Professional Furnaces: L 3/11 - LT 40/12 with Folding Door or Lift Door

L 9/11

L 5/12

L 3/11 - LT 40/12

Our L 3/11 - LT 40/12 series is the right choice for daily laboratory use. These models stand out for their excellent workmanship, advanced and attractive design, and high level of reliability. The furnaces come equipped with either a folding door or lift door at no extra charge.

- Tmax 1100 °C or 1200 °C
- Ceramic heating plates with integral heating element which is safeguarded against fumes and splashing, and easy to replace
- Highly durable cured vacuum fibre module lining
- Casing made of sheets of textured stainless steel (non-rusting design)
- Double-walled casing for low external temperatures and high stability
- Optional fold-down 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
- Silent solid-state power control relay
- Please see page 48 for a description of various controllers

Over-temperature limit controller

Additional Equipment

- Vent, vent with fan or catalytic converter
- Over-temperature limit controller with adjustable cutout temperature for thermal protection class 2 in accordance with EN 60519-2 as temperature limiter to protect the oven and load
- Protective gas connection on the rear wall of furnace
- Manual or automatic gas supply system
- Please see page 13 for more optional equipment

LT 15/12

LT 24/11

Model fold. door	Tmax °C	Inner dimensions in mm w	d	h	Volume in L	Outer dimensions in mm W	D	H	Power kW	Electrical connection*	Weight in kg	Minutes to Tmax
L 3/11	1100	160	140	100	3	380	370	420	1,2	single-phase	20	60
L 5/11	1100	200	170	130	5	440	470	520	2,4	single-phase	35	60
L 9/11	1100	230	240	170	9	480	550	570	3,0	single-phase	45	75
L 15/11	1100	230	340	170	15	480	650	570	3,6	single-phase	55	90
L 24/11	1100	280	340	250	24	560	660	650	4,5	3-phase	75	95
L 40/11	1100	320	490	250	40	600	790	650	6,0	3-phase	95	95
L 3/12	1200	160	140	100	3	380	370	420	1,2	single-phase	20	75
L 5/12	1200	200	170	130	5	440	470	520	2,4	single-phase	35	75
L 9/12	1200	230	240	170	9	480	550	570	3,0	single-phase	45	90
L 15/12	1200	230	340	170	15	480	650	570	3,6	single-phase	55	105
L 24/12	1200	280	340	250	24	560	660	650	4,5	3-phase	75	110
L 40/12	1200	320	490	250	40	600	790	650	6,0	3-phase	95	110

L 5/11 with gas supply system

Model Lift door	Tmax °C	Inner dimensions in mm w	d	h	Volume in L	Outer dimensions in mm W	D	H[1]	Power kW	Electrical connection*	Weight in kg	Minutes to Tmax
LT 3/11	1100	160	140	100	3	380	370	420+165	1,2	single-phase	20	60
LT 5/11	1100	200	170	130	5	440	470	520+220	2,4	single-phase	35	60
LT 9/11	1100	230	240	170	9	480	550	570+290	3,0	single-phase	45	75
LT 15/11	1100	230	340	170	15	480	650	570+290	3,6	single-phase	55	90
LT 24/11	1100	280	340	250	24	560	660	650+335	4,5	3-phase	75	95
LT 40/11	1100	320	490	250	40	600	790	650+335	6,0	3-phase	95	95
LT 3/12	1200	160	140	100	3	380	370	420+165	1,2	single-phase	20	75
LT 5/12	1200	200	170	130	5	440	470	520+220	2,4	single-phase	35	75
LT 9/12	1200	230	240	170	9	480	550	570+290	3,0	single-phase	45	90
LT 15/12	1200	230	340	170	15	480	650	570+290	3,6	single-phase	55	105
LT 24/12	1200	280	340	250	24	560	660	650+335	4,5	3-phase	75	110
LT 40/12	1200	320	490	250	40	600	790	650+335	6,0	3-phase	95	110

[1]Including opened lift door

*Please see page 48 for more information about mains voltage

Infinetely variable working air inlet sliding valve