



Our Other Products

- Liquid Ring Vacuum Pumps:
 - Liquid Ring Compressors
 - Heat Transfer Pumps for hot thermal oils up to 600°F (320°C)

Systems

Standard Packaged Vacuum Systems with Partial or Total Recirculation

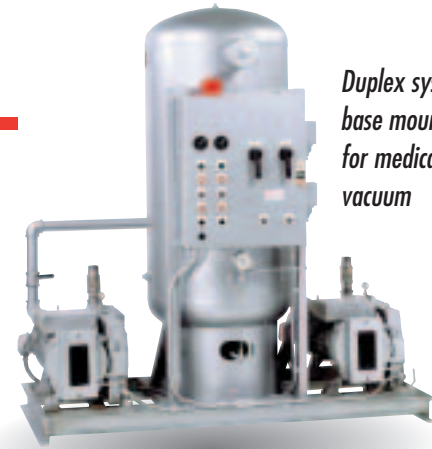
Customer Designed Vacuum Solutions

Custom Vacuum Solutions

For additional information
 200 Newsome Drive
 Yorktown, VA 23692
 Tel: 800-535-4243
 757-988-3930
 Fax: 757-988-3975
 www.travaini.com

Optional Accessories Available

- Inlet filters, to protect pump from solids carry-over
- Inlet Knock-out Separator, to protect pump from liquid carry-over
- Vacuum regulation valves
- Vacuum measuring and control devices
- Motor starters



Duplex system base mounted for medical vacuum

Systems

We offer a complete range of standard factory engineered systems, either tank mounted, stack mounted or base mounted in multiple pump configurations, including systems built to NFPA 99 specifications for medical vacuum, including laboratory. Custom designed solutions can be facilitated by our application's expert. Travaini's vacuum systems are designed and built at our Yorktown, Virginia, facility.

Technical Support

Travaini technical support offers you a wealth of experience in the application of vacuum technology. Our staff is versed in vacuum theory as well as in-the-field application know-how. We invite you to draw on this experience in order to help you select a vacuum pump suitable for your particular application.

Parts Inventory

In case of problems or an emergency breakdown, it is absolutely essential that replacement parts or a replacement pump can be shipped at a moment's notice. It is our philosophy to provide our customers with exactly this kind of service, offering you same day shipment of replacement parts or complete pumps.

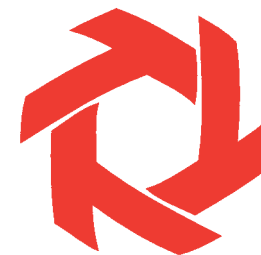
Service

Service begins immediately with our experienced technical staff and service organization nationwide. Service and parts are available at a moments notice.

For further details visit our website at

www.travaini.com

Rotary Vane Vacuum Pumps & Systems



TRAVAINI PUMPS USA

Liquid Ring & Rotary Vane Vacuum Pumps and Systems



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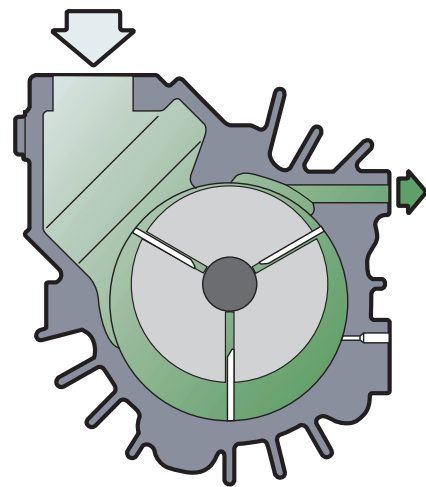
TRAVAINI PUMPS USA

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PVL Series Rotary Vane Vacuum Pumps & Systems



Rotary Vane "Proven Design"

The PVL Series Rotary Vane vacuum pumps are a superior and well "Proven Design". Air cooled and direct coupled monoblock design offers one of the industries most reliable choices in rotary vane vacuum pumps.

Two types are available, the PVL/B series for medium vacuum applications down to 15 torr (29.3" hg) and the PVL series for higher vacuum applications down to 0.5 torr (29.9" hg). Both types are available in 13 different sizes, capacities range from 8-716 cfm.

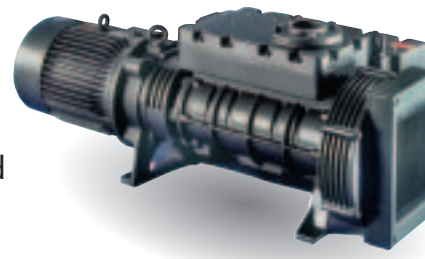
The rugged construction and superior performance of these units makes them the preferred choice for a wide variety of applications.

The PVL series vacuum pumps have years of proven service in a wide field of industrial applications such as vacuum packing of meat, cheese and other food products, central vacuum systems in hospitals, electronics, printing, paper converting, vacuum thermo-forming, automotive, pharmaceuticals, etc. The PVL series also has a proven field service in the recovery of chlorinated solvents using special lubricants.

Travaini products are backed by excellent application engineering and reliable customer service. Our extensive experience and wide product range assures our customers that the right type of vacuum pump will be recommended for the application.

