



Liquid Ring & Rotary Vane Vacuum Pumps and System

PVL400 - PVL400/B PVL540 - PVL540/B

The pump series:

- PVL400 - PVL540 final vacuum 0.5 Torr (absolute)

-PVL400/B - PVL540/B final vacuum 7.5 Torr (absolute)

have a nominal capacity of 285 ACFM and 379 ACFM respectively.

They are lubricated, with oil recirculation system, rotary vane vacuum pumps.

They are suitable to evacuate closed systems or to operate at a constant vacuum within the following vacuum range:

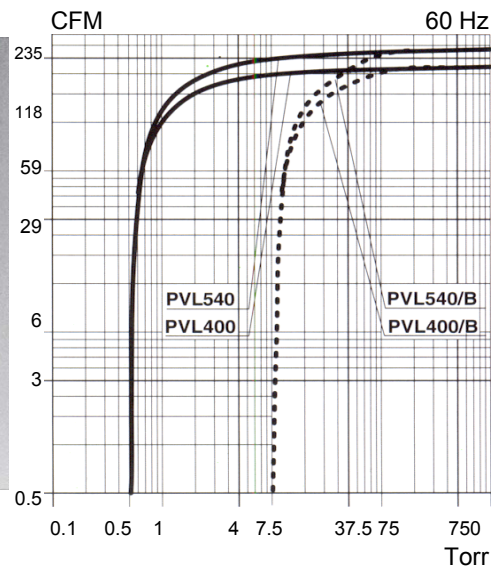
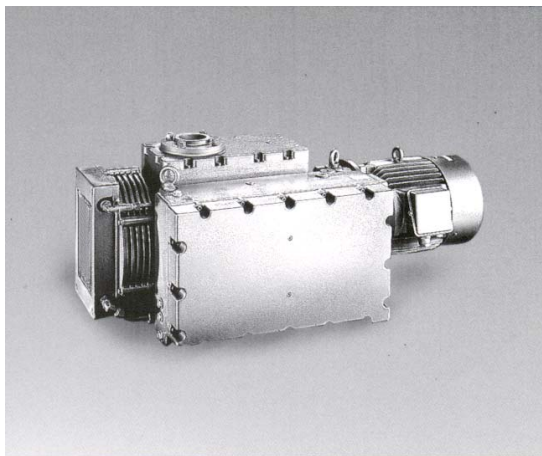
-PVL400 - PVL540 from 0.5 to 300 Torr (absolute)
-PVL400/B - PVL540/B from 7.5 to 650 torr (absolute)

They are complete with:

- N.2 inlet filtering element
- check valve
- gas-ballast valve

		PVL400		PVL400/B		PVL540		PVL540/B	
Nominal Capacity	ACFM	60 Hz	285			379			
Ultimate pressure (abs.)	Torr	0.5		7.5		0.5		7.5	
RPM	min. ⁻¹	60 Hz	1750						
Motor power	HP	60 Hz	~3	14.5		19.7			
Sound pressure level	dB(A)	60 Hz	79			80			
Water vapor tolerance	Torr	20							
Water vapor capacity	lb/h	17.6				22			
Total weight/without motor	lbs	60 Hz	~3	741/508		779/493			
Oil charge	qt	10							

Technical data and curves according to Pneurop standard 6602 with gas-ballast valve in

