

Exhaust Systems/Accessories



Article No.: 631000140

Exhaust Vent

Exhaust vent for collection and upstream direction of escaping gases



Article No.: 631000812

Chimney with Fan

Exhaust gases are better removed from the furnace and discharged. The B400 - P480 controllers can be used to activate the fan automatically (not for models L 1/12, LE 1/11, LE 2/11).*

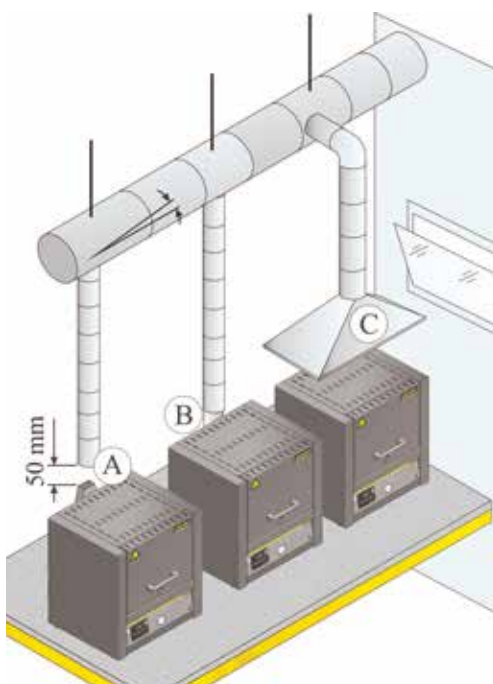


Article No.: 631000166

Catalytic Converter with Fan

Organic components are catalytically cleaned at about 600 °C, broken into carbon dioxide and water vapour. Irritating odors are thus largely eliminated. The B400 - P480 controllers can be used to switch the catalytic converter automatically (not for models L(T) 9/14, L(T) 15.., L 1/12, LE 1/11, LE 2/11).*

* Note: If other controller types are used an adapter cable for connection to mains supply has to be ordered separately. The device will be activated by plugging in the socket.



Various ways of removing the exhaust air

Exhaust Air Extraction

When exhaust gases are generated during the process it is mandatory to guide them outside in an adequate way. The relevant operating instructions must be always taken into consideration. When exhaust gas pipings are installed it is always necessary that a local ventilation technician lays out the system in accordance to the real environment.

There are different possibilities to guide the exhaust gases out. In many cases the furnace is positioned under a laboratory extraction provided by the customer. In these cases the use of an exhaust vent is recommended just to guide the gases upwards.

For this purpose metal exhaust gas pipes with NW 80 to NW 120 can be used. They must be installed continuously rising and fastened to the wall or ceiling. Center the pipe over the furnace vent (for models with vent fan or catalytic converter, NW 120 is necessary. The exhaust gas pipe must not be installed with a tight fit to the furnace vent pipe since this would prevent any bypass effect. This is necessary so that not too much fresh air is sucked in by the furnace. An exception are models LV(T) and L .. /11 BOs: Here the exhaust gas pipe NW 80 will be connected directly onto the furnace vent pipe.



Article No.:
699000279: saggars
110 x 75 x 30 mm
699000985: lid
110 x 75 x 5 mm



Article No.:
699001054: sintering dish
Ø 115 x 15 mm
699001055: spacer ring
Ø 115 x 20 mm

Square Saggars for Furnaces LHTC and LHT, Tmax 1600 °C

The load is placed in ceramic saggars for optimal utilization of the furnace space. Up to three saggars can be stacked on top of each other in the furnace. In models LHT 01/17 D and LHTCT 01/16 up to two saggars can be stacked. Each saggars has cut-outs for better ventilation. The top saggars should be closed with a lid made of ceramic.

Round Saggars (Ø 115 mm) for Furnaces LHT/LB, Tmax 1650 °C

These saggars are perfectly suited for furnaces LHT/LB. The load is placed in the saggars. Up to three saggars can be stacked on top of each other in order to use the overall furnace chamber.

Select between different bottom plates and collecting pans for protection of the furnace and easy loading (for models L, LT, LE, LV and LVT on pages 14 - 23).



Ceramic Ribbed Plate, Tmax 1200 °C



Ceramic Collecting Pan, Tmax 1300 °C



Stainless Steel Collecting Pan, Tmax 1100 °C

For models	Ceramic ribbed plate		Ceramic collecting pan		Stainless steel collecting pan (Material 1.4828)	
	Articel No.	Dimensions in mm	Articel No.	Dimensions in mm	Articel No.	Dimensions in mm
L 1, LE 1	691601835	110 x 90 x 12.7	-	-	691404623	85 x 100 x 20
LE 2	691601097	170 x 110 x 12.7	691601099	100 x 160 x 10	691402096	110 x 170 x 20
L 3, LT 3, LV 3, LVT 3	691600507	150 x 140 x 12.7	691600510	150 x 140 x 20	691400145	150 x 140 x 20
LE 6, L 5, LT 5, LV 5, LVT 5	691600508	190 x 170 x 12.7	691600511	190 x 170 x 20	691400146	190 x 170 x 20
L 9, LT 9, LV 9, LVT 9, N 7	691600509	240 x 220 x 12.7	691600512	240 x 220 x 20	691400147	240 x 220 x 20
LE 14	691601098	210 x 290 x 12.7	-	-	691402097	210 x 290 x 20
L 15, LT 15, LV 15, LVT 15, N 11	691600506	340 x 220 x 12.7	-	-	691400149	230 x 330 x 20
L 24, LT 24	691600874	340 x 270 x 12.7	-	-	691400626	270 x 340 x 20
L 40, LT 40	691600875	490 x 310 x 12.7	-	-	691400627	310 x 490 x 20



Article No.:
493000004

Gloves, Tmax 650 °C

For protection of the operator when loading or removing hot materials



Article No.:
491041101

Gloves, Tmax 700 °C

For protection of the operator when loading or removing hot materials



Article No.:
493000002 (300 mm)
493000003 (500 mm)

Charing Tongs

For easy loading and unloading of the furnace