

PNEUMOFORE OIL-LESS ROTARY VANE PUMPS

BENEFITS AND FEATURES

- DIRECT DRIVEN AT MOTOR SPEED
- COMPACT FOR EASY INSTALLATION
- AIR COOLED WITH INTEGRAL COOLING FAN
- LOW NOISE LEVELS
- FREE AIR CAPACITIES TO APPROX. 97 CFM
- VACUUM LEVELS TO APPROX. 25" HG
- CSA OR ULC CERTIFIED MOTORS

CONSTRUCTION FEATURES

- CARBON VANES
- CAST IRON STATOR AND ROTOR
- MODELS UP TO AND INCLUDING UVD40 ARE MONOBLOCK DESIGN
- MODELS UVD60 THROUGH UVD140 ARE CLOSED COUPLED WITH FLEXIBLE COUPLING
- ALL MODELS INCLUDE AIR INTAKE FILTER WITH REPLACEABLE PAPER CARTRIDGE
- SHAFT DRIVEN COOLING FANS PROVIDE HIGH COOLING AIR FLOW

APPLICATIONS

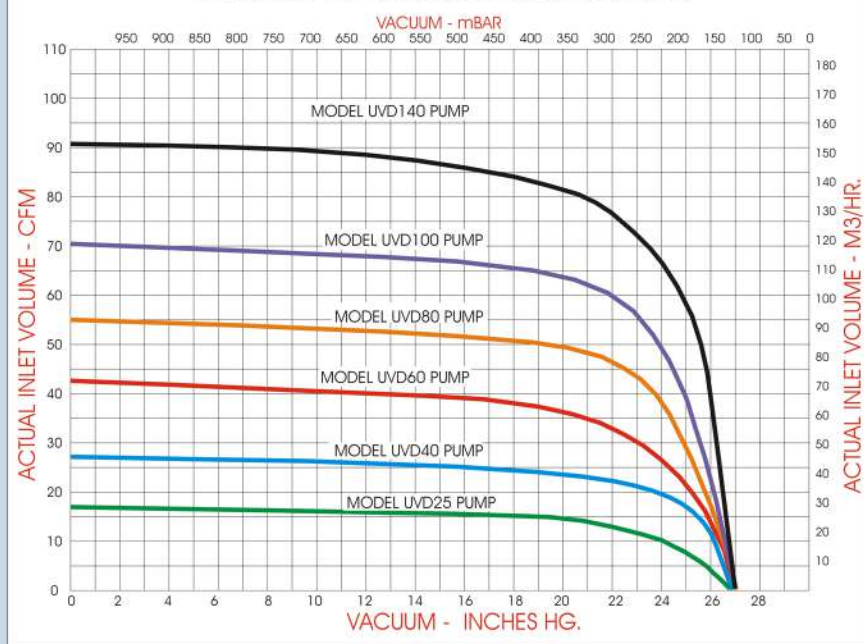
- FOOD PROCESSING AND PACKAGING
- PRINTING AND PAPER INDUSTRIES
- GAS COLLECTION
- VACUUM LIFTING DEVICES
- LABORATORIES
- ELECTRO-MEDICAL ASPIRATORS
- CHEMICAL TANK AGITATION
- PUMP PRIMING
- MEDICAL VACUUM SYSTEMS



PUMP SPECIFICATIONS AND CAPACITIES (60 HERTZ OPERATION)

MODEL	H.P / kW		FREE AIR CAP. CFM	MAX VAC. IN. HG	MAX PRES PSIG	CONN. SIZE - NPT	WEIGHT LBS / KG
	VACUUM	PRESSURE					
UVD10	.6 / .45	.6 / .45	7	26	8.7	½"	31 / 14
UVD16	.9 / .66	.9 / .66	11	26	8.7	½"	60.4 / 27.5
UVD25	1.2 / .9	1.2 / .9	17	26	8.7	¾"	62.7 / 28.5
UVD40	2.4 / 1.8	2.4 / 1.8	27	26	11.6	1"	82.5 / 37.5
UVD60	2.4 / 1.8	3.6 / 2.7	43	26	11.6	1"	161 / 73
UVD80	3.6 / 2.7	4.8 / 3.6	55	26	7.25	1"	170 / 77
UVD100	4.8 / 3.6	6.5 / 4.8	70	26	14.5	1-1/2"	217 / 98.5
UVD140	6.5 / 4.8	8.4 / 6.2	91	26	8.7	1-1/2"	226 / 102.5

CAPACITIES - UVD PUMPS @ 60 HERTZ OPERATION



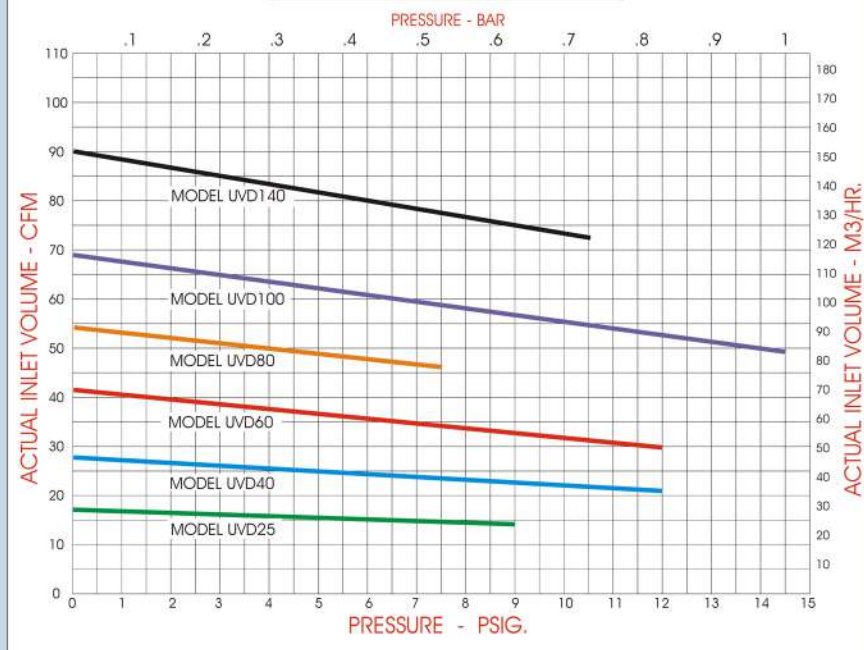
PUMP APPLICATION

Pump application must be specified at time of ordering. For pressure applications, a pressure relief valve must be ordered as optional equipment to prevent pump over temperature condition, and motor overload. The system should also include a discharge check valve to prevent backflow when the pump is shut off. For vacuum applications a vacuum relief valve should be installed on the inlet side of the pump to prevent the pump from operating at excessively high levels and over-temperature.

COMPLETE SYSTEMS

APPL will assemble complete systems suited to your application with single or multiple pumps. Systems may include vacuum receivers with all necessary plumbing components, plus a control panel for automatic or manual operation of the pump(s).

PRESSURE APPLICATION CAPACITIES
UVD PUMPS @ 60 HERTZ OPERATION



Note - Capacities for UVD60, 80, 100 & 140 are based on 1750 RPM motor speed.

