

Thermal processing equipment for industries



SNOL

Customized for your hot innovations

1. Low-temperature electric ovens

1.1 Chamber ovens up to 750 °C

Our universal industrial electric furnaces / ovens with induced air circulation are designed by a group of professional engineers and made from high quality materials, such as heavy-duty metal parts and thermal insulation materials, which are manufactured in our factory. The air circulation ensures an even temperature distribution and achieves great uniformity. Fit with a selection of precise digital controllers and certified heating elements to ensure excellent temperature stability. The application variety ranges from electronic, plastic or metal to other branches of industry, with the possibilities to use this product line for aging, annealing, curing, normalising, primary heating, stress relieving and other thermal processes up to 750 °C. The combination of our knowledge and expertise leads to a high quality and long-lasting product with long-term stable efficiency, no matter the application.

Base model

- Equipped with non-programmable controller Omron E5CC
- Control panel on the left/right side (depending on customer needs)
- Adjustable air supply/extraction
- Ventilation motor on the top, vertical air flow
- Heating from 2 sides with tubular (U-shaped) heating elements
- Insulation made from rock wool
- Outside casing – metal sheet, powder painted grey (RAL 7035), frame – black
- Door opening to left/right side (depending on customer needs)
- Fitted with standard shelves, 2 pcs.
- Low power consumption
- Short heating/cooling time
- High level of accuracy
- Door safety switch
- OTP (over temperature protection), Omron K8 relay
- SSR relay
- 1 year warranty

Optional equipment

- Additional shelves
- Reinforced shelves
- Reinforced bottom
- Ventilation motor on the rear, horizontal air flow
- Automatic air vent control
- Digital timer
- Data recorder
- Data communication/USB
- Calibration and maintenance of temperature measurement system
- Stainless steel oven exterior
- Oven mounting platform
- Furnace mounting platform
- Additional 1 year warranty



Model	Vol., l	Inner dimensions, mm			Power, kW	Exterior dimensions, mm *		
		Width	Height	Depth		Width	Height	Depth
Up to 250 °C								
SNOL 125/250	125	500	500	500	4	1230	1430	1060
SNOL 250/250	250	500	1000	500	4	1230	1930	1060
SNOL 420/250	420	700	1000	600	6	1430	1930	1160
SNOL 500/250	500	700	1000	700	6	1430	1930	1260
SNOL 600/250	600	800	1000	800	8	1530	1930	1360
SNOL 700/250	700	800	1000	900	8	1710	1930	1610
SNOL 800/250	800	900	1000	900	12	1810	1930	1610
SNOL 970/250	970	900	1200	900	12	1810	2310	1610
SNOL 1000/250	1000	1000	1000	1000	16	1910	2110	1710
SNOL 1200/250	1200	1000	1200	1000	16	1910	2310	1710
SNOL 1500/250	1500	1000	1500	1000	18	1910	2610	1710
SNOL 2200/250	2200	1000	1500	1500	18	1910	2610	2210
SNOL 2500/250	2500	1000	1700	1500	24	1910	2810	2210
SNOL 3400/250	3400	1000	1700	2000	24	1910	2810	2710
SNOL 4000/250	4000	1200	1700	2000	30	2110	3010	2710
SNOL 4800/250	4800	1200	2000	2000	36	2110	3310	2710



* Overall dimensions can be adjusted
Note: Chamber dimensions can be adjusted subject to customer requirements when ordering

