

BEST CONTROL WELL SYSTEM



How it works

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

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

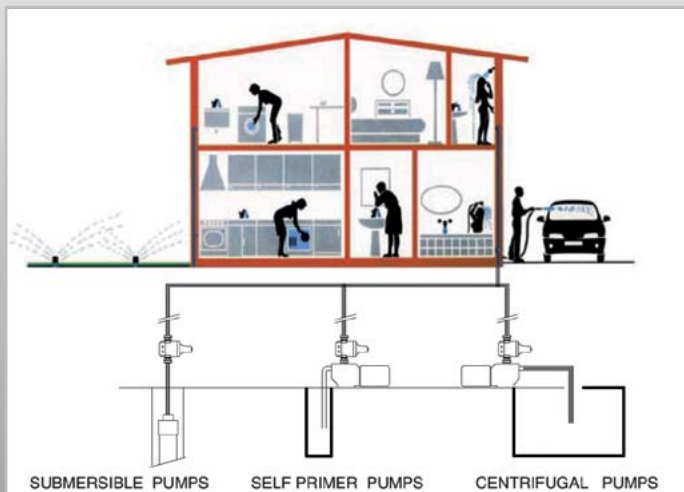
The BEST CONTROL WELL SYSTEM monitors the water pressure and flow rate that runs through it and protects the pump against dangerous working conditions like dry running. When a tap is opened, BEST CONTROL WELL SYSTEM starts the pump and keeps it running, delivering constant flow. BEST CONTROL WELL SYSTEM stops the pump when the demand is near zero.



Applications

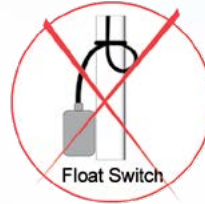
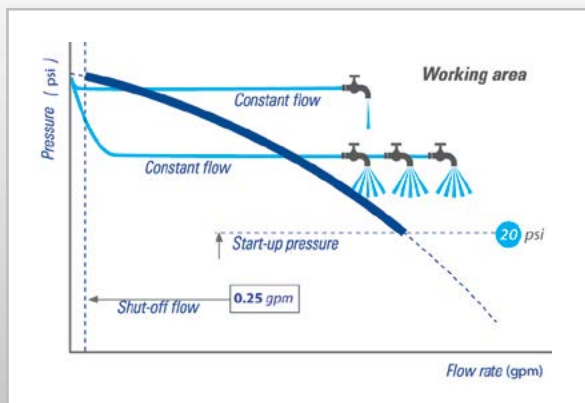
BEST CONTROL WELL SYSTEM is an electronic pump controller design for water pumps which pull water out of shallow wells, aerator tanks, reservoir tanks, underground tanks, ponds or lakes to be used for:

- Residential boosting systems
- Irrigation



Features and Benefits

- BEST CONTROL's body is made of technopolymer with built-in check valve.
- Friction loss is extremely low, allowing the use of the BEST CONTROL WELL SYSTEM in applications with required flows 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. BEST CONTROL'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 115 V/230 V.
- BEST CONTROL WELL SYSTEM comes available with different pumps, for maximum working pressure up to 80 PSI and flow rates up to 50 gpm.
(For selection chart see pages 14 - 16)



SAVE:
 ✓ Money
 ✓ Space
 ✓ Installation Time

Technical Specifications

- Voltage: 115/230 Volt
- Water Resistant
- Outdoor Use
- Working temperature: 32° -104° F
- Dimensions: see pages 10 - 11
- Connections: 1" standard
- Maximum working pressure: 95 psi
- Minimum starting pressure: 20 psi





Selections Chart

APPLICATIONS FOR MODEL: BWSMS07 17G40P/ BWSMSD07

PUMP MODEL: MSC 07 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS OR PONDS

FLOW RATE (GPM)	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
Shut - Off	70	-----
5	62	1 - 2 Bathroom home
10	55	3 - 4 Bathroom home
15	45	5 - 6 Bathroom home
20	35	Large homes long runs of plumbing
25	20	Large homes or large irrigation systems

APPLICATIONS FOR MODEL: BWSJS05 12G30P

PUMP MODEL: JSC 05 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS, PONDS OR SHALLOW WELLS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
5.5 gpm @ 5 ft	50	1 Bathroom home
5 gpm @ 10 ft		
4.2 gpm @ 15 ft		
9 gpm @ 5 ft	40	2 Bathroom home
8.5 gpm @ 10 ft		
7.6 gpm @ 15 ft		
12.3 gpm @ 5 ft	30	3 Bathroom home
11.9 gpm @ 10 ft		
11 gpm @ 15 ft		

APPLICATIONS FOR MODEL: BWSJS07 20G30P

PUMP MODEL: JSC 07 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS, PONDS OR SHALLOW WELLS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
4 gpm @ 5 ft	50	1 - 2 Bathroom home
3 gpm @ 10 ft		
2 gpm @ 15 ft		
9 gpm @ 5 ft	40	3 - 4 Bathroom home
8 gpm @ 10 ft		
7 gpm @ 15 ft		
15 gpm @ 5 ft	30	Large home
14 gpm @ 10 ft		
12 gpm @ 15 ft		

RECOMMENDED LIFT UP TO 15 FT

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

APPLICATIONS FