			
LV 3/11	1100	160	140	100	3	382	357	735	1.2	20	120
LV 5/11	1100	200	170	130	5	382	416	790	2.4	35	120
LV 9/11	1100	230	240	170	9	412	485	845	3.0	45	120
LV 15/11	1100	230	340	170	15	412	585	845	3.5	55	120

¹ Including exhaust tube (Ø 80 mm)
² If connected at 230 V 1/N/PE resp. 400 V 3/N/PE

Ashing Furnaces

Model Lift Door	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	Hb ¹			
LVT 3/11	1100	160	140	100	3	382	357	735	1,2	20	120
LVT 5/11	1100	200	170	130	5	382	416	790	2,4	35	120
LVT 9/11	1100	230	240	170	9	412	485	845	3,0	45	120
LVT 15/11	1100	230	340	170	15	412	585	845	3,5	55	120

¹ Including exhaust tube (Ø 80 mm)
² If connected at 230 V 1/N/PE resp. 400 V 3/N/PE

Muffle Furnace

Model Flap Door/ Lift Door	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	H+Ha ¹			
L 9/11/SKM	1100	230	240	170	9	490	505	580	3.0	50	90
LT 9/11/SKM	1100	230	240	170	9	490	505	580+320	3.0	50	90

¹ Including opened lift door
² If connected at 230 V 1/N/PE resp. 400 V 3/N/PE

Muffle Furnace

Model Flap Door/	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	H			
L 9/11/SW	1100	230	240	170	9	415	455	740	3.0	50	75
L 9/11/SW	1200	230	240	170	9	415	455	740	3.0	50	90

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

Muffle Furnace

Model Lift Door/	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Weight in kg	Minutes to Tmax ²
		w	d	h		W	D	H+Ha ¹			
LT 9/11/SW	1100	230	240	170	9	415	455	740+240	3.0	50	75
LT 9/11/SW	1200	230	240	170	9	415	455	740+240	3.0	50	90

¹ incl. opened lift door
² If connected at 230 V 1/N/PE resp. 400 V 3/N/PE

Scale

Type	Readability in g	Weight Range in g	Stamp Weight in g	Calibration Value in g	Minimum Load in g
EW-2200	0.01	2200 incl. plunger	850	0.1	0.5
EW-4200	0.01	4200 incl. plunger	850	0.1	0.5
EW-6200	0.01	6200 incl. plunger	850	-	1.0
EW-12000	0.10	12000 incl. plunger	850	1.0	5.0