VACUUM DRYING CHAMBERS

Series VD | Vacuum drying chambers for non-flammable solvents

Sizes 24 L, 55 L, 119 L

Model VD 115

FEATURES:

- Temperature range: +9 °C above ambient temperature to +220 °C
- Controller with digital display of pressure and temperature
- Program-controlled drying monitoring with automatic ventilation at end of process
- 1 aluminum expansion rack, can be custom-positioned
- Shatterproof, spring-mounted safety glass panel

Series VDL | Vacuum drying chambers for flammable solvents
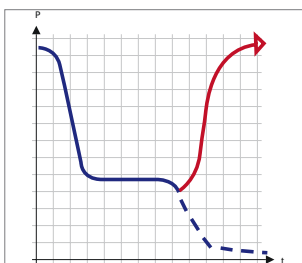
Sizes 24 L, 55 L, 119 L
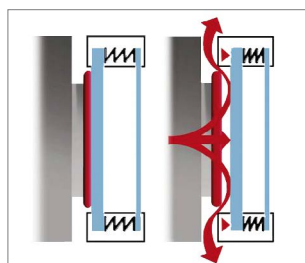
Model VDL 115

FEATURES:

- Temperature range: +9 °C above ambient temperature to +110 °C
- ATEX conformity for units: EX II 2/3/- G IIB T3 Gb/Gc/- X
- Intuitive touchscreen controller with graphical pressure and temperature display
- Program-controlled drying monitoring with automatic ventilation at end of process
- Pressure control device for heating activated from < 100 mbar
- Shatterproof, spring-mounted safety glass panel
- Expanded safety functions
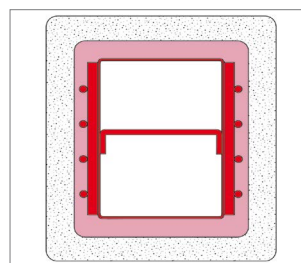- 2 aluminum expansion racks, can be custom-positioned
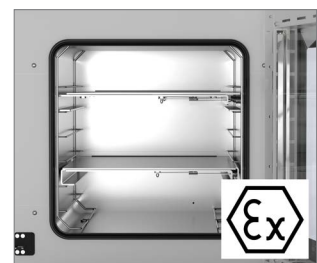
Advantages at a glance

AUTOMATIC DRYING DETECTION

TESTED SAFETY

JACKET HEATING

Series VDL: EXPLOSION-PROTECTED INTERIOR

TECHNICAL DATA

Description	VD 23	VD 56	VD 115	VDL 23	VDL 56	VDL 115
Measures						
Interior volume [L]	24	55	119	24	55	119
Load per rack [kg]	20	20	20	20	20	20
Net weight of the unit (empty) [kg]	64	95	146	72	104	158
Permitted load [kg]	50	60	70	50	60	70
Wall clearance back [mm]	100	100	100	100	100	100
Wall clearance sidewise [mm]	70	70	70	70	70	70
Internal Dimensions						
Depth [mm]	295	343	460	295	343	460
Height [mm]	285	400	506	285	400	506
Width [mm]	285	400	506	285	400	506
Housing dimensions not incl. fittings and connections						
Depth net [mm]	413	461	581	413	461	581
Height net [mm]	698	815	942	698	815	942
Width [mm]	523	638	743	523	638	743
Performance Data Temperature						
Temperature range +9 °C above ambient temperature to [°C]	220	220	220	110	110	110
Temperature variation at 100 °C [± K]	1	1.2	2.9	1	1.2	2.9
Temperature fluctuation [± K]	0.1	0.1	0.1	0.1	0.1	0.1
Heating-up time to 100 °C [min]	80	80	130	110	140	170
Electrical data						
Nominal power (version 120 V) [kW]	0.9	1.4	1.6	0.9	1.4	1.6
Nominal power (version 230 V) [kW]	0.9	1.4	1.6	0.9	1.4	1.6
Fixtures						
Number of shelves (std./max.)	1/4	1/5	1/6	2/4	2/5	2/6

EXCERPT FROM OPTIONS AND ACCESSORIES

Pump module with vacuum pump	The pump module lifts your vacuum oven to the optimum working height, it also significantly reduces the noise of the vacuum pump and protects the pump and glass material from mechanical damage. The pump in the module can be switched on and off using a switchable socket via the control of the vacuum furnace.	
Vacuum pumps	Our range of membrane pumps, chemistry membrane pumps, or speed-controlled chemistry membrane pumps is perfectly matched to the BINDER vacuum chambers in question. When connected to the pump chamber, the vacuum pump and flask are protected against mechanical damage.	

All extras online go2binder.com/en-options

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