## **Data Sheet (EN)**

Translation of the german original



Figure	Designation	Order no.
	Laboratory-Vacuum-System  Model: LVS 601 T	115057

Technical Data				
Parameter	Data	Unit		
Pumping speed 50/60 Hz DIN 28432 at rated speed 1500 min <sup>-1</sup>	4.5 / 4.9	m <sup>3</sup> / h		
Ultimate pressure at rated speed 1500 min <sup>-1</sup>	< 2			
Ultimate pressure with gas ballast at rated speed 1500 min <sup>-1</sup>	9	mbar		
Max. Inlet - / Outlet pressure	1	bar		
Reference surface sound pressure level DIN EN ISO 2151	< 44	dB (A)		
Intake- / Exhaust connection	Hose nozzle DN 8 for hose inside diameter 8 mm	ı		
Ambient temperature	+ 10 to + 40	r		
Max. operating gas temperature	+ 40	)		
Voltage, Frequency (generell mit Motorschutz, Schalter und Kabel)	230, 50/60	V, Hz		
Motor power	370	W		
Operating mode	S1	-		
Type of protection (Motor) DIN EN 60529	IP 54	ı		
Motor / Class of insulation DIN EN 600034-1	F (160℃)	1		
Type Examination Certificate no.	WELCH_ATEX_03-01			
Designation EX	(Ex) II3G IIC T3 X (internal Atm. only)	-		
Dimensions (W/D/H)	360 / 310 / 445	mm		
Weight	23.1	kg		

WELCH	
by Gardner Denver	

**Gardner Denver Thomas GmbH** 

Am Vogelherd 20 98693 Ilmenau Germany

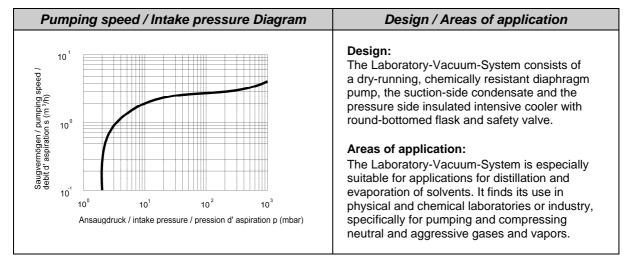
We are constantly working on the further development of all our product types. Reprinting or reproduction of this manual, including extracts, is not allowed without the prior written permission of Co. Gardner Denver Thomas GmbH. All rights under the copyright laws are expressly reserved by Co. Gardner Denver Thomas GmbH. We reserve the right to make changes and amendments.

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as and aid to help in the selection of products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. Gardner Denver Thomas GmbH does not warrant, guarantee or assume any obligation or liability in connection with this information.

## Data Sheet (EN)

## Translation of the german original





Accessories		Order no.
3000	Vacuum Control Box VCB 521 cv For measuring and regulation a vacuum. With integrated sensor and ventilation-, control- and check valve.	600053
WELGT WE	Operating Software "WELCH-Control 521" on CD To connect the Controller VCB 521 cv to the PC.	620637
	Vacuum hose Rubber, 18 / 8 x 5 mm	828310-4
	Vacuum hose PTFE, 8 / 6 x 1 mm	828331
	Water valve WV 2 2 way water flow valve for the demand-responsive cooling water supply.  Mounting possible in any direction. Input: G 3/4 inch sleeve nut Output: Hose nozzle for hose inside diameters 8 mm	700300-02
	netvac+ Set BC1 – 63 (for mounting on sheet metal wall) with integrated FFKM - check valve, dosing valve, hose nozzle and ball valve Area of application: Laboratory Suction connection: for hose DN 8-10 Connection thread: 1/4 "- outside Material of valve body: Polypropylene (PP) Dimensions (W/D/H):Ø 69 / 161 / 82 mm Mounting hole: Ø 25 to Ø 35 mm	700563-01
	netvac+ Set BC2 – 62 (for mounting on wood furniture) with integrated FFKM - check valve, dosing valve and hose nozzle Area of application: Laboratory Suction connection: for hose DN 8-10 Connection thread: 1/4 "- outside Material of valve body: Polypropylene (PP) Dimensions (W/D/H):Ø 69 / 69 / 82 mm Mounting hole: Ø 25 to Ø 35 mm	700562



Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

## www.wolflabs.co.uk

Tel: 01759 301142

Fax: 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.