

Muffle Furnaces with Flap Door or Lift Door, Nabertherm

Electrical heated muffle furnaces series L 1/12, L 3/11 – LT 40/12

- Tmax 1100°C or optional with 1200°C
- Heating from two sides by ceramic heating plates
- Heating from three sides with muffle furnaces L(T)24/11 – L(T)40/11
- Ceramic heating plates with integral heating element which is safeguarded against fumes and splashing, and easy to replace
- All the insulation material is classified as non-carcinogenic pursuant to TRGS 905, class 1 or 2
- Housing made of sheets of textured stainless steel
- Adjustable air inlet integrated in door and exhaust air outlet in rear wall of furnace
- Optional with flap door (L) or lift door (LT)
- R7 controller with adjustable holding temperature (L1/12)
- B410 controller with 5 programs each with 4 segments or optional C450 with 10 programs each with 20 segments

Options:

- Chimney, chimney with fan or catalytic converter (except L 1/12)
- Over-temperature limit controller with adjustable cutout temperature
- Protective gas connection
- Manual or automatic gas supply system

Type	Vers.	T _{max} °C	Inner dimensions W x D x H mm	Outer dimensions W x D x H mm	Vol. l	Con- nec. V/kW	Order No.
L 1/12	R7	1200	90x115x110	290x280x430	1	230/1.5	10 04 21101
L 3/11	B410	1100	160x140x100	385x330x405	3	230/1.2	10 04 21102
① L 5/11	B410	1100	200x170x130	385x390x460	5	230/2.4	10 04 21103
L 9/11	B410	1100	230x240x170	415x455x455	9	230/3.0	10 04 21104
L 15/11	B410	1100	230x340x170	415x555x515	15	230/3.5	10 04 21105
L 24/11	B410	1100	280x340x250	490x555x580	24	400/4.5	10 04 21106
L 40/11	B410	1100	320x490x250	530x705x580	40	400/6.0	10 04 21107
② LT 3/11	B410	1100	160x140x100	385x330x405	3	230/1.2	10 04 21121
LT 5/11	B410	1100	200x170x130	385x390x460	5	230/2.4	10 04 21122
LT 9/11	B410	1100	230x240x170	415x455x455	9	230/3.0	10 04 21123
LT 15/11	B410	1100	230x340x170	415x555x515	15	230/3.5	10 04 21124
LT 24/11	B410	1100	280x340x250	490x555x580	24	400/4.5	10 04 21125
LT 40/11	B410	1100	320x490x250	530x705x580	40	400/6.0	10 04 21126

Muffle furnaces basic models LE 1/11 – LE 14/11

- Tmax 1100°C, working temperature 1050°C
- Heating from two sides from heating elements in quartz glass tubes
- Maintenance-friendly replacement of heating elements and insulation
- All the insulation material is classified as non-carcinogenic pursuant to TRGS 905, class 1 or 2
- Housing made of sheets of textured stainless steel
- Flap door which can also be used as a work platform
- Exhaust air outlet in rear wall

Options:

- Chimney, chimney with fan or catalytic converter (except LE 1/11 and LE 2/11)

Type	Vers.	T _{max} °C	Inner dimensions W x D x H mm	Outer dimensions W x D x H mm	Vol. l	Con- nec. V/kW	Order No.
③ LE 1/11	R7	1100	90x115x110	290x280x430	1	230/1.5	10 04 21131
LE 2/11	R7	1100	110x180x110	330x385x430	2	230/1.8	10 04 21132
④ LE 6/11	R7	1100	170x200x170	390x435x490	6	230/1.8	10 04 21133
LE 14/11	R7	1100	220x300x220	440x535x520	14	230/2.9	10 04 21134

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