

PSI Process & Equipment



Pumping Services, Inc.
An Employee Owned Company

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PSI Newsletter

ISSUE HIGHLIGHTS

Flygt Xylem
DBS – Dri-Prime®
Backup System

WEFTEC 2012
New Orleans LA

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Dear Readers.

Pump Station operators are faced with challenges every day. However when the problem is a lightning strike, or the pump control panel is damaged, or the main sewage pumps level control system has failed, or the pumps are out for repair, the traditional back up generator alone will not be sufficient in any of these these scenarios.

We have a solution now you can substitute the generator the automatic transfer switch and associated electrical equipment with a Flygt Xylem DBS Dri-Prime® back-up pump system. Back-up pumping instead of back-up power offers several operational advantages. The backup system has been installed at hundreds of pump stations with an exceptional performance record. The DBS Dri-Prime® is an automatic self priming pump with it's own power unit similar in size to the replaced generator, and fueled by either diesel, natural gas, or propane fuel.

Flygt DBS Dri-Prime® Backup System - Back-up pumping instead of back-up power



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Spotlight on

Flygt DBS – Dri-Prime® Backup System Pump station stand-by pumping and power in one package

The Flygt DBS Dri-Prime® standby system provides backup pumping capacity separate from electrical power. The sound attenuated unit is sized for 100% pump station redundancy to meet peak flow and head. Automatic priming is without operator assistance. The DBS now incorporates the Flygt N-Pump solids handling impeller option for maximum solids handling capability and sustained hydraulic efficiency.

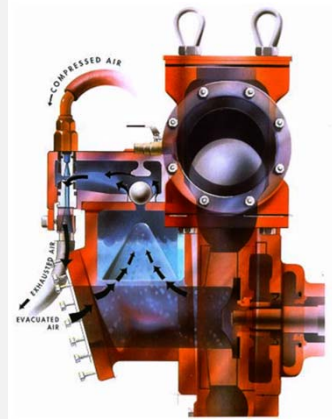


Flygt DBS – Dri-Prime® Backup System Sound attenuation enclosures 69 dB @ 30-ft

Our differentiation is a less complex installation that can easily be accomplished as a retrofit. Installed cost is similar to that of a generator. The DBS is built for automatic, and continuous reliable operation. The DBS includes the N-Hydraulics for several of the product sizes. Units are complete with level control cold pack heat traced piping, engine block heater, battery trickle charger, and a lockable sound enclosure which is rated 69 dB @ 30-ft. The DBS Dri-Prime® Backup System Prime Guard Controller Basic throttles engine speed in response to transducer signals. It tracks oil and filter usage, alerts when change is required and maintains event history of up to 32 alarms. The purchase and installation costs are less than or equal to that of generator/switch gear. The Flygt DBS Dri-Prime® system allows for backup pumping for efficient preventative maintenance of the main pumps. There is no required annual load testing as with a generator and includes a UL listed fuel tank.

This backup pumping technology is proven by hundreds of Flygt DBS units installed and operating around the USA for many years. With improved reliability the Flygt DBS provides increased flexibility for emergency and backup pumping capacity during power outages. The Flygt DBS system costs are comparable or less than stand-by generators. PSI are the authorized Flygt DBS distributors and service center for Northern and Central New Jersey.

Flygt DBS Dri-Prime® is fully automatic self-priming, and can handle air/liquid mixtures with rapid priming. Maintenance can be done in the field by one person. The self-priming system works when compressed air is blown through a jet into a tapered tube to create a vacuum. The air in the pump casing and suction line is drawn in with the compressed air and exhausted to atmosphere.



New Orleans and WEFTEC Are Awaiting Your arrival

This year WEFTEC 2012 is being held at the New Orleans Morial Convention Center in New Orleans, Louisiana from October 1st through October 3rd. PSI has a team of 10+ persons from our management and sales team attending again this year and has over 25 manufacturing principals exhibiting at the conference. Call us to make you an appointment to meet with the manufacturers

ASA Analytics	1318 C	ICS Healy-Ruff	4605 F
AWI	1853 C	In-Pipe	4337 F
AWT	4271 F	MJK, Xylem	7629 I
BIOWORKS	4271 F	Monroe	4759 F
CSI Controls	3207 E	NOV Monoflo	5847 G
Danfoss	2545 D	NOVA Water	3201 E
ETS	427 B1	Oldcastle	7847 I
Filtronics	2665 D	Philadelphia Mix	2717 D
Godwin DBS	6239 H	Thermo	1804 C
Grundfos	3027 D	Verder	6529 H
Headworks	2937 D	WTP Equipment	2810 D
HMT Inc.	1136 B	Xylem Flygt	6239 H
Howden Water	5247 G		

**Call the PSI Process and Equipment/
Pumping Services, Inc. team for your
manufacturer appointments at WEFTEC**