

D-LAB DIAPHRAGM VACUUM PUMP

edwardsvacuum.com

D-LAB membrane pumps with their chemically resistant Teflon heads, diaphragms and Kalrez valves, offer the chemical or pharmaceutical laboratory user a wide range of choice.

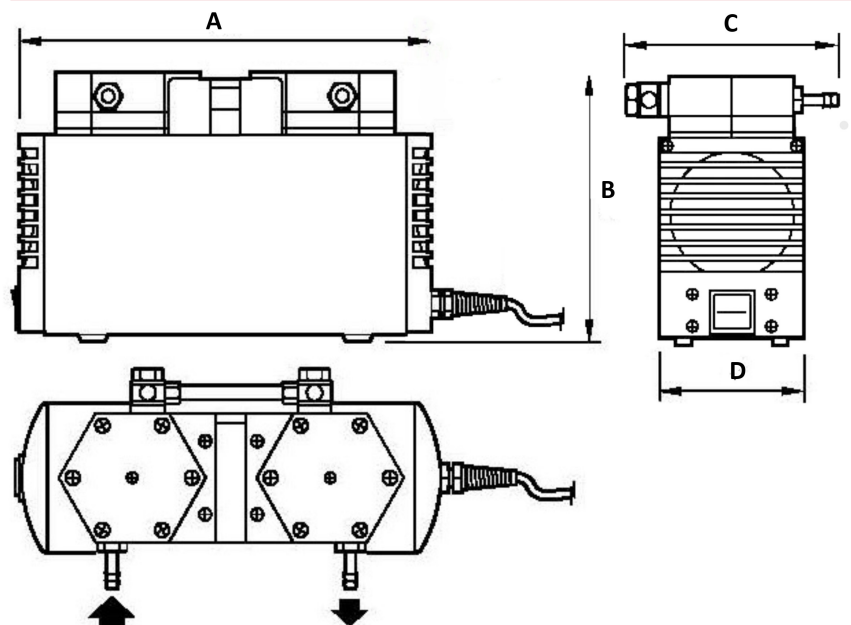
The D-Lab two head, 8 mbar ultimate vacuum pumps are suitable for rotary evaporation, gas transfer, drying equipment or for replacing water jet pumps and a wide range of medium vacuum applications.



Features and benefits

- 1** 100% lubricant free, easy maintenance and quiet.
- 2** Three different pumping capacities and modular expansions for diverse applications.
- 3** All parts of the pump head in contact with gases being pumped are resistant against aggressive substances.
- 4** ATEX compliant according to ATEX II 2/-G IIB+H2 T3 Gb internal atmosphere only.

Dimensional drawing



	A	B	C	D
10-8	281	187	140	98
20-8	312	207	154	110
34-8	341	226	166	122

Technical Data

	Units	D-LAB
Pumping speed (air)		
10-8	m ³ h ⁻¹ /lmin ⁻¹	0.6 / 10
20-8	m ³ h ⁻¹ /lmin ⁻¹	1.2 / 20
34-8	m ³ h ⁻¹ /lmin ⁻¹	2 / 34
Ultimate vacuum		
10-8, 20-8, 34-8	mbar, Hz	8, 50
Inlet and outlet connection		Riffled nozzle, suitable for 9mm i.d. hose
Maximum inlet pressure	bar	1 abs.
Motor power and current		
10-8, 100 V 60 Hz	W / A	110 / 1.3
10-8, 220 - 240 V 50 Hz	W / A	90 / 0.6
20-8, 110 V 60 Hz	W / A	130 / 1.2
20-8, 220 - 240 V 50 Hz	W / A	120 / 0.7
34-8, 110 V 60 Hz	W / A	250 / 3.2
34-8, 220 - 240 V 50 Hz	W / A	245 / 1.5
Enclosure rating		IP44
Operating temperature	°C	5 - 40
Weight		
10-8	kg / lbs	6.9 / 15.2
20-8	kg / lbs	9.3 / 20.5
34-8	kg / lbs	12.6 / 27.7

Ordering Information

Product description	Order no
D-LAB 10-8, diaphragm pump, 110 V, 60 Hz, 1-ph	A48016941
D-LAB 10-8, diaphragm pump, 220-240 V, 50 Hz, 1-ph	A48016960
D-LAB 20-8, diaphragm pump, 110 V, 60 Hz, 1-ph	A48018941
D-LAB 20-8, diaphragm pump, 220-240 V, 50 Hz, 1-ph	A48018960
D-LAB 34-8, diaphragm pump, 110 V, 60 Hz, 1-ph	A48022941
D-LAB 34-8, diaphragm pump, 220-240 V, 50 Hz, 1-ph	A48022960

Accessories

Product description	Order no
D-LAB Baseplate 10+20-x	A48015134
Baseplate for D-LAB 24-100, 34-8	A48021134
D-LAB Separator	A48015136
D-LAB Condenser	A48015137
Gas Ballast for D-LAB pumps 10-100, 10-8	A48015135
Gas Ballast for D-LAB pumps 20+34-8	A48017135

Electrical Supply Cable

Product description	Order no
2m electrical supply cable for 1-ph pumps, UK, three-pin plug	A50505000
2m electrical supply cable for 1-ph pumps, North European plug	A50506000
2m electrical supply cable for 1-ph pumps, no plug	A50508000

Service kits

Product description	Order no
Service kit for D-LAB 10-8	A48016815
Service kit for D-LAB 20-8	A48018815
Service kit for D-LAB 34-8	A48022815

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