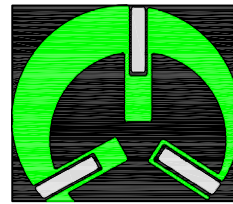


PVL 25 & 35 Rotary Vane Vacuum Pump



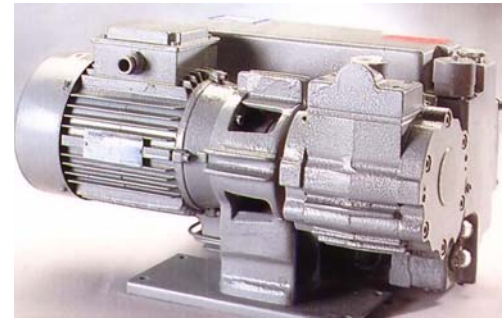
P.V.R. Rotant

PRESSURE RANGE : 0.35 to 760 TORR
CAPACITY : 5 to 25 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 which 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

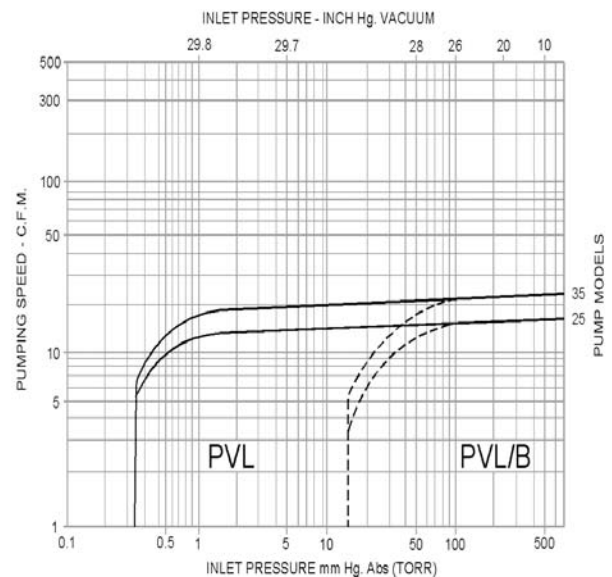
MODEL	INCHES Hg*	-20	-24	-26	-28	-29	-29.7	-29.8
	TORR**	252	150	100	49	23	5	1
PVL 25	ACFM	17.0	16.8	16.5	15.8	15.0	14.0	13.0
	SCFM	5.6	3.6	2.3	1.1	0.5	0.15	0.01
PVL 35	ACFM	23.0	22.0	21.5	21.0	20.5	20.0	18.0
	SCFM	8.0	4.5	3.0	1.4	0.7	0.15	0.02

MODEL	INCHES Hg*	-12	-20	-22	-24	-26	-28	-29
	TORR**	455	252	201	150	100	49	23
PVL/B 25	ACFM	17.0	16.9	16.3	15.4	15.0	12.0	5.8
	SCFM	10.1	5.6	4.3	3.0	1.9	0.5	0.2
PVL/B 35	ACFM	22.5	22.0	21.0	20.3	19.0	15.0	8.0
	SCFM	13.4	7.2	6.0	4.0	2.5	1	0.3

*Gauge pressure values **Absolute pressure values

TECHNICAL DATA

		PVL 25	PVL/B 25	PVL 35	PVL/B 35
FREE AIR DISPLACEMENT	CFM	17		25	
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	1		1 1/4	
NOISE LEVEL	dB(A)	68		69	
OIL CAPACITY	Litre	1 1/2		1 1/2	
WEIGHT without MOTOR	LBS.	62		62	
TOTAL WEIGHT	LBS.	84		88	



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



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