SNOL

Model	Vol., l	Inner dimensions, mm			Power, kW	Exterior dimensions, mm *		
		Width	Height	Depth		Width	Height	Depth
Up to 350 °C								
SNOL 125/350	125	500	500	500	6	1230	1430	1060
SNOL 250/350	250	500	1000	500	6	1230	1930	1060
SNOL 420/350	420	700	1000	600	8	1430	1930	1160
SNOL 500/350	500	700	1000	700	8	1430	1930	1260
SNOL 600/350	600	800	1000	800	10	1530	1930	1360
SNOL 700/350	700	800	1000	900	10	1710	1930	1610
SNOL 800/350	800	900	1000	900	14	1810	1930	1610
SNOL 970/350	970	900	1200	900	18	1810	2310	1610
SNOL 1000/350	1000	1000	1000	1000	18	1910	2110	1710
SNOL 1200/350	1200	1000	1200	1000	22	1910	2310	1710
SNOL 1500/350	1500	1000	1500	1000	22	1910	2610	1710
SNOL 2200/350	2200	1000	1500	1500	26	1910	2610	2210
SNOL 2500/350	2500	1000	1700	1500	26	1910	2810	2210
SNOL 3400/350	3400	1000	1700	2000	30	1910	2810	2710
SNOL 4000/350	4000	1200	1700	2000	30	2110	3010	2710
SNOL 4800/350	4800	1200	2000	2000	30	2110	3310	2710
Up to 450 °C								
SNOL 125/450	125	500	500	500	8	1230	1430	1060
SNOL 250/450	250	500	1000	500	10	1230	1930	1060
SNOL 420/450	420	700	1000	600	12	1430	1930	1160
SNOL 500/450	500	700	1000	700	12	1430	1930	1260
SNOL 600/450	600	800	1000	800	16	1530	1930	1360
SNOL 700/450	700	800	1000	900	18	1710	1930	1610
SNOL 800/450	800	900	1000	900	18	1810	1930	1610
SNOL 970/450	970	900	1200	900	21	1810	2310	1610
SNOL 1000/450	1000	1000	1000	1000	21	1910	2110	1710
SNOL 1200/450	1200	1000	1200	1000	24	1910	2310	1710
SNOL 1500/450	1500	1000	1500	1000	24	1910	2610	1710
SNOL 2200/450	2200	1000	1500	1500	35	1910	2610	2210
SNOL 2500/450	2500	1000	1700	1500	35	1910	2810	2210
SNOL 3400/450	3400	1000	1700	2000	45	1910	2810	2710
SNOL 4000/450	4000	1200	1700	2000	55	2110	3010	2710
SNOL 4800/450	4800	1200	2000	2000	55	2110	3310	2710
Up to 650 °C								
SNOL 125/650	125	500	500	500	8	1530	1730	1360
SNOL 250/650	250	500	1000	500	12	1530	2230	1360
SNOL 420/650	420	700	1000	600	16	1730	2230	1460
SNOL 500/650	500	700	1000	700	16	1730	2230	1560
SNOL 600/650	600	800	1000	800	18	1830	2230	1660
SNOL 700/650	700	800	1000	900	18	1830	2230	1760
SNOL 800/650	800	900	1000	900	21	1930	2230	1760
SNOL 970/650	970	900	1200	900	25	1930	2430	1760
SNOL 1000/650	1000	1000	1000	1000	25	2030	2230	1860
SNOL 1200/650	1200	1000	1200	1000	30	2030	2430	1860
SNOL 1500/650	1500	1000	1500	1000	32	2030	2730	1860
SNOL 2200/650	2200	1000	1500	1500	45	2030	2730	2360
SNOL 2500/650	2500	1000	1700	1500	45	2030	2930	2360
SNOL 3500/650	3500	1000	1700	2000	55	2030	2930	2860
SNOL 4000/650	4000	1200	1700	2000	65	2410	3310	3010
SNOL 4800/650	4800	1200	2000	2000	75	2410	3610	3010
Up to 750 °C								
SNOL 125/750	125	500	500	500	16	1530	1730	1360
SNOL 250/750	250	500	1000	500	18	1530	2230	1360
SNOL 400/750	400	700	1000	600	24	1730	2230	1460
SNOL 500/750	500	700	1000	700	24	1730	2230	1560
SNOL 600/750	600	800	1000	800	27	1830	2230	1660
SNOL 700/750	700	800	1000	900	27	1830	2230	1760
SNOL 800/750	800	900	1000	900	32	1930	2230	1760
SNOL 970/750	970	900	1200	900	32	1930	2430	1760
SNOL 1000/750	1000	1000	1000	1000	32	2030	2230	1860
SNOL 1200/750	1200	1000	1200	1000	45	2030	2430	1860
SNOL 1500/750	1500	1000	1500	1000	48	2030	2730	1860
SNOL 2200/750	2200	1000	1500	1500	65	2030	2730	2360
SNOL 2500/750	2500	1000	1700	1500	65	2030	2930	2360
SNOL 3400/750	3400	1000	1700	2000	80	2030	2930	2860
SNOL 4000/750	4000	1200	1700	2000	95	2410	3310	3010
SNOL 4800/750	4800	1200	2000	2000	110	2410	3610	3010

* Overall dimensions can be adjusted

Note: Chamber dimensions can be adjusted subject to customer requirements when ordering

1. Low-temperature electric ovens

1.2 Ovens with a removable hearth

Industrial electric ovens with a removable hearth are designed for more comfortable loading and built from high quality materials, which are manufactured in our factory, such as heavy-duty metal parts and thermal insulation materials. The bogie hearth is manually removable but can be fitted with an electromechanical reducer for effortless removal. Fit with a selection of precise digital controllers and certified heating elements to ensure excellent temperature stability. This range of ovens can be applied for annealing, curing, hardening, primary heating, normalising, stress relieving, and other thermal treatment processes up to 750 °C. Induced air circulation ensures an even temperature distribution and achieves great uniformity.

