



Perfect precision scaled  
to the size of your lab.

**vötschoven: high-performance heat technology  
for demanding laboratory applications.**

In research, development and quality assurance, precise and uniform heat treatment is essential. Our ovens are designed exactly for these requirements. **vötschoven** laboratory ovens deliver precise temperature control and consistent heat distribution for all sample types. Their ergonomic, intuitive design makes operation effortless while ensuring reliable, repeatable processes. Ideal for drying, thermal conditioning and heat treatment in laboratory environments.



**Our Highlights:**

- Uniform heat distribution through forced ventilation
- Precise PID temperature control up to 300°C with digital display
- Independent safety thermostat with full CE compliance
- Inner stainless-steel construction, high-density insulation
- RS485 Modbus with multipoint control and optional SIMPATI integration

# Controlled heat. Consistent results.

Laboratory oven		VBX 032	VBX 058	VBX 112	VBX 225	VBX 343	VBX 490	VBX 686	VBX 980
<b>Performance data</b>									
Temperature range	l	Ambient temperature +10°C to 300°C							
Standard max. temperature	mm	300 °C							
Homogeneity at 105°C	± °C	<1.2	<1.2	<1.2	<1.5	<1.2	<1.2	<1.2	<1.2
<b>Chamber dimensions</b>									
Chamber volume	dm <sup>3</sup>	32	58	112	225	343	490	686	980
Width	mm	300	400	500	500	700	700	700	1000
Depth	mm	270	360	450	450	700	700	700	700
Height	mm	400	400	500	1000	700	1000	1400	1400
<b>Exterior dimensions</b>									
Exterior chamber volume	m <sup>3</sup>	0.19	0.26	0.4	0.65	0.95	1.24	1.62	2.18
Width	mm	464	564	664	664	864	864	864	1164
Depth	mm	556	656	746	746	1092	1092	1092	1092
Height	mm	712	712	812	1312	1012	1312	1712	1717
<b>Shelves</b>									
Delivered/maximum	/	2 / 6	2 / 6	2 / 8	2 / 17	2 / 11	2 / 17	2 / 25	2 / 25
Dimensions L/P	mm	270x240	370x330	470x420	470x420	670x670	670x670	670x670	970x670
Maximum weight/total	kg	30 / 60	30 / 60	30 / 60	30 / 120	30 / 100	30 / 160	30 / 160	30 / 180
<b>Electrical data</b>									
Standard power 300°C	Watts	1000	1500	1500	2000	3000	3000	4000	6000
Electrical supply	Volts	230V ~1P 50/60Hz 10A	230V ~1P 50/60Hz 10A	230V ~1P 50/60Hz 10A	230V ~1P 50/60Hz 10A	230V ~1P 50Hz 10A	230V ~1P 50Hz 10A	230V ~1P 50Hz 20A	400V ~3P + N 50Hz 10A
<b>Other information</b>									
Number of door(s)	/	1	1	1	1	1	1	1	1
Window L/I (option)	mm	130x200	200x200	180x350	350x350	350x550	350x550	350x550	180x350
Weight	kg	39	50	65	84	123	148	178	258

Subject to technical changes.

## Ventilation and adjustable air renewal.

One or two motors provide efficient ventilation for uniform heat and faster drying. Air is drawn in, heated, and blown into the chamber, then discharged through an outlet with an adjustable damper. Controlled via the C6000 controller, the damper lets you choose closed-loop mode for quick preheating or air renewal mode to introduce fresh air as required.

## Equipment:

- ✓ PID electronic temperature controller
- ✓ Independent safety thermostat
- ✓ Inner chamber in stainless-steel (ASISI 304)
- ✓ Forced ventilation by centrifugal fan
- ✓ Adjustable shelves on lateral rails
- ✓ Built-in interior lighting



Product website