Process Solutions International™

No matter the processing problem, PSI has the solution.

vAK Vacuum Degassers

The vAK family of Degassers are rugged vacuum units designed to safely and efficiently remove 99.9% of entrained air and gasses such as methane, H2S and CO2 from drilling fluids. Designed for the rigors of field use, the units features a 5 hp, 50 or 60 Hz industrial-grade TEXP motor rated for continuous operation, which powers the vacuum pump. A push-button starter gives operators fingertip control. This self-contained, skid mounted unit supplies up to 29" Hg of vacuum to efficiently handle high-viscosity fluids.

VAK500 VAK1000 VAK1200

MADE IN U.S.A HOUSTON, TEXAS

Key Benefits -

- Designed to safely and efficiently remove 99.9% of entrained air and gasses
- Designed for the rigors of field use, the unit features a 5 hp, 50 or 60 Hz industrial-grade motor
- A TEXP motor rated for continuous operation
- Efficiently handle high-viscosity fluids up to 29" Hg of vacuum

The vAK1000 features a heavy duty starter complete with weatherproof push-button start / stop control panel.

Innovative separating baffles are made of corrugated fiberglass infused with epoxy for long life. An access plate allows easy maintenance of the baffle and float assemblies.

Problem Solving -

The vAK1000 works with your system to deliver clean, predictable drilling fluids that streamline operations, reduce down time and extend equipment life. Degassing improves workplace safety by minimizing the possibility of an explosive blowout. And it helps you manage gas by products in conformance with environmental standards and regulations.

For more information on our products, Please contact us at 7519 Prairie Oak Drive Houston, TX 77086
Local 281-893-4774 | (866) 866-4PSI (4774) | Fax 281-893-1027 www.PSIMAX2000.com

vAK Vacuum Degassers

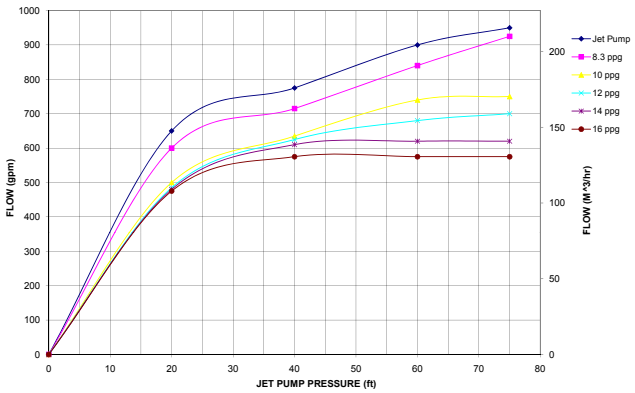
Features and Performance Charts

vAK1000 vAK1200 Vacuum Degassers

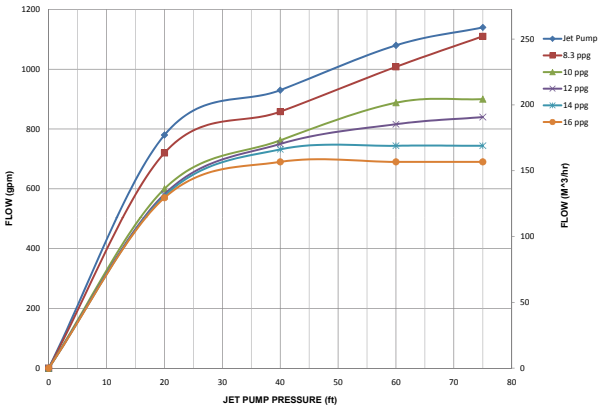
Features -

- TEXP 5 hp motor with starter and fan guard
- 4600 or 5,200 IN2 baffle surface area
- Up to 29" Hg performance for viscous fluids
- Fail-safe overflow valve
- Low-maintenance float assembly
- Easy access to baffles and float switch
- Skid mounted, self-contained unit
- Minimum moving parts for reliable operation
- 4000 lb. dry weight

vAK1000 Performance Curve



vAK1200 PERFORMANCE CURVE



vAK500 PERFORMANCE CURVE

For more information about how PSI can create a customized Degasser system that is tailored to your needs -

Call 866-866-4PSI

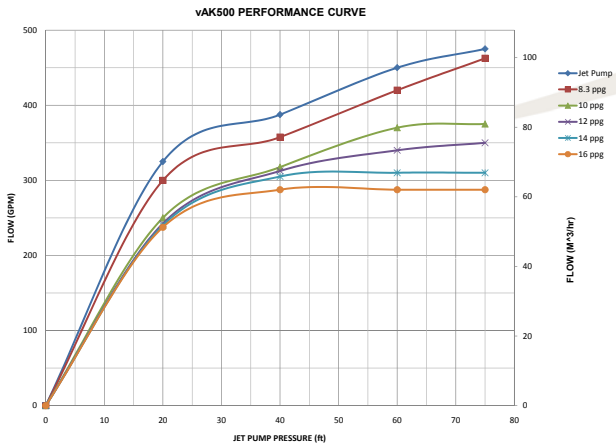
MADE IN U.S.A HOUSTON, TEXAS

VAK500

Vacuum Degasser

Features-

- TEXP 5 hp motor with starter and fan guard
- Up to 29" Hg performance for viscous fluids
- 5,200 IN2 baffle surface area
- Fail-safe overflow valve
- Low-maintenance float assembly
- Easy access to baffles and float switch
- Skid mounted, self-contained unit
- Minimum moving parts for reliable operation
- 2425 lb. dry weight



PSI vAK Degassers operate on the 'thin strata principle' in which a thin layer of drilling fluid is forced over seven baffle plates arranged to maximize surface area and vacuum exposure. Vacuum is applied to the mud as it flows across the baffles. These forces combine to 'break out' 99.9% of entrained gasses. Degassed mud is passed on to downstream handling equipment while waste gas is routed from the rig to be flared or captured by environmental control equipment.

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Download our full line of
INSTALLATION, OPERATION, & MAINTENANCE MANUALS
at ***www.psimax2000.com***

MAX2000®
The Exclusive Line of PSI

In short, the PSI vAK Degassers works with your system to deliver clean, predictable drilling fluids that streamline operations, reduce down time and extend equipment life. Degassing improves workplace safety by minimizing the possibility of an explosive blowout. And it helps you manage gas by products in conformance with environmental standards and regulations.