



# VACUUM PUMP

## LABOCON SYSTEMS

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## DIAPHRAGM VACUUM PUMP- 100 Series



Labocon Diaphragm Vacuum Pump-100 Series are highly efficient oil free displacement vacuum pump where reciprocating action of valve and diaphragm helps pumping.

### Application:

Widely applicable in areas which require dry oil free vacuum pumping of non-contaminated gases, these include laboratories, Analytics, Chemical Industries etc.



### Specifications:

Model	LDVP-101	LDVP-102	LDVP-103	LDVP-104	LDVP-105	LDVP-106
Pump Speed (L/min)	15	20		30		60
Ultimate Vacuum (mbar)	250	200	50	200	50	200
Ultimate Pressure (Psi)	≥30 Psi					
Pump Head	Single Head		Double Head	Single Head	Double Head	
Diaphragm	Nitrile butadiene rubber					
Inlet Flange (Dia.)	6 mm					
Outlet Flange (Dia.)	6 mm	Silencer		6 mm	Silencer	6 mm
Ambient Temp.	7°C to 40°C					
Noise Level	<50dB					
Rated power (kW)	75	160				
Dimension (LxBxH)(mm)	195x98x156	215x120x235	300x120x235	210x160x235	300x120x235	300x160x235
Weight (kg)	4	7.5	10	8	9	9
Power Supply	230V 50Hz					
Catalog No.	5301107126	5301108126	5301109126	5301110126	5301111126	5301112126

## ROTARY VANE VACUUM PUMP- 100 Series



Rotary Vane Vacuum Pump-100 Series from Labocon are high vacuum oil sealed rotary vacuum displacement pumps mounted with gas ballast valve, reducing loss of lubrication.



### Application:

Widely applicable in Vacuum drying and degassing applications where diaphragm pumps cannot provide sufficient vacuum. These applications include, freeze drying, centrifugal concentration, low-temperature evaporations of high boiling point solvents, molecular distillations, etc.

### Specifications:

Model		LRVP-101	LRVP-102	LRVP-103	LRVP-104	LRVP-105	LRVP-106
Pump Speed (L/s)		2	4	6	8	15	25
Ultimate Vacuum (mbar)		6x10 <sup>-4</sup>					
Motor Speed (rpm)		1400					
Rated Power (kW)		0.37	0.55	0.75	1.1	1.5	2.2
Inlet Flange (mm)	Inner Dia.	25/8		25	40	50	
	Outer Dia.	31/11			45	55	
Dimension (LxWxH)(mm)		474x168x282	514x168x282	565x200x342		705x338x414	740x338x414
Weight (kg)		20	24	37	50	80	95
Power Supply		220/380 V	380 V				
Catalog No.		5301101126	5301102126	5301103126	5301104126	5301105126	5301106126