Features and Benefits

- High pumping capacity over the full vacuum range
- Conservative speeds. All models operate at 1200 & 1800rpm
- Compact design, yet easy to service
- Air-cooled-no cooling water required
- Quiet operation. Units operate within a sound level range of 67-81 dBA depending on pump size
- Effective oil mist elimination on discharge, exhaust air is 99.9% oil free
- Built-in inlet filters on larger models, optional filters available on smaller models
- Built-in non-return check valve, isolates system when pump is stopped
- Built-in gas ballast valve, permits pumping of water vapor
- Direct drive, monoblock design
- Simple installation
- Ease of service
- Available 230 & 460 volt. Consult factory for other voltages



Air cooled compact design, ideal for OEM applications

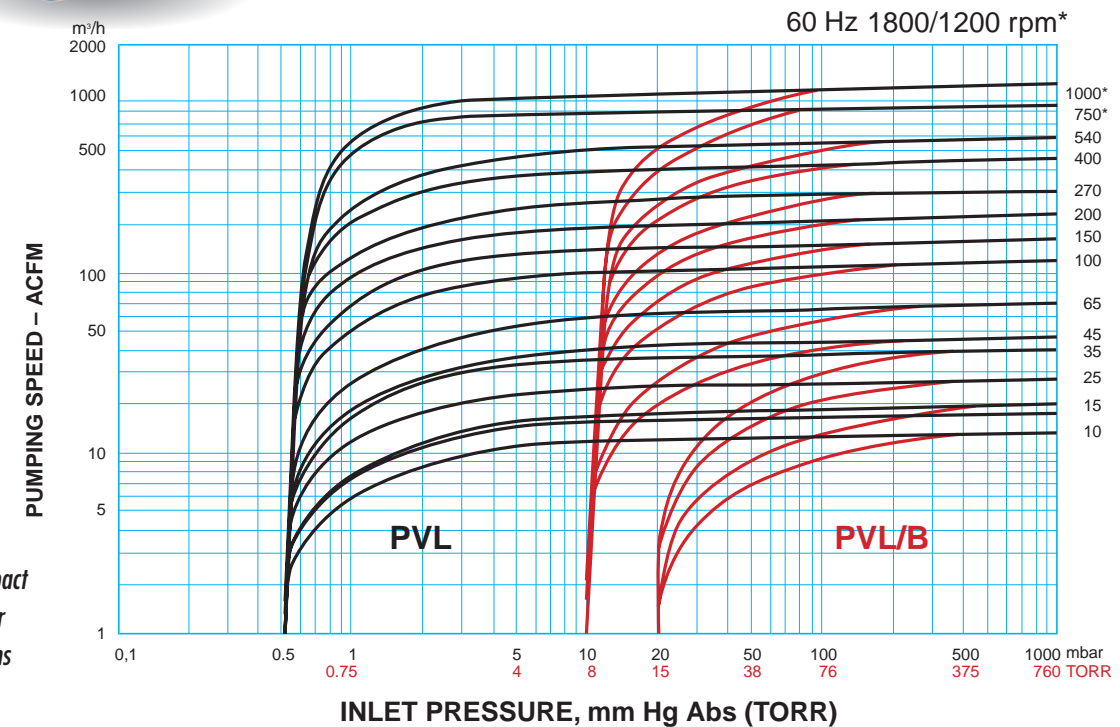


Duplex system tank mounted



Duplex system stack mounted to NFPA 99 Specifications

PERFORMANCE CURVES



TECHNICAL DATA

PUMP MODEL (PVL)	NEW* NEW*													
	10	15	35	51	71	100	150	200	270	400	540	750	1000	
DISPLACEMENT, FREE AIR	CFM	8.5	12	25	38	50	75	103	141	189	285	378	540	716
	m ³ /h	14	20	42	65	85	128	175	240	322	484	643	918	1216
ULTIMATE PRESSURE, TORR	PVL	0.5												
	PVL/B	15												
NOISE LEVEL	db(A)	67	70	69	70	70	71	73	76	77	80	81	81	81
MOTOR	HP	3/4	1	1.5	2	3	5	5	7.5	10	15	20	30	40
	RPM	1750												
OIL CAPACITY	Qt	1.1	1.6	2.1	2.6	5.3	10.6	26	26					
	Ltr	1	1.6	2	2.5	5	10	25	25					
LENGTH	INCH	16.4	18.0	22.1	24.3	24.3	35.2	35.2	40.7	41.2	59.6	56.7	67	70
	MM	416	456	560	617	617	894	894	1034	1046	1513	1440	1695	1770
WIDTH	INCH	10.2	10.2	11.5	12.9	12.9	17.3	17.3	17.9	17.9	23.7	23.7	37.0	37.0
	MM	260	260	296	329	329	440	440	454	454	602	602	942	942
HEIGHT	INCH	7.3	7.3	10.1	11.0	11.0	13.4	13.4	18.1	18.1	21.1	21.1	26.0	26.0
	MM	186	186	257	279	279	341	341	461	461	535	535	659	659
WEIGHT	LBS	65	80	100	140	140	260	260	435	435	685	730	1750	2035
	Kg	29.3	36.0	4.0	63.0	63.0	117	117	195.8	195.8	308.3	328.5	795.0	925.0
CONNECTIONS	IN & OUT	1/2"	3/4"	1 1/4"	1 1/2"	2"	3"	4"	4"					