

Technical data for your planning and installation

VDL series



	VDL 23	VDL 53	VDL 115
Exterior dimensions			
Width (mm)	515	635	740
Height (inclusive feet) (mm)	655	775	900
Height VDL with option "vacuum module" (mm)	1280	1400	1525
Depth (mm)	500	550	670
Plus door handle, connection (mm)	100	100	100
Interior dimensions			
Width (mm)	285	400	510
Height (mm)	285	400	510
Depth (mm)	295	340	460
Interior volume (l/cu.ft.)	23	53	115
Quantity of expansion racks (aluminum) (standard/max.)	2 / 4	2 / 5	2 / 6
Load per rack (kg/lbs.)	20	20	20
Permitted total load (kg/lbs.)	35	45	65
Weight of the unit (empty) (kg/lbs.)	63	95	153
Temperature data			
Temperature range, 15 °C above ambient up to (°C)	200	200	200
Temperature uniformity at 100 °C (± K) ¹⁾	1.5	2.0	3.5
Temperature fluctuation (± K) ¹⁾	0.1	0.1	0.1
Heating-up time to 100 °C (min.) ^{1) 2)}	65	80	95
Permitted end vacuum (mbar)	0.01	0.01	0.01
Leak rate max. (bar/h)	0.01	0.01	0.01
Compressed air connection for pressure-encapsulation (Ø mm)	8	8	8
Electrical data			
Housing protection acc. to EN 60529	IP 54	IP 54	IP 54
Nominal voltage (±10%) 50/60 Hz (V)	230	230	230
Nominal power (kW)	0.8	1.2	1.9
Energy consumption at 100 °C (W/h)	105	150	250
Energy consumption at 200 °C (W/h)	280	445	785
Model no.			
	9030-0038	9030-0039	9030-0040

¹⁾ values measured with aluminum racks // ²⁾ to 98 % of the set value /// All technical data are specified for units with standard equipment at an ambient temperature of 25 °C and a voltage fluctuation of ±10 %. The temperature data are determined in accordance with factory standard following DIN 12880 respecting the recommended wall clearances of 10 % of the height, width and depth of the inner chamber. All indications are average values, typical for units produced in series. We reserve the right to change technical specifications at any time.



Current information and values are available at:
www.binder-world.com