



Liquid Ring & Rotary Vane Vacuum Pumps and System

PVL51 - PVL51/B PVL71 - PVL71/B

The pump series:

- PVL51 - PVL71 final vacuum 0.5 Torr (absolute)

-PVL51/B - PVL71/B final vacuum 7.5 Torr (absolute)

have a nominal capacity of 26.5 ACFM and 38 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:

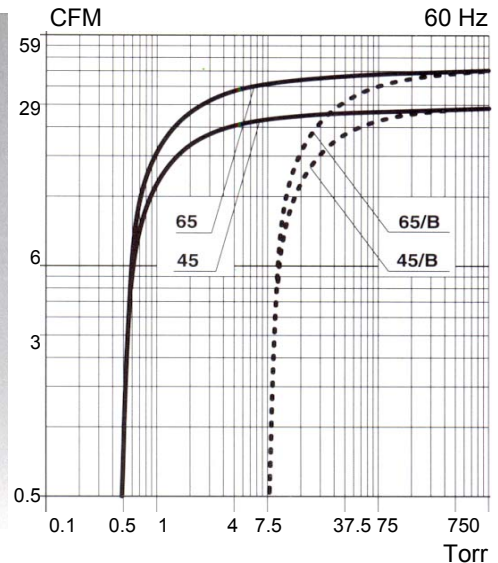
-PVL51 - PVL71 from 0.5 to 300 Torr (absolute)
-PVL51/B - PVL71/B from 7.5 to 650 torr (absolute)

They are complete with:

- inlet mesh filter
- check valve
- gas-ballast valve
- vibration damping feet

		PVL51		PVL51/B		PVL71		PVL71/B	
Nominal Capacity	ACFM	60 Hz	32			46			
Ultimate pressure (abs.)	Torr	0.5		7.5		0.5		7.5	
RPM	min. ⁻¹	60 Hz	1700						
Motor power	HP	60 Hz	~3	2		3			
			~1	2		3			
Sound pressure level	dB(A)	60 Hz	69			70			
Water vapor tolerance	Torr	20							
Water vapor capacity	lb/h	2.2				3.1			
Total weight/without motor	lbs	60 Hz	~3	119/84		143/97			
			~1	123/84		145/97			
Oil charge	qt	2							

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

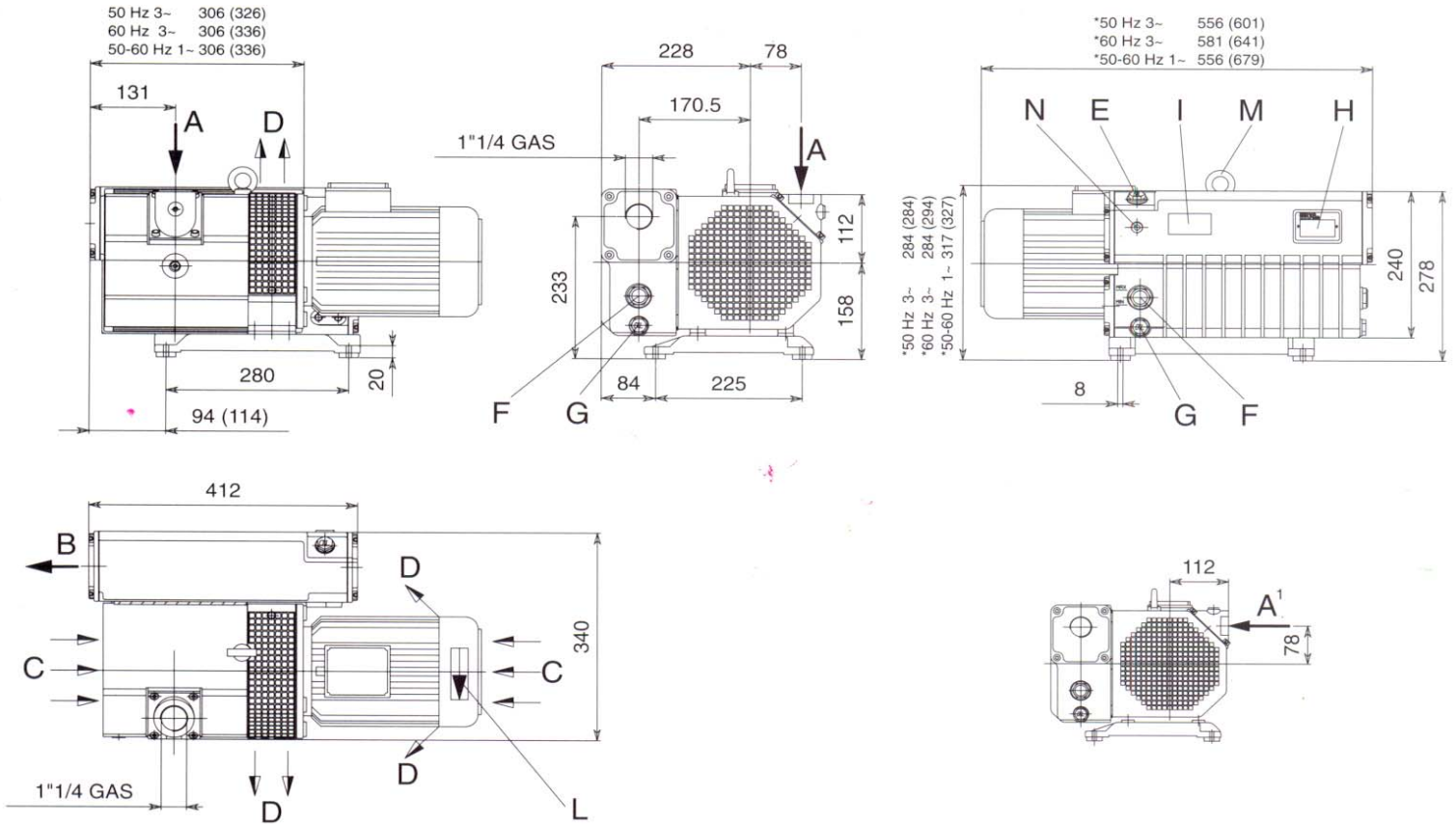


Applications:

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

Lab Systems
Vacuum Forming
Vacuum Holddown
Printing
Vacuum Laminations

PVL51 - PVL51/B (PVL71 - PVL71/B)



* Dimensions subject to changes depending on the motor brand

- A Vertical inlet
- A¹ Horizontal inlet
- B Air outlet
- C Cooling air inlet
- D Cooling air outlet
- E Oil filling plug
- F Oil level control
- G Oil discharge plug
- H Pump name plate
- I Oil plate
- L Rotation plate
- M Lifting eyebolt
- N 1/8" port for pressure gauge

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