Base model

- Manually removable hearth rails
- Induced horizontal or vertical air circulation
- Adjustable air supply / extraction
- The chamber made of mild or stainless steel for ovens up to 350 °C
- Chamber made of stainless steel for ovens above 350 °C
- Tightly sealed doors are opened to the right
- Protection against overheating
- Microprocessor heating controller
- High-quality and environmentally friendly thermal insulation material
- Low power consumption
- Short heating / cooling time
- High level of accuracy
- Exterior painted with powder paint (RAL 7035), black case
- 1 year warranty

Optional equipment

- Electromechanically removable hearth rails
- Door opens to the left
- Rack with shelves
- Automatic air vent control
- Digital timer
- Data recorder
- Data communication/USB
- Calibration and maintenance of temperature measurement system
- Stainless steel oven exterior
- Additional 1 year warranty



Model	Vol., l	Inner dimensions, mm			Power, kW	Exterior dimensions, mm *		
		Width	Height	Depth		Width	Height	Depth
Up to 250 °C								
SNOL 500/250 BH	500	700	1000	700	8	1730	2230	1460
SNOL 800/250 BH	800	900	1000	900	12	1930	2230	1660
SNOL 970/250 BH	970	900	1200	900	12	1930	2430	1660
SNOL 1000/250 BH	1000	900	1200	1000	16	1930	2430	1760
SNOL 1200/250 BH	1200	1000	1200	1000	18	2030	2430	1760
SNOL 2200/250 BH	2200	1000	1500	1500	20	2030	2730	2260
SNOL 3000/250 BH	3000	1000	1500	2000	25	2030	2730	2760
SNOL 4200/250 BH	4200	1000	1700	2500	30	2030	2930	3260
SNOL 5100/250 BH	5100	1200	1700	2500	30	2230	2930	3260
SNOL 9000/250 BH	9000	1500	2000	3000	45	2530	3230	3760

* Overall dimensions can be adjusted

Note: Chamber dimensions can be adjusted subject to customer requirements when ordering

Model	Vol., l	Inner dimensions, mm			Power, kW	Exterior dimensions, mm *		
		Width	Height	Depth		Width	Height	Depth
Up to 350 °C								
SNOL 500/350 BH	500	700	1000	700	8	1730	2230	1460
SNOL 800/350 BH	800	900	1000	900	14	1930	2230	1660
SNOL 970/350 BH	970	900	1200	900	18	1930	2430	1660
SNOL 1000/350 BH	1000	900	1200	1000	18	1930	2430	1760
SNOL 1200/350 BH	1200	1000	1200	1000	22	2030	2430	1760
SNOL 2200/350 BH	2200	1000	1500	1500	28	2030	2730	2260
SNOL 3000/350 BH	3000	1000	1500	2000	32	2030	2730	2760
SNOL 4200/350 BH	4200	1000	1700	2500	38	2030	2930	3260
SNOL 5100/350 BH	5100	1200	1700	2500	45	2230	2930	3260
SNOL 9000/350 BH	9000	1500	2000	3000	55	2530	3230	3760
Up to 450 °C								
SNOL 500/450 BH	500	700	1000	700	8	1730	2230	1460
SNOL 800/450 BH	800	900	1000	900	14	1930	2230	1660
SNOL 970/450 BH	970	900	1200	900	18	1930	2430	1660
SNOL 1000/450 BH	1000	900	1200	1000	18	1930	2430	1760
SNOL 1200/450 BH	1200	1000	1200	1000	22	2030	2430	1760
SNOL 2200/450 BH	2200	1000	1500	1500	28	2030	2730	2260
SNOL 3000/450 BH	3000	1000	1500	2000	32	2030	2730	2760
SNOL 4200/450 BH	4200	1000	1700	2500	38	2030	2930	3260
SNOL 5100/450 BH	5100	1200	1700	2500	45	2230	2930	3260
SNOL 9000/450 BH	9000	1500	2000	3000	55	2530	3230	3760
Up to 650 °C								
SNOL 500/650 BH	500	700	1000	700	18	2030	2530	1760
SNOL 800/650 BH	800	900	1000	900	24	2230	2530	1960
SNOL 970/650 BH	970	900	1200	900	24	2230	2730	1960
SNOL 1000/650 BH	1000	900	1200	1000	28	2230	2730	2060
SNOL 1200/650 BH	1200	1000	1200	1000	28	2330	2730	2060
SNOL 2200/650 BH	2200	1000	1500	1500	48	2330	3030	2560
SNOL 3000/650 BH	3000	1000	1500	2000	55	2330	3030	3060
SNOL 4250/650 BH	4250	1000	1700	2500	65	2330	3230	3560
SNOL 5100/650 BH	5100	1200	1700	2500	78	2530	3230	3560
SNOL 9000/650 BH	9000	1500	2000	3000	90	2830	3530	4060
Up to 750								
SNOL 500/750 BH	500	700	1000	700	27	2030	2530	1760
SNOL 800/750 BH	800	900	1000	900	36	2230	2530	1960
SNOL 970/750 BH	970	900	1200	900	36	2230	2730	1960
SNOL 1000/750 BH	1000	900	1200	1000	42	2230	2730	2060
SNOL 1200/750 BH	1200	1000	1200	1000	42	2330	2730	2060
SNOL 2200/750 BH	2200	1000	1500	1500	72	2330	3030	2560
SNOL 3000/750 BH	3000	1000	1500	2000	80	2330	3030	3060
SNOL 4200/750 BH	4200	1000	1700	2500	95	2330	3230	3560
SNOL 5100/750 BH	5100	1200	1700	2500	117	2530	3230	3560
SNOL 9000/750 BH	9000	1500	2000	3000	135	2830	3530	4060

