PWSJS
PRESFLO WELL SYSTEMS

Applications
PRESFLO WELL SYSTEM is made up of a water pump and an electronic pump controller which pulls water out of shallow wells, underground tanks, ponds or lakes to be used for:

Residential boosting systems
Irrigation

Features & Benefits
• PRESFLO’s body made of technopolymer with built-in check valve.
• Pressure loss is extremely low, for this reason it is possible to use PRESFLO WELL SYSTEMS with capacity up to 50 gpm.
• The special valve guarantees the pump continuous operation even with capacity as low as 0.2 gpm.
• Spring/membrane water accumulator. A special membrane guarantees a high level of protection against overpressure. PRESFLO’s high capacity is essential to avoid frequent starts/stops of the pump in case of a leak in the pipeline.
• Circuit board: Easy to replace, available in 115V and 230V.
• PRESFLO WELL SYSTEMS come available with different pumps, for maximum working pressure up to 70 PSI’s and flow rates up to 50 gp

FBSMS
FLUX BOOSTING SYSTEMS

Applications
FLUX BOOSTING SYSTEM is made up of a water pump and an electronic pump controller which is used for:
Residential irrigation applications when is necessary to boost the pressure coming from the city water or a well pump.

Features and Benefits
• FLUX’s body made of technopolymer with a built-in check valve.
• FLUX BOOSTING SYSTEM comes available with different pumps to boost in coming pressures up to 70 psi higher.
• Friction losses extremely low: this is why it is possible to use FLUX BOOSTING SYSTEM with capacity up to 50 gpm.
• The special valve guarantees the pump continuous operation.
• Circuit board: easy to replace and available in 115V and 230V.
THOR
CENTRIFUGAL SPRINKLER PUMP

Applications

• Lifting water containing air or other gases.
• Water recirculation.
• Irrigation systems.
• Lifting capability up to 25 ft.

Construction

• Closed coupled self-priming centrifugal pump.
• High quality components for domestic water supply and irrigation in respect to low lead requirements.
• Connections threaded ports NPT.
• All hardware in stainless steel.
• Pre-drilled priming port with plug.
• Pre-drilled drain port with plug for maintenance.
• U shape base on all models gives a complete.
• Full support to the pump.

IRONJET
STAINLESS STEEL SHALLOW WELL SELF PRIMING JET PUMP

Applications

• Supplying domestic water supply out of a well at desirable pressure.
• Lifting water containing air or other gases.
• Boost pressure from flooded suction applications
• For garden use.

Construction

• Closed coupled self-priming centrifugal pump.
• High quality components for domestic water supply and irrigation in respect to low lead requirements.
• Connections threaded ports NPT.
• All hardware in stainless steel.
• Pre-drilled priming port with plug.
• Pre-drilled drain port with plug for maintenance.
• U shape base on all models gives a complete.
• Full support to the pump.
JCC
CAST IRON SHALLOW WELL SELF PRIMING JET PUMP

Applications

• For drawing water out of a well.
• For lifting water containing air or other gases.
• For increasing water pressure from flooded suction applications.
• As pressure boosting pump for central water systems with low pressure (follow local specifications if increasing network pressure).
• For garden use.
• For washing with a jet of water.

Construction

• Close-coupled self-priming shallow-well jet pump with built-in ejector.
• Connections: threaded ports NPT.

JSC
STAINLESS STEEL SHALLOW WELL SELF PRIMING JET PUMP

Applications

• For drawing water out of a well.
• For lifting water containing air or other gases.
• For increasing water pressure from flooded suction applications.
• As pressure boosting pump for central water systems with low pressure (follow local specifications if increasing network pressure).
• For garden use.
• For clean liquids or slightly dirty surface water.
• For washing with a jet of water.

Construction

• Close-coupled self-priming shallow-well jet pump with built-in ejector.
• Connections: threaded ports NPT.
**MXA**

**HORIZONTAL MULTI-STAGE PUMPS**

Extra safety against running dry with the suction port above pump axis.
Robust single-piece barrel casing.
Compact single-piece lantern bracket and base.
Low noise with the water-filled shroud around the stages.

**Applications**

- For water supply.
- For domestic use.
- For garden use.
- For irrigation.

**Construction**

- Horizontal multi-stage, self-priming, close coupled pump.
- Single-piece barrel casing in chrome-nickel stainless steel, with front suction port above pumps axis and radial delivery at top.
- Stages in Noryl.
- Connections: threaded ports NPT.

