



Muffle furnace L 3/12



Muffle furnace L 3/11 with flap door

Model	Tmax in °C ¹	Inner dimensions in mm			Volume in l	Outer dimensions ² in mm			Temperature uniformity of +/- 5K in the empty workspace ⁵			Connected load in kW	Electrical connection*	Weight in kg	Heating time in min ⁴
		w	d	h		W	D	H ³	w	d	h				
L(T) 3/11	1100	160	140	100	3	385	330	405+155	110	50	50	1.2	1-phase	20	40
L(T) 5/11	1100	200	170	130	5	385	390	460+205	170	80	90	2.4	1-phase	30	50
L(T) 9/11	1100	230	240	170	9	415	455	515+240	180	150	120	3.0	1-phase	35	65
L(T) 15/11	1100	230	340	170	15	415	555	515+240	180	250	120	3.2	1-phase	40	75
L(T) 24/11	1100	280	340	250	24	490	555	580+320	230	250	200	4.5	3-phase	55	70
L(T) 40/11	1100	320	490	250	40	530	705	580+320	270	400	200	6.0	3-phase	65	75
L 1/12	1200	90	115	110	1	290	280	430	45	60	40	1.5	1-phase	10	25
L(T) 3/12	1200	160	140	100	3	385	330	405+155	110	50	50	1.2	1-phase	20	45
L(T) 5/12	1200	200	170	130	5	385	390	460+205	170	80	90	2.4	1-phase	30	60
L(T) 9/12	1200	230	240	170	9	415	455	515+240	180	150	120	3.0	1-phase	35	75
L(T) 15/12	1200	230	340	170	15	415	555	515+240	180	250	120	3.2	1-phase	40	85
L(T) 24/12	1200	280	340	250	24	490	555	580+320	230	250	200	4.5	3-phase	55	80
L(T) 40/12	1200	320	490	250	40	530	705	580+320	270	400	200	6.0	3-phase	65	85

¹Recommended working temperature for processes with longer dwell times is 1000 °C (L../11) resp. 1100 °C (L../12)

*Please see page 75 for more information about supply voltage

²External dimensions vary when furnace is equipped with additional equipment. Dimensions on request.

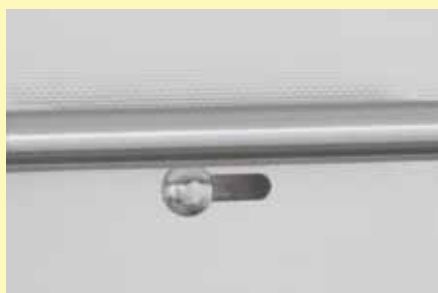
³Including opened lift door (LT models)

⁴Heating time of the empty and closed furnace up to Tmax - 100 K (connected to 230 V 1/N/PE resp. 400 V 3/N/PE)

⁵Temperature uniformity of +/- 5 K with closed fresh-air inlet in empty work space according to DIN 17052-1 at working temperatures above 800 °C see page 71



Chimney with fan



Adjustable air inlet integrated in the door



Gas supply system for non-flammable protective or reactive gas