

PRESFLO WELL SYSTEM

HOW IT WORKS

The PRESFLO WELL SYSTEM starts and stops the water pump according to the user's needs. It replaces the traditional pressure system of a tank, pressure switch and float switch, offering more advantages such as:

- Easy installations.
- Reduced dimensions.
- Constant flow.
- No maintenance required.
- No need to install pressure tanks.
- Pump protection against running dry with automatic reset.

The PRESFLO WELL SYSTEM monitors the water pressure and flow rate that runs thru and protects the pump against dangerous working conditions like running dry.

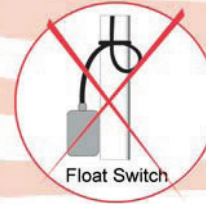
When a tap is opened, PRESFLO starts the pump and keeps it running, delivering constant flow. PRESFLO stops the pump when the demand is near zero.



Pressure Tank



Pressure Switch

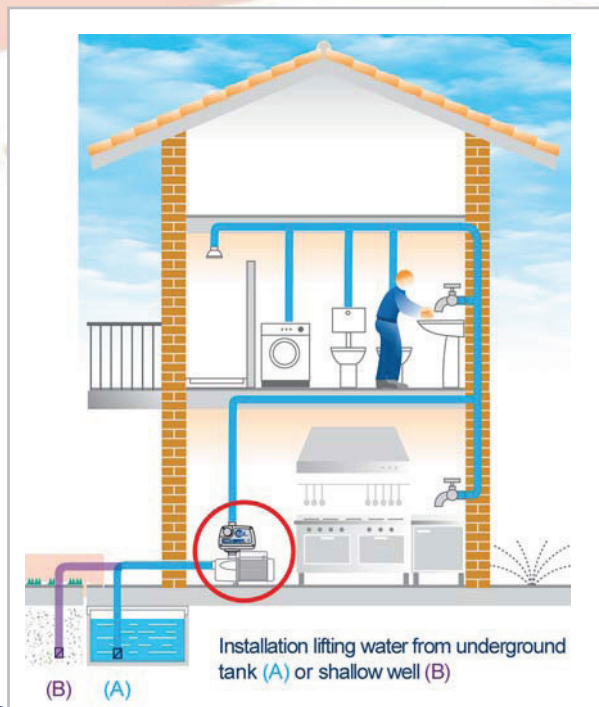


Float Switch



SAVE:

- ✓ Money
- ✓ Space
- ✓ Installation Time



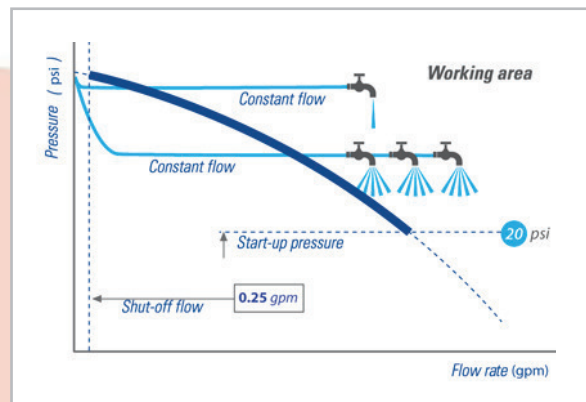
APPLICATIONS

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 AND 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 gpm.
(For selection chart see pages 9-10)



TECHNICAL SPECIFICATIONS

- Voltage: 230 Volt or 115 Volt.
- PRESFLO protection: Water Resistant
- Water pump protection: Outdoor Use
- Working temperature: 32° -122° F
- Dimensions: depends on the system selected. (For exact dimensions ask your retailer).
- Connections: 1" standard NPT.
- Maximum working pressure: 140 psi.
- Minimum starting pressure: 20 psi





SELECTION CHART

APPLICATIONS FOR MODEL PWS3CR 20G30P RECOMMENDED LIFT UP TO 15 FT

PUMP MODEL: **3CR 05** | PUMP CONTROLLER: **PRESFLO** | WATER SUPPLY: **UNDERGROUND TANKS or PONDS**

FLOW RATE	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
5	45	1 - 2 Bathroom home
10	40	3 - 4 Bathroom home
15	35	Large homes long runs of plumbing
20	25	Large homes of large irrigation systems

APPLICATIONS FOR MODEL PWS4CR 12G40P RECOMMENDED LIFT UP TO 15 FT

PUMP MODEL: **4CR 05** | PUMP CONTROLLER: **PRESFLO** | WATER SUPPLY: **UNDERGROUND TANKS or PONDS**

FLOW RATE	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
5	60	1 - 2 Bathroom home
10	45	3 - 4 Bathroom home
15	30	5 - 6 Bathroom home

APPLICATIONS FOR MODEL PWSJCR 12G30P

PUMP MODEL: **JCR 05** | PUMP CONTROLLER: **PRESFLO** | WATER SUPPLY: **UNDERGROUND TANKS, PONDS OR SHALLOW WELLS**

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
5gpm @ 5 Ft	50	1 Bathroom home
4gpm @ 10 Ft		
3.5gpm @ 15 Ft		
8gpm @ 5 Ft	40	2 Bathroom home
7gpm @ 10 Ft		
6gpm @ 15 Ft		
12gpm @ 5 Ft	30	3 Bathroom home
11gpm @ 10 Ft		
10gpm @ 15 Ft		

APPLICATIONS FOR MODEL PWSJCR 20G40P

PUMP MODEL: **JCR 10** | PUMP CONTROLLER: **PRESFLO** | WATER SUPPLY: **UNDERGROUND TANKS, PONDS OR SHALLOW WELLS**

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
8gpm @ 5 Ft	50	1 - 2 Bathroom home
7gpm @ 10 Ft		
6gpm @ 15 Ft		
11gpm @ 5 Ft	40	3 - 4 Bathroom home
10gpm @ 10 Ft		
9gpm @ 15 Ft		
22gpm @ 5 Ft	30	Large home
21gpm @ 10 Ft		
20gpm @ 15 Ft		

- All calculations done based on 3gpm per outlet and 1 floor/level home.

APPLICATIONS FOR MODEL PWSAR 40G30P RECOMMENDED LIFT UP TO 15 FT

PUMP MODEL: **AR 10** | PUMP CONTROLLER: **PRESFLO** | WATER SUPPLY: **UNDERGROUND TANKS OR PONDS**

FLOW RATE	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
10	42	3 - 4 Bathroom home
20	40	Up to 7 Bathroom home
30	35	Large homes long runs of plumbing
40	28	Large homes of large irrigation systems

- All calculations done based on 3gpm per outlet and 1 floor/level home.

DIMENSIONS

