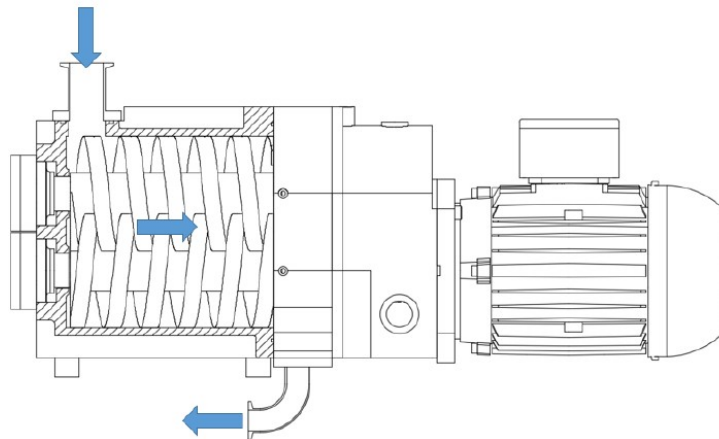
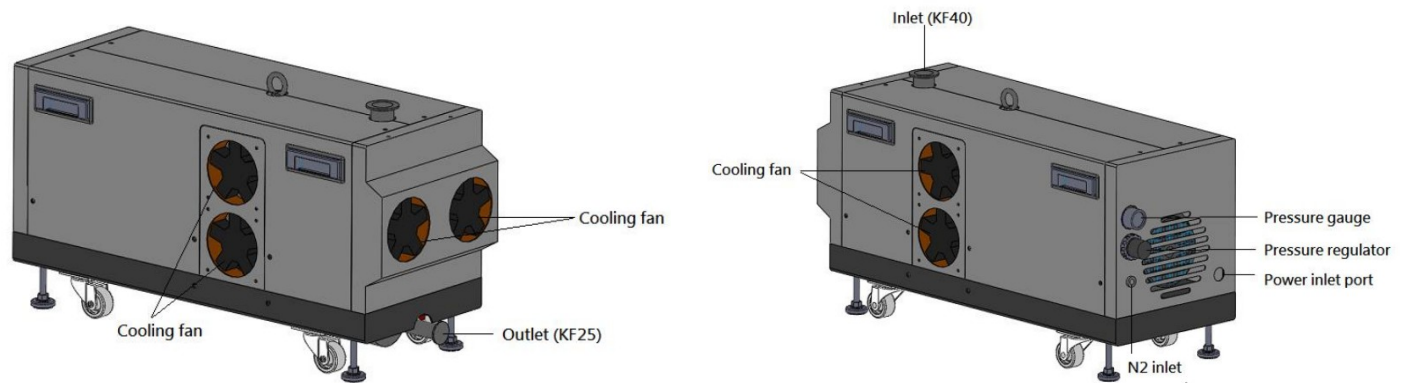


Vacuum Pumps America Inc.

VPA-ASP506 Air Cooled Dry Screw Vacuum Pump



Features of VPA-ASP506 Air Cooled Dry Screw Vacuum Pump:

- Air cooled design. No need for water cooling, heat exchanger or any other cooling liquid.
- Small and compact design, Corrosion Proof, Rugged and Robust.
- Capable of handling all types of Corrosive Gases, Organic Vapors, Organic Solvents, Oxygen and Ozone. Suitable for creating clean vacuum and oil free clean vacuum.
- All wetted material including Vacuum Pump Housing and Screw Rotors are TEFLON Coated.
- Capable of handling all types of gases in any application ideal for: Pharmaceutical Industries, Food Processing Plants, Particle accelerators, Semiconductor Industries, Strilization, etc....
- Small foot print, compact design and proven quality.
- Low noise and vibration due to completely balanced screws.
- No use of Oil or Water as pumping medium, low operation costs and low cost of ownership.
- No oil back migration and no oil back streaming.
- Advanced design for Screw Rotors doesn't let the bearings and seals come in contact with gases, vapors and even liquids.
- Gravity drain for liquids and condensations through the exhaust silencer and trap.
- High Performance and High Efficiency.
- Short gas path through the pump makes quick gas discharge.
- Easy on-site maintenance and cleaning.
- VPA-ASP506 Dry Screw Vacuum Pump is available with 230/380V, 50Hz CE approved motor.
- VPA-ASP506 are Air Cooled Dry Screw Vacuum Pump and can handle all types of Corrosive gases, Petrochemical vapors, Organic Solvents and Biologic vapors.

