



POSEIDON
PAK

Packaged Equipment for Professionals
PLUMBING • HVAC • MUNICIPAL • INDUSTRIAL

CUSTOMIZED BOOSTER PACKAGES WITH PERSONAL SERVICE.

Choose the flow range, configuration, and pump options you need.

BETTER RESULTS FOR ANY APPLICATION

Custom Design at Standard Pricing

- Integrates with all new or existing systems.
- One-on-one consulting.
- Custom design for high performance, smaller systems, or boosting on a budget.
- Flexibility to meet any need, including:
 - Simplex, duplex, or up to six pumps
 - Flow ranges customized for any capacity
 - Headers/Manifolds from 3" to 10"
 - All stainless steel or elastomer parts
 - Optional control panels with a variety of features available:
 - **BACnet ready**
 - **Monitoring software**
 - **Mobile application**
 - **BAS / BMS**
 - **UL 508A panels**

Pre-Assembled for Easy Installation

- Pre-assembled and ready to install.
- Systems are fully tested and certified.
- Designed with small footprints that fit modern mechanical rooms and easily pass through standard doors.



Commercial

- Construct a solution that fits any pressure requirement, with multiple layers of equipment redundancy.
- Maintain water pressure consistency regardless of system demands.
- Meet specific needs for high-volume, high-pressure applications.

Multi-Family Residential

- Maintain water pressure when using multiple appliances.
- Avoid drops in pressure at peak usage times.
- Customized for city or well water.

Irrigation

- Configure coverage for simple landscaping up to the most complex, high-volume irrigation systems.
- Maintain consistent water pressure even during peak usage.
- Engineered for energy savings and reliability.

Municipalities

- Extend city services without compromising water pressure quality with in-line booster packages customized to your area and usage trends.
- Support existing infrastructure by regulating pressure further from your source.
- Create a solution that complements existing equipment and provides the best value



OILSENSE PUMP & ALARM PACKAGES

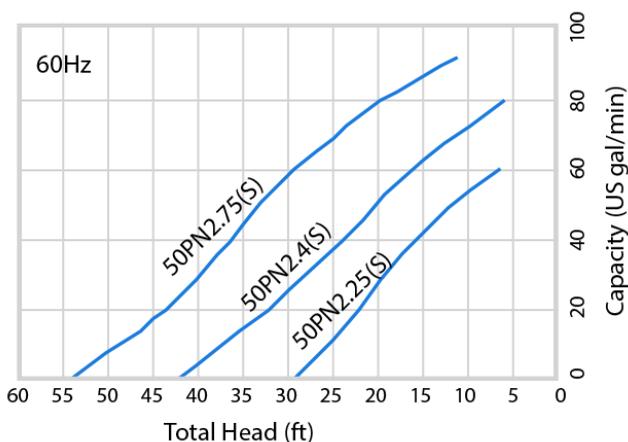
Trusted to Protect the Environment.

OilSense is a simple yet effective system designed to provide pump control and alarm notification of potentially threatening water and oil levels in pumping applications. The OilSense system features a premium quality, chemical spill rated pump along with an extremely reliable, easy to operate control panel. It also includes innovative oil/water probes that sense the difference between oil and water so that water is removed from the tank without oil being pumped into the environment. Common applications include elevator sump basins, transformer vaults, leachate well and effluent applications and garages for residential, commercial, industrial, effluent wastewater and site drainage needs.

PUMP



PERFORMANCE DATA



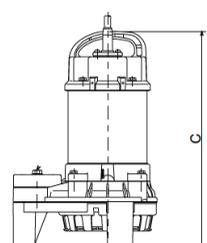
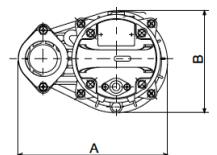
PUMP INFORMATION

Pump Features

- Designed for handling raw sewage, wastewater, industrial and commercial applications
- Corrosion resistant stainless steel and FRP construction
- Semi-vortex impeller
- Double mechanical silicon carbide seals with additional lip seal
- Highly efficient, continuous duty, air-filled motor with class E insulation
- Built-In thermal and amperage sensing protection
- Double shielded, permanently lubricated, high temperature C3 ball bearings
- Maximum water temperature is 104 degrees Fahrenheit (40 degrees Celsius)
- 2" NPT discharge
- 32' Power cable
- 2 year warranty

SERIES SPECIFICATIONS

SINGLE PHASE MODEL	MOTOR OUTPUT (hp)	RATED CURRENT (a)		S.S. (rpm)	DISCHARGE SIZE (in.)	FREE STANDING MODELS' DIMENSIONS (in.)			MAX SOLIDS DIAMETER (in.)	WEIGHT (lbs.)
		115V	230V			A	B	C		
50PN 2.25S	1/3	4.6	2.3	3600	2	9 5/16	6 3/8	14 3/16	.394	21
50PN 2.4S	1/2	5.8	2.9	3600	2	9 5/16	6 3/8	14 3/16	.394	21
50PN 2.75S	1	9.2	4.6	3600	2	9 5/16	6 3/8	14 3/16	.394	26



**LARGER HP AVAILABLE. PLEASE CONTACT US FOR ADDITIONAL CONFIGURATIONS.

NORMAL OPERATION

As water and oil enter the tank, the oil rises to create a floating layer on top of the water. The water level rises to reach the Start Probe, activating the pump to remove water from the tank. It continues pumping water out of the tank until the water level falls below the Stop Probe, deactivating the pump.

