

Please see the pump selection reference chart on p. 1 for your specific needs.

- Rotary Evaporator
- Vacuum Oven
- Multi-User Vacuum Network



LVS Models



LVS 110 Z



LVS 210 T



LVS 300 Z



LVS 301 Z



LVS 311 Z

Free Air Displacement		Ultimate Pressure	Vacuum Control			ilmvac Model	Weight, kg(lbs)
m ³ /h(L/min) @50Hz	cfm(L/min) @60Hz		Manual Vacuum Control	Standard Two Point Vacuum Control	Ecoflex Vacuum Control		
1.2(20)	0.7(20)	2(1.5)			✓	LVS 105 T -10 ef	9.5(20.9)
1.0(16.7)	0.6(18)	8(6)	✓			LVS 101 Z w/gauge	11.6(25.6)
↓	↓	↓		✓		LVS 110 Z	12.7(27.9)
2.0(33)	1.3(36)	2(1.5)	✓			LVS 201 T	15.0(33.1)
↓	↓	↓	✓			LVS 201 T w/gauge	15.3(33.7)
↓	↓	↓		✓		LVS 210 T	15.7(34.2)
2.2(36)	1.3(36)	2(1.5)			✓	LVS 210 T ef	19.0(41.9)
2.3 (38)	1.5(41)	8(6)				LVS 300 Z	16.1(35.5)
↓	↓	↓	✓			LVS 301 Z	16.0(35.3)
↓	↓	↓	✓			LVS 301 Z w/gauge	16.3(35.9)
↓	↓	↓	✓			LVS 302 Z	16.7(36.8)
↓	↓	↓		✓		LVS 310 Z	17.8(39.2)
↓	↓	↓	✓	✓		LVS 311 Z	18.1(39.9)
↓	↓	↓		✓		LVS 320 Z	18.4(40.6)
2.6(43)	1.6(43)	8(6)			✓	LVS 310 Z ef	19.9(43.9)
4.5(75)	2.9(81)	2(1.5)				LVS 600 T	23.2(51.1)
↓	↓	↓	✓			LVS 601 T	23.1(50.9)
↓	↓	↓	✓			LVS 601 T w/gauge	23.5(51.8)
↓	↓	↓	✓			LVS 602 T	23.9(52.7)
↓	↓	↓		✓		LVS 610 T	24.4(53.8)
↓	↓	↓	✓	✓		LVS 611 T	25.0(55.1)
↓	↓	↓		✓		LVS 620 T	25.3(55.8)
4.9(81)	2.9(81)	2(1.5)			✓	LVS 610 T ef	26.8(59.1)
8.3(138)	5.3(151)	2(1.5)		✓		LVS 1210 T	36.3(80.0)
9.1(151)	5.3(151)	2(1.5)			✓	LVS 1210 T ef	37.1(81.8)

Netvac LVS Systems							
2.3 (38)	1.5(41)	8(6)			✓	LVS 310 Z en	17.5(38.6)
4.5(75)	2.9(81)	2(1.5)			✓	LVS 610 T en	24.7(54.5)

Manual - Vacuum is adjusted by user using valve

Standard Two Point Control - Vacuum is automatically controlled at set point using on/off solenoid valve

Ecoflex - Pump speed is automatically varied to control vacuum

Economic - Pump automatically turns on/off based on demand for vacuum



1. With Schuko and UK plug leads
2. With US plug lead
3. With JP plug lead
4. These pumps can be delivered on request
5. With Schuko, UK and US plug leads (other country specific plug leads available upon request, please see p. 32)

Ordering Matrix

Accessories

Additional accessories are available. Please see p. 27.

Software Kit for LVS & VCB 521
CAT. No. 620637-01

Overall Dimensions LxWxH cm	Number of Unregulated Connections	Number of Manual Regulated Connections	Number of Controller Regulated Connections	With Dial Vacuum Gauge	With Digital VCZ 521 Controller	With LED VCZ 424 Controller	Ordering Information		
							230V, 50/60Hz, 1 Ph ¹	115V, 50/60Hz, 1 Ph ²	100V, 50/60Hz, 1 Ph ³
25x26x43.5			1		✓		114184 ⁵	114184 ⁵	114184 ⁵
35x32x44		1		✓			115027	115027-01	115027-05
↓			1		✓		115024	115024-01	115024-05
35x32x44		1					115037	115037-01	115037-05
↓		1		✓			115037-10	115037-11	115037-12
↓			1		✓		115034	115034-01	115034-05
35x32x44			1		✓		115234	115234-01	----
35x32x44	1						115041	115041-01	115041-05
↓		1					115047	115047-01	115047-05
↓		1		✓			115047-10	115047-11	115047-12
↓		2					115043	115043-01	115043-05
↓			1		✓		115044	115044-01	115044-05
↓		1	1		✓		115045	115045-01	115045-05
↓			2			✓	115046	115046-01	115046-05
35x32x44			1		✓		115244	115244-01	----
35x32x44	1						115051	115051-01	115051-05
↓		1					115057	115057-01	115057-05
↓		1		✓			115057-10	115057-11	115057-12
↓		2					115053	115053-01	115053-05
↓			1		✓		115054	115054-01	115054-05
↓		1	1		✓		115055	115055-01	115055-05
↓			2			✓	115056	115056-01	115056-05
35x32x44			1		✓		115254	115254-01	----
54x33x46			1		✓		115064	115064-01	115064-05
54x33x46			1		✓		115264	115264-01	----
35x32x44			1		✓		115248-02	115248-03	o.r. ⁴
35x32x44			1		✓		115258-02	115258-03	o.r. ⁴

LVS Models



LVS 320 Z



LVS 310 Z ef



LVS 601 T



LVS 610 T



LVS 1210 T



Manual Regulated Connections



Controller Regulated Connections



With Dial Vacuum Gauge



With a Digital Vacuum Controller



Simultaneous operation of two independent vacuum processes

Every LVS system is supplied with a Chemical Duty Diaphragm Pump and a DN 8 hose connector. Some configurations also come with a vacuum control package and capture solvent recovery system depending on your needs. Comes pre-assembled and ready to use.