* Overall dimensions can be adjusted
Note: Chamber dimensions can be adjusted subject to customer requirements when ordering

1. Low-temperature electric ovens

1.3 Walk-in type chamber ovens

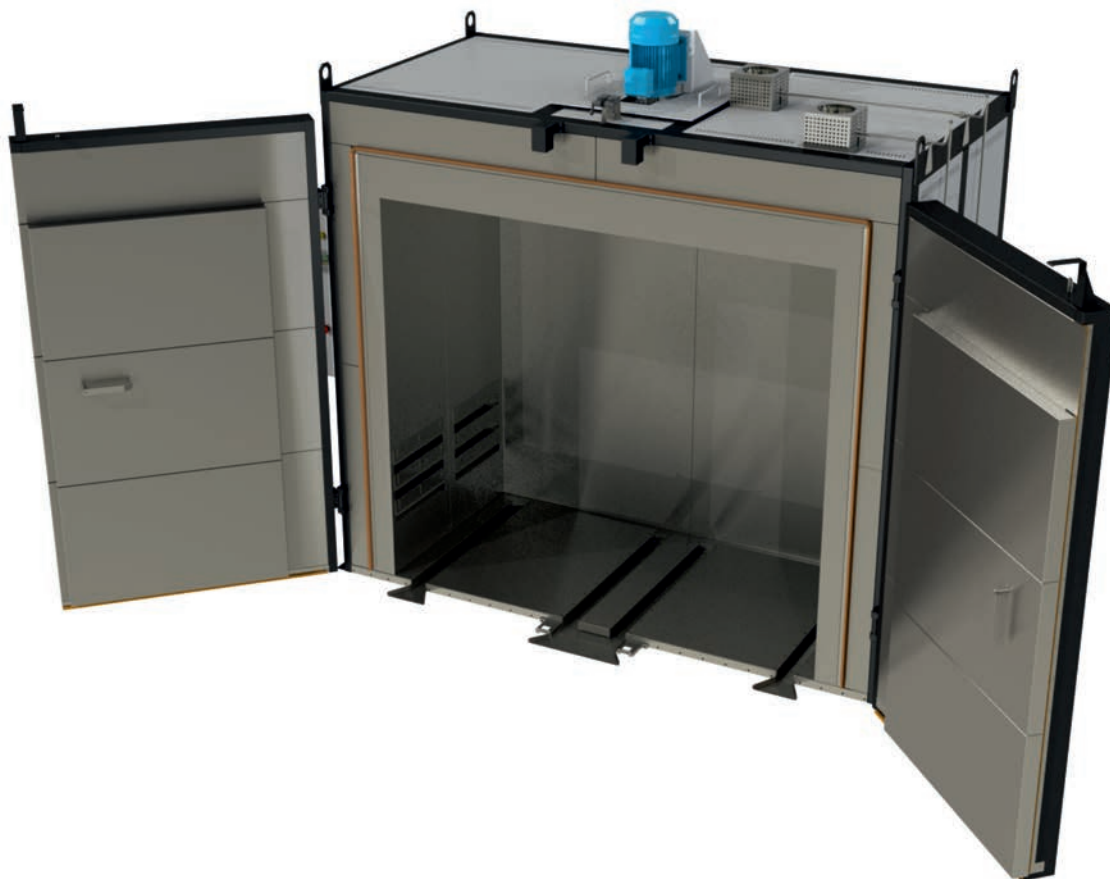
Walk-in type industrial electric ovens without bottom insulation are designed to provide the user with various types of loading possibilities and are built from high quality materials, such as heavy-duty metal parts and thermal insulation materials, which are manufactured in our factory. The oven can be loaded using any type of trolley or any other convenient way, that can withstand the processing temperature. Fit with a selection of precise digital controllers and certified heating elements to ensure excellent temperature stability. This range of ovens can be applied for annealing, curing, hardening, primary heating, normalising, stress relieving, and other thermal treatment processes up to 350 °C. Induced air circulation ensures an even temperature distribution and achieves great uniformity.

