



DIAPHRAGM
VACUUM PUMP

DIAPHRAGM VACUUM PUMP LDVP-100 SERIES

Labocon Diaphragm Vacuum Pump LDVP-100 Series is designed to deliver uncontaminated air, gases or vapours. They can operate independently or as part of a modular system and require minimal maintenance. They are suitable for producing completely oil-free compressed air and vacuum production without environmental contamination through oil mist.

Features

- ▶ Eco-friendly oil-free displacement pumping
- ▶ Design can be regulated by pressure to meet the vacuum or steady air stream within certain range
- ▶ Easy to move and smooth operation guarantees ideal vacuum and high rate of flow of air stream
- ▶ Filtering system in the air exchange bin guarantees clean air
- ▶ Self-cooling air draft system enables the machine to run continuously for 24 hours
- ▶ High quality classical axletree design enables steady running with low noise and high operating efficiency
- ▶ Frictionless operating system producing no calories and having no friction exhausts
- ▶ Nitrile rubber diaphragm resists most of the organic solvent and has long operating life

Application

Labocon Diaphragm Vacuum Pump is used in vacuum absorption, filtration unit and vacuum distillation, vacuum drying to extract and transfer gases.



Specification

Model	LDVP-101	LDVP-102	LDVP-103
Pumping Speed	15 L/min	20 L/min	
Pressure	≥30 Psi	-	-
Ultimate Pressure	≥0.075Mpa	≥0.08Mpa	≥0.095Mpa
Vacuum	250 mbar	200 mbar	50 mbar
Inlet and Outlet	φ6 mm	φ6 mm, Silencer	
Temp. of Body	<55°C		
Ambient Temp.	7-40°C		
Pump Head	Nylon	1	2
Function	Vacuum and Pressure	-	-
Noise Level	<50 dB(A)		
Dimension	195x98x156 mm	215x120x235 mm	300x120x235 mm
Power	75 W	160 W	
Power Supply	220 V, 60 Hz		
Weight	4 kg	7.5 kg	10 kg
Catalog No.	9204101128	9204102128	9204103128

Specification

Model	LDVP-104	LDVP-105	LDVP-106
Pumping Speed	30 L/min		60 L/min
Pressure	≥ 30 Psi		≥ 30 Psi
Ultimate Pressure	≥0.08Mpa	≥0.095Mpa	≥0.08Mpa
Vacuum	200 mbar	50 mbar	200 mbar
Inlet and Outlet	φ6 mm	φ6 mm, Silencer	φ6 mm
Temp. of Body	<55°C		
Ambient Temp.	7-40°C		
Pump Head	1	2	2
Function	Vacuum and Pressure	-	Vacuum and Pressure
Noise Level	<50 dB(A)		
Dimension	210x160x235 mm	300x120x235 mm	300x160x235 mm
Power	160 W		
Power Supply	220 V, 60 Hz		
Weight	8 kg	9 kg	
Catalog No.	9204104128	9204105128	9204106128



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