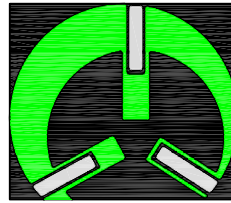


# EU 650H Rotary Vane Vacuum Pump



# P.V.R. Rotant

**PRESSURE RANGE :** 0.07 to 760 TORR  
**CAPACITY :** 158 to 415 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*	-22	-24	-27	-28.5	-29.8	-29.9	-29.9
	TORR**	203	150	75	37.5	3.75	0.75	0.15
EU 650 H W/O BALLAST VALVE	ACFM	417	417	411	406	400	359	200
	SCFM	111	82.3	40.6	20	1.97	0.35	0.04

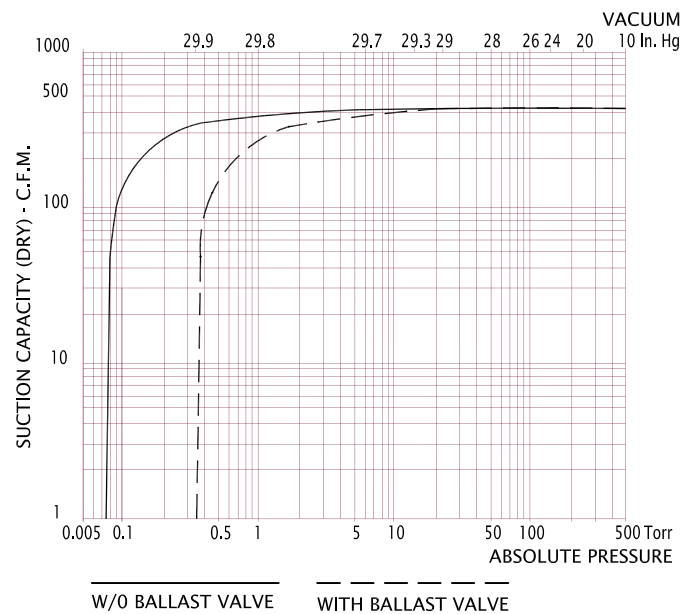
MODEL	INCHES Hg*	-20	-22	-24	-27	-28.5	-29.8	-29.9
	TORR**	252	203	150	75	37.5	3.75	0.7
EU 650 H WITH BALLAST VALVE	ACFM	417	417	417	411	400	359	200
	SCFM	138	111	82.3	40.6	19.7	1.77	0.18

\*Gauge pressure values

\*\*Absolute pressure values

## TECHNICAL DATA

		W. VALVE	W/O VALVE
FREE AIR DISPLACEMENT	CFM	465	
FINAL VACUUM	INCHES Hg	29.90	29.91
	TORR	0.07	0.25
PUMP SPEED	RPM	1200	
MOTOR HORSEPOWER	HP	25	
NOISE LEVEL	dB(A)	79	
OIL CAPACITY	Litre	22	
WEIGHT without MOTOR	LBS.	826	
TOTAL WEIGHT	LBS.	1,346	



- Comply to PNEUROP 6602 standards.
- Data valid for inlet temperature up to 40°C and elevation up to 1000 m
- Request information on our engineered vacuum systems
- For further information please consult Premier Fluid Systems Inc.



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