Base model

- Equipped with non-programmable controller Omron E5CC
- Control panel on the left/right side (depending on customer needs)
- Adjustable air supply/extraction
- Ventilation motor on the top, vertical air flow
- Heating from 2 sides with tubular (U-shaped) heating elements
- Chamber made from mild or stainless steel
- Thermal insulation made from rock wool
- Outside casing – metal sheet, powder painted grey (RAL 7035), frame – black
- Doors opening to the left and right sides
- Low power consumption
- Short heating/cooling time
- High level of accuracy
- Door safety switch
- OTP (over temperature protection), Omron K8 relay
- SSR relay
- 1 year warranty

Optional equipment

- Ventilation motor on the rear, horizontal air flow
- Automatic air vent control
- Digital timer
- Data recorder
- Data communication/USB
- Calibration and maintenance of temperature measurement system
- Stainless steel furnace exterior
- Additional 1 year warranty





Model	Vol., l	Inner dimensions, mm			Power, kW	Exterior dimensions, mm*		
		Width	Height	Depth		Width	Height	Depth
Up to 250 °C								
SNOL 500/250 Arc	500	700	1000	700	6	1610	1630	1260
SNOL 800/250 Arc	800	900	1000	900	12	1810	1630	1460
SNOL 970/250 Arc	970	900	1200	900	12	1810	1830	1460
SNOL 1000/250 Arc	1000	900	1200	1000	14	1810	1830	1560
SNOL 1200/250 Arc	1200	1000	1200	1000	16	1910	1830	1560
SNOL 2200/250 Arc	2200	1000	1500	1500	18	1910	2130	2060
SNOL 3000/250 Arc	3000	1000	1500	2000	24	1910	2230	2560
SNOL 4200/250 Arc	4200	1000	1750	2500	28	1910	2480	3060
SNOL 5100/250 Arc	5100	1200	1750	2500	32	2110	2480	3060
SNOL 9000/250 Arc	9000	1500	2000	3000	43	2410	2730	3560
Up to 350 °C								
SNOL 500/350 Arc	500	700	1000	700	8	1610	1730	1260
SNOL 800/350 Arc	800	900	1000	900	14	1810	1730	1460
SNOL 970/350 Arc	970	900	1200	900	18	1810	1930	1460
SNOL 1000/350 Arc	1000	900	1200	1000	18	1810	1930	1560
SNOL 1200/350 Arc	1200	1000	1200	1000	22	1910	1930	1560
SNOL 2200/350 Arc	2200	1000	1500	1500	26	1910	2230	2060
SNOL 3000/350 Arc	3000	1000	1500	2000	30	1910	2330	2560
SNOL 4200/350 Arc	4200	1000	1700	2500	36	1910	2530	3060
SNOL 5100/350 Arc	5100	1200	1700	2500	40	2110	2530	3060
SNOL 9000/350 Arc	9000	1500	2000	3000	50	2410	2830	3560

* Overall dimensions can be adjusted
Note: Chamber dimensions can be adjusted subject to customer requirements when ordering