Muffle Furnaces with Flap Door or Lift Door

L 5/11

- Tmax 1100 °C or 1200 °C
- Heating from two sides by ceramic heating plates (heating from three sides for muffle furnaces L 24/11 - LT 40/12)
- Ceramic heating plates with integral heating element which is safeguarded against fumes and splashing, and easy to replace
- Insulation made of non-classified fiber material
- Housing made of sheets of textured stainless steel
- Dual shell housing for low external temperatures and high 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 integrated in door (see illustration)
- Exhaust air outlet in rear wall of furnace
- Solid state relays provide for low-noise operation
- Defined application within the constraints of the operating instructions
- NTLog Basic for Nabertherm controller: recording of process data with USB-flash drive

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

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

Muffle Furnaces with Brick Insulation and Flap Door or Lift Door

LT 5/13

- Tmax 1300 °C
- Heating from two sides
- 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
- Defined application within the constraints of the operating instructions
- NTLog Basic for Nabertherm controller: recording of process data with USB-flash drive

Model	Tmax	Inner dimensions in mm			Volume	Outer dimensions in mm			Connected	Electrical	Weight	Minutes
	°C	w	d	h	in l	W	D	H	load kW	connection*	in kg	to Tmax[2]
L, LT 5/13	1300	200	170	130	5	490	450	560+320[1]	2.4	1-phase	42	45
L, LT 9/13	1300	230	240	170	9	530	525	630+350[1]	3.0	1-phase	60	50
L, LT 15/13	1300	260	340	170	15	530	625	630+350[1]	3.5	1-phase	70	60

[1]Including opened lift door (LT models) *Please see page 60 for more information about supply voltage
[2]If connected at 230 V 1/N/PE rsp. 400 V 3/N/PE

Muffle Furnaces with Embedded Heating Elements in the Ceramic Muffle

L 9/11/SKM

- Tmax 1100 °C
- Muffle heated from four sides
- Furnace chamber with embedded ceramic muffle, high resistance to aggressive gasses and vapours
- Housing made of sheets of textured stainless steel
- Optional flap door (L) which can be used as work platform or lift door (LT) with hot surface facing away from the operator
- Adjustable working air inlet in the door
- Exhaust air outlet in rear wall of furnace
- Solid state relays provide for lownoise operation
- Defined application within the constraints of the operating instructions
- NTLog Basic for Nabertherm controller: recording of process data with USB-flash drive

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

[1]Including opened lift door
[2]If connected at 230 V 1/N/PE rsp. 400 V 3/N/PE
*Please see page 60 for more information about supply voltage