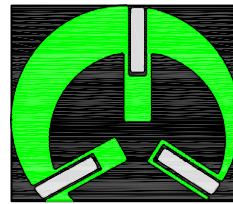


# PVL 400 & 540 Rotary Vane Vacuum Pump

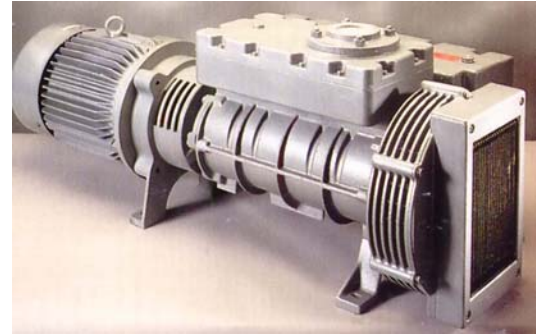


# P.V.R. Rotant

**PRESSURE RANGE :** 0.35 to 760 TORR  
**CAPACITY :** 90 to 340 CFM

**FEATURES :** Single stage rotary vane vacuum pump with air cooled oil automatically re-circulated by means of differential pressure; Non-metallic vanes; Rugged construction; Air cooled with no water required; Built-in oil mist eliminator wick allows pollution-free discharge air.

**OPTIONS :** Bareshaft pump - Couple to electric motor  
**ACCESSORIES :** Non-return valve, Fine inlet mesh filter, Gas-ballast valve.  
(Optional) Vacuum tight inlet filters, vacuum gauge, motor starter.



### PERFORMANCE DATA

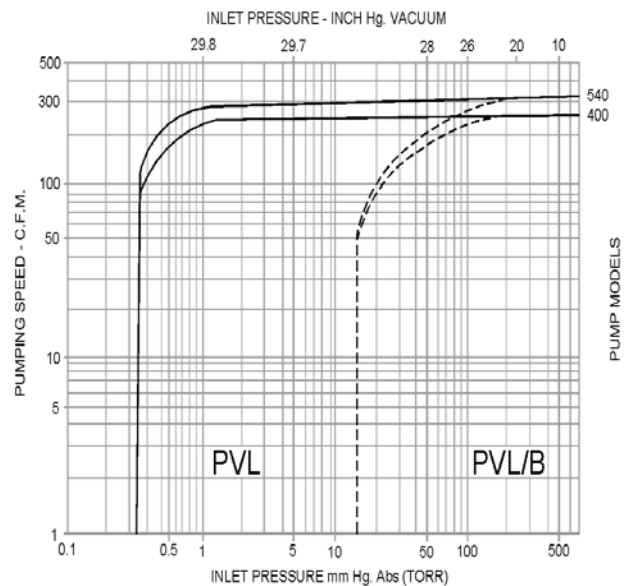
MODEL	INCHES Hg*	-20	-24	-26	-28	-29	-29.7	-29.8
	TORR**	252	150	100	49	23	5	1
PVL 400	ACFM	290	288	287	285	280	272	260
	SCFM	96	58	38	18.5	9	2	0.3
PVL 540	ACFM	340	320	315	309	300	294	292
	SCFM	113	64	42	20	10	2.2	0.4

MODEL	INCHES Hg*	-12	-20	-22	-24	-26	-28	-29
	TORR**	455	252	201	150	100	49	23
PVL/B 400	ACFM	275	270	260	253	244	194	100
	SCFM	164.6	90	68	50	32	13	3
PVL/B 540	ACFM	340	340	316	305	279	250	130
	SCFM	203.5	113	84	60	37	16	4

\*Gauge pressure values    \*\*Absolute pressure values

### TECHNICAL DATA

		PVL 400	PVL/B 400	PVL 540	PVL/B 540
FREE AIR DISPLACEMENT	CFM	285		378	
FINAL VACUUM	INCHES Hg	29.9	29.6	29.9	29.6
	mbar	0.5	10	0.5	10
PUMP SPEED	RPM	1750			
MOTOR HORSEPOWER	HP	15		20	
NOISE LEVEL	dB(A)	80		81	
OIL CAPACITY	Litre	10		10	
WEIGHT without MOTOR	LBS.	508		493	
TOTAL WEIGHT	LBS.	741		779	



- Request information on our engineered vacuum systems
- For further information please consult Premier Fluid Systems Inc.



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