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**CEC**

**END SUCTION CENTRIFUGAL PUMP**

Single impeller or two back-to-back impeller

**Applications**

- For clean liquids without abrasives, which are, non aggressive for the pump materials (solids content up to 0.2%).
- For water supply.
- For heating, air-conditioning, cooling and circulation plants.
- For civil and industrial applications.
- For irrigation.

**Construction**

- Close-coupled, centrifugal pumps; electric motor with extended shaft directly connected to the pump.
  - Single-impeller
  - Two back-to-back impellers (with axial thrust balancing).
- Connections: threaded ports NPT.
4PWP
4” SUBMERSIBLE PUMP

Multipurpose applications in the residential, agriculture and industrial markets. Perfect for pressure boosting application, irrigation and water transfer.

Applications

• Potable water supply from deep wells.
• Agricultural-Irrigation, livestock watering, etc.
• Municipal and Industrial.
• Pressure boosting.
• Fountains, etc.

4PWS
4” SUBMERSIBLE PUMPS STAINLESS STEEL AISI 304

The Pearl 4PWS range of submersible pumps are made of corrosion and abrasion resistant stainless steel and have been developed in accordance with state-of-the-art technology. The 4PWS pumps are manufactured to the highest standards for energy efficiency, dependable performance, rugged construction, and long service life.

Applications

• Potable water supply from deep wells.
• Agricultural-Irrigation, livestock watering, etc.
• Municipal and Industrial.
• Pressure boosting.
• Fountains, etc

MSB
4” BOTTOM SUCTION EFFLUENT PUMP

Continuous duty: PEARL EFFLUENT pumps can operate continuously without damage to any component. Impeller Floating System: designed to guarantee the best performance and durability for sand handling.

Applications

• Multi purpose applications in the residential, agriculture and industrial markets.
• Pressure boosting.
• For irrigation.
• Water transfer.
PD BOX
PUMP STATIONS FOR IRRIGATION UP TO 150 GPM

PD BOX is our new pump system designed for outdoor installations. All details on this pump station have been designed for all users’ needs.

Extraordinary performance, quiet operation, attention to detail makes PD BOX a state of the art solution.

ENCLOSURE

The external enclosure is strong, compact, and is double powder coated for weather resistance that is perfect for tough, outdoor conditions.

Features:

- Front door allows access to electrical equipment and components.
- Back door access with a wide opening to the pump and piping, for easy maintenance.
- Cooling fan insures to manage temperature inside the enclosure.
- Reinforced pump base that is mounted on rails, allows strength and flexibility to the assembly process.
- Drain holes in the floor.
- Knockouts for conduit installation and electrical service.

THE PUMP

High efficiency pumps. End suction flanged, cast iron centrifugal pumps:

- Every PD BOX includes the most efficient pump according to the performance needed.
- Motor specially designed to work at high temperatures.
- Single pump operation for specific performance.
- Pump flanged for easy maintenance operations.

VARIABLE SPEED CONTROLS

Our pump stations are controlled by the most evolved technology in VFD Systems:

- LCD screen for setting up desired parameters.
- User friendly interface to monitor and change parameters as needed.
- BLUETOOTH TECHNOLOGY for remote access to the VFD for start up, maintenance or troubleshooting from an outside location.
- Safety disconnect switch, control box.
- Lightning surge protection on request.
PUMP STATION
PUMP STATIONS ASSEMBLED TO WATER COOLED VARIABLE FREQUENCY DRIVES

Pump stations assembled to water cooled variable frequency drives suitable for outdoor installation. Do not require a pressure sensor.

MAC 3 water cooled variable frequency drives provide the best performance, pump protection, and energy saving.

Pump stations assembled to water cooled variable frequency drives can be requested in ranges from 20 to 100 gpm with pressure readings above 100 psi.

PUMP STATIONS ASSEMBLED TO FAN COOLED VARIABLE FREQUENCY DRIVES

Pump stations assembled to air cooled variable frequency drives, suitable for indoor installation. External pressure sensors are required (included).

Units assembled with fan cooled variable frequency drives can be either motor mounted, wall-mounted or delivered with a stand for installation, wherever it is not possible to mount on wall.

MAC 3 and NASTEC fan cooled variable frequency drives provide the best performance, pump protection, space, and energy saving.

Pump stations assembled to fan cooled variable frequency drives can be requested in ranges from 20 to 150 gpm with pressure readings above 100 psi.