HIGH WATER ALARM

If the water level continues to rise and reaches the High Water Probe, the red high water LED indicator illuminates, the audible alarm sounds, and auxiliary contacts close, activating the remote alarm.

HIGH OIL ALARM

If the oil level rises to activate the mechanical High Oil Float, the red high water LED indicator illuminates, the audible alarm sounds, and auxiliary contacts close, activating the remote alarm.



OILSENSE CONTROLLER AND SENSOR

Features

- NEMA 4x polycarbonate enclosure with clear hinged door and lockable latch
- 316 Stainless steel sensor rods and float
- Pigtail connection for system input power connection
- 115 Vac power input for control systems and 115 or 230 vac for pump
- LED indicators for system power fault, pump, high water alarm, oil fault alarm, and high oil alarm
- Audible alarm w/silence switch for oil fault alarm, high water level and high oil alarm functions
- Press-to-test button w/LED indicator
- Intrinsically safe
- Controller can be mounted in equipment room with sensor wired remotely
- Color coded sensor rods and wires for intuitive installation
- Fully automated pump power and alarms based on water and oil levels
- Extremely accurate and precise (up to 1/8" level control)
- Dry contacts for BMS, BAS, and fire panel will not plate, foul, or deteriorate regardless of water quality
- Sensor rods will not plate, foul, or deteriorate regardless of water quality
- Labeled LED's and dry contacts for each function
- Press-to-test the entire system
- No exposure to high voltage in wet environment
- Fully color coded system for easy installation
- Never needs calibrating
- 5-Year warranty

CALL US TODAY FOR ALL YOUR OILSENSE NEEDS.
OilSense. Reliable, Simple, and Trusted to Protect the Environment.

CUSTOM PREPACKAGED PUMP STATIONS

Choose the flow range, configuration, and pump options you need.

CONFIGURATIONS: SIMPLEX, DUPLEX, TRIPLEX, QUADPLEX

Preassembled, preplumbed per your specifications.

- Basin widths from 18" – 120" diameter
- Basin depth from 48" – 360" deep

Available discharge pipe diameters

1¼" | 2" | 3" | 4" | 6" | 8" | 12"

Available discharge pipe materials

- Sch 80 PVC
- Stainless Steel
- Ductile Iron

Valve Placement

- Internal - in wet well
- External - in attached or unattached valve box

Comprehensive Systems

Our systems are complete with basin and cover, rail system/disconnect(s), guiderails, lifting chain(s), check valve(s), shut off valve(s), stainless steel float bracket, electrical coupling, vent coupling, internal discharge piping plumbed, inlet fitting(s), lifting lugs and more.



More Variety

Custom controls to meet your project specification

- Non-Hazardous or Class I, Division 1, Group C&D Hazardous Locations
- Enclosures -- poly, fiberglass, painted steel, stainless steel
- VFD controls available for inverter duty motors/pumps
- Remote monitoring or remote control
- Built to UL standards



CLOSED LOOP WATER MAKE-UP SYSTEM

PRODUCT OVERVIEW

The Mikrofill 3 advanced control system electronically monitors sealed system pressure and provides a sophisticated leak detection alert capability and protection against flooding and the resulting damage to building infrastructure, fittings and decor.

- Leak detection and flood prevention
- Fill volume indication
- System filling and pressure management
- Integral backflow prevention
- Compact and simple to install
- System fill volume indicator
- System status and fault code display
- BMS capability
- Low power consumption

FEATURES

- System fill volume indicator
- Comprehensive pressurization manager
- Fills any sealed heating or chilled water system from empty
- US approved commercial system backflow prevention
- Consumes 10 watts on standby and 30 watts fully operational per hour
- Wall mounted unit
- Large color screen display
- Pre-commissioned packages available



CUSTOM PROJECTS OPTIONS & ACCESSORIES

PoseidonPak is ready for your custom project. Just send us an email or give us a call.

Accessories to add to your system or for other projects, we can help you.





*Provides Simple yet Proven,
Oil and Water Sensing Technology
that Protects the Environment*

Simple.

The system is simple to install, operate, and maintain.

Reliable.

The system is extremely reliable due to its unmatched quality of components, innovation, and craftsmanship.

Trusted.

Trusted to protect the environment.

Learn More at **POSEIDONPAK.COM**

Contact Your Local Sales Representative