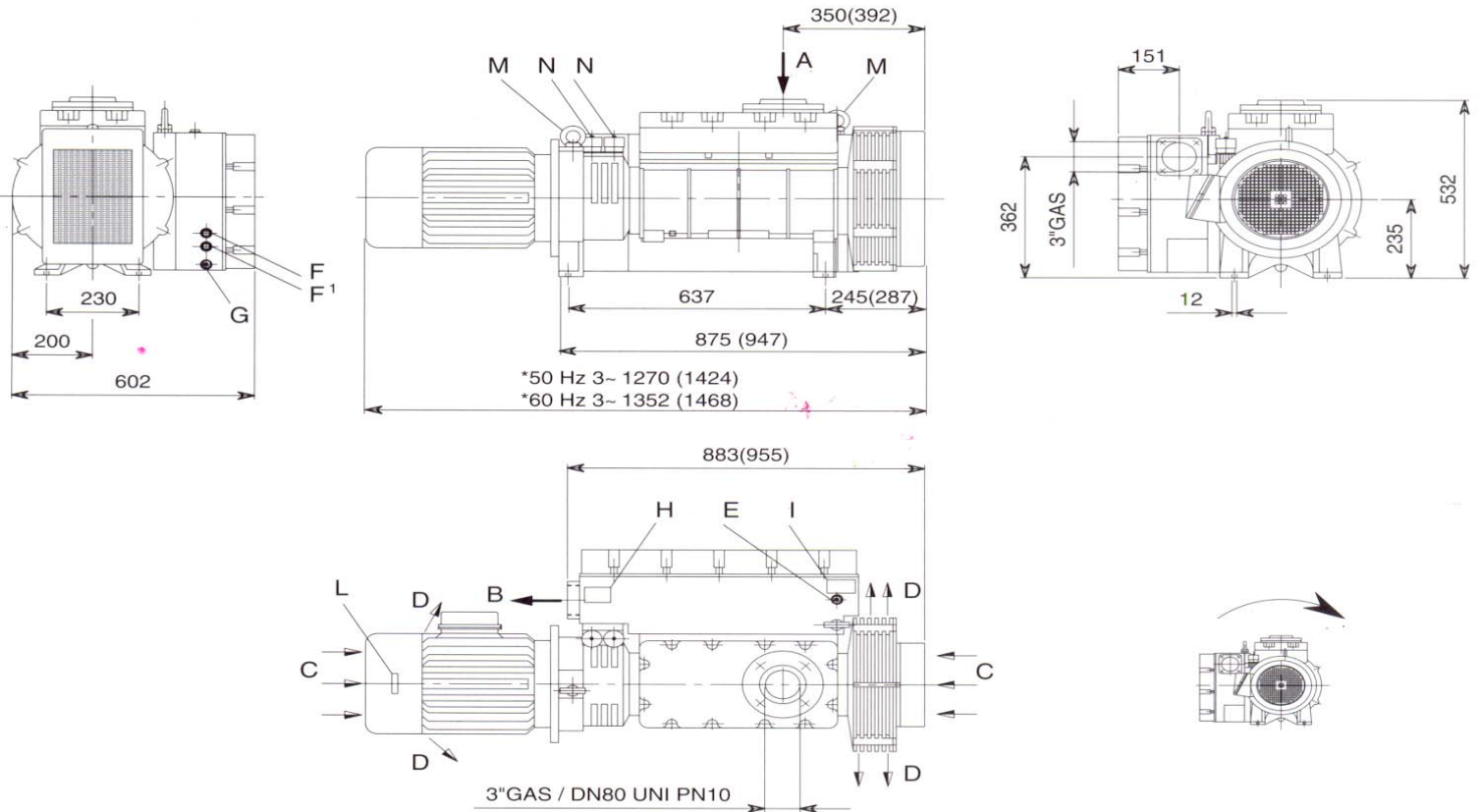


Applications:

Hospital Central Vacuum Systems
Meat Packing
Food Packing
General Packing
Vacuum Filling
CNC Routers

Lab Systems
Vacuum Forming
Vacuum Holddown
Printing
Vacuum Laminations

PVL400 - PVL400/B (PVL540 - PVL540/B)



* Dimensions subject to changes depending on the motor brand

- A Inlet
- B Air outlet
- C Cooling air inlet
- D Cooling air outlet
- E Oil filling plug
- F Max. oil level sight glass
- F¹ Min. oil level sight glass
- G Oil discharge plug
- H Pump name plate
- I Oil plate
- L Rotation plate
- M Lifting eyebolt
- N Gas ballast valve

Our Other Products:

- Liquid Ring Vacuum Pumps:
3 CFM to 10,000 CFM
- Liquid Ring Compressors
up to 100 psig
- Heat Transfer Pumps
for hot thermal oils up to 600 deg. F

Systems:

- Package Vacuum Systems
with Partial or Total Recirculation
- Customer Engineered Vacuum Solutions