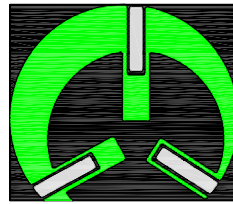


PVL 100 & 150 Rotary Vane Vacuum Pump

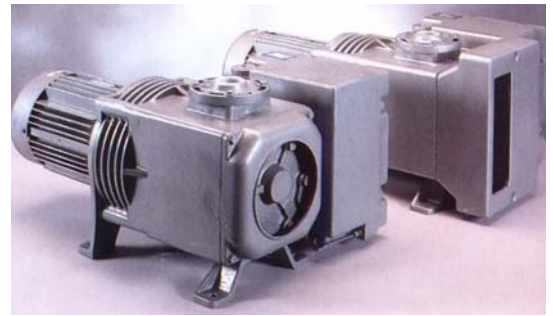


P.V.R. Rotant

PRESSURE RANGE : 0.35 to 760 TORR
CAPACITY : 18 to 100 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

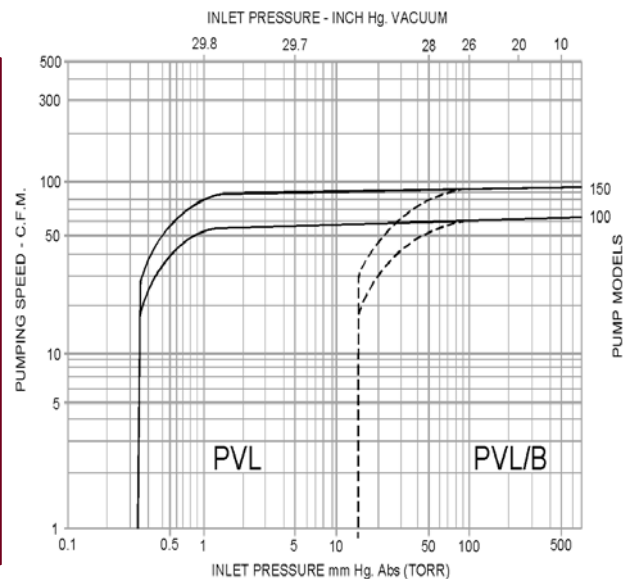
MODEL	INCHES Hg*	-20	-24	-26	-28	-29	-29.7	-29.8
	TORR**	252	150	100	49	23	5	1
PVL 100	ACFM	65	62	61	59	58	53	52
	SCFM	21.5	12.2	8	3.8	1.8	0.5	0.06
PVL 150	ACFM	100	98	95	92	90	88	84
	SCFM	34	20	13	6.5	3	0.7	0.1

MODEL	INCHES Hg*	-12	-20	-22	-24	-26	-28	-29
	TORR**	455	252	201	150	100	49	23
PVL/B 100	ACFM	66	64	60	58	53	43	23
	SCFM	39.5	21	16	11	7	2.8	0.7
PVL/B 150	ACFM	99	98	94	92	87	65	40
	SCFM	59.2	32	25	18	11	4	1.2

*Gauge pressure values **Absolute pressure values

TECHNICAL DATA

		PVL 100	PVL/B 100	PVL 150	PVL/B 150
FREE AIR DISPLACEMENT	CFM	75		103	
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	4		5	
NOISE LEVEL	dB(A)	71		73	
OIL CAPACITY	Litre	2½		2½	
WEIGHT without MOTOR	LBS.	143		156	
TOTAL WEIGHT	LBS.	198		229	



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



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