e-mail: sales@vpamerica.com , Phone: 416-407-0350

Specifications of VPA-ASP506 Air Cooled Dry Screw Vacuum Pump:

Model	Pumping Speed		Ultimate Pressure (Torr)	Power (kW)	Motor Rotational Speed (min ⁻¹)	Inlet	Outlet	Nitrogen Purge Pressure (psig)	Oil Capacity (L)	Estimated Weight (kg)
	L/min	m ³ /h								
VPA-ASP506	@ 50Hz 700 42 25	@ 60Hz 833 50 30	7.5 x 10 ⁻³	2.2	3600	KF40	KF25	7.25 to 29	0.25	110

*Operating Temperature: 5°C to 30°C

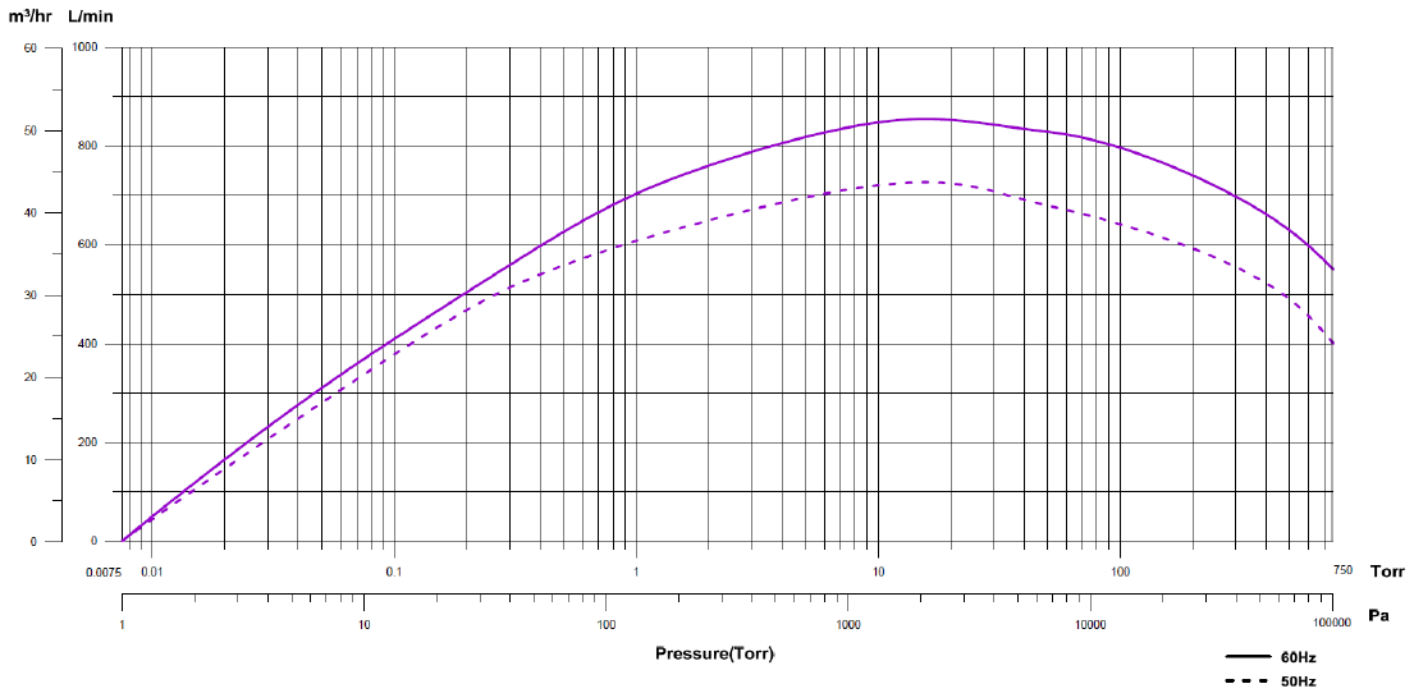
**Specifications are subjected to change without notice to improve product quality.

*** To convert m³/h to CFM, divide by 1.69, Example: 100 m³/h ÷ 1.69= 72CFM

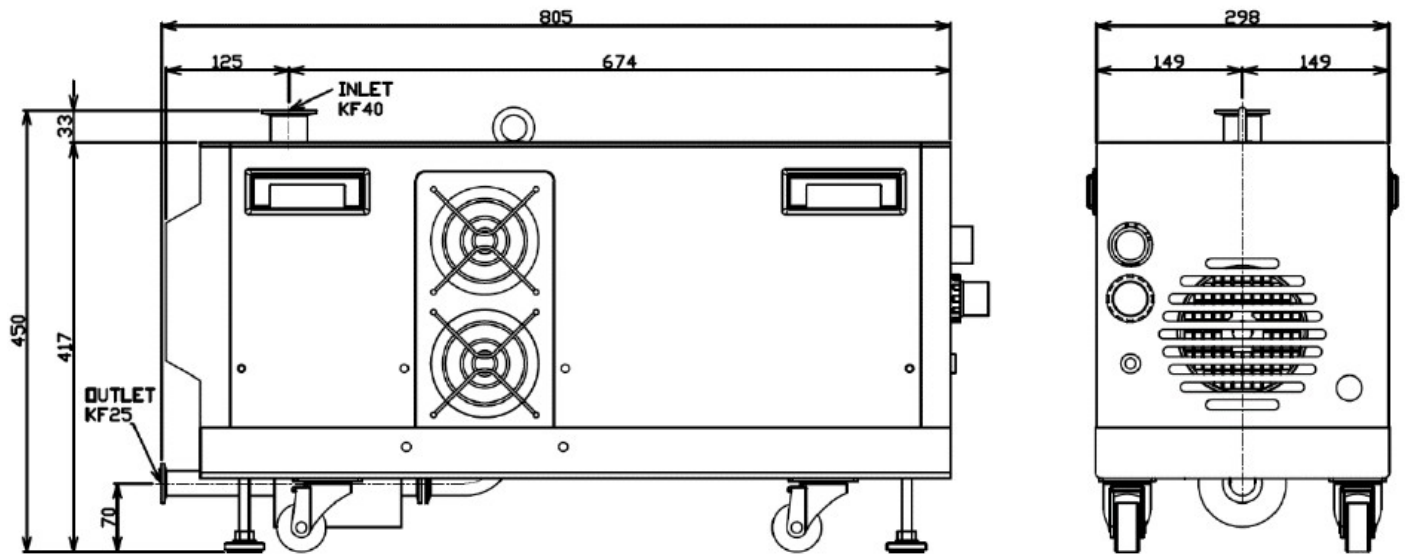
Applications of VPA-ASP506 Air Cooled Dry Screw Vacuum Pump:

Autoclaves	Forming	Packaging
Automotive	Food Processing	PET Processing
Backing pump for high vacuum pumps	Food Industry	Pharmaceutical Processes
Backing pump for Turbopumps	Fermentation	Physical Vapour Deposition PVD
Brake Fluid Filling Systems	Freeze Drying	PVD Coating Systems
Brazing	Heat Treatment	Physics Laboratories
Casting	Heat Exchanger Drying in Power Plants	Potting
CANDU Reactors	Hazardous Area	Research & Development
Chemical Distillation	Impregnating	Refineries
Chemical Processing	Investment Casting	Roll Coating
Chemical Laboratories	Impregnation	Semiconductor Industries
Chemical Vapor Deposition	Isotope Separation	Semiconductors
CVD Coating Systems	Laboratory	Silicon Crystal Growing
Corrosive Gases	Leak Detection of dry systems	Sintering
Central Vacuum Systems	Light Bulb Manufacturing	Space Simulation
Debinderization	Liquid Gas Storage	Solvent Recovery
Degassers	Lyophilizers	Solvent handling
Degassing	Metallurgy	Sterilization
Drying	Metals Processing	Transformer Drying
Freeze Drying	Oil Degassers	Vacuum Coating
Etching	Oxygen pumping	Vacuum Furnaces
Etchers and Dry Etchers	Ozone pumping	Vacuum Heat Treating
Evacuating of Refrigeration Systems	Nuclear Waste Management	Vacuum Melting
Evacuation of Process chambers	Nuclear Reactors	Vacuum Metalizing
		Vacuum Packaging
		Vacuum Metallurgy
		e-mail: sales@vpamerica.com,
		Phone: 416-407-0350

Performance curves for VPA-ASP506 Air Cooled Dry Screw Vacuum Pump:



Dimensions for VPA-ASP506 Air Cooled Dry Screw Vacuum Pump



All dimensions are in mm.

For more information, please e-mail: sales@vpamerica.com or Phone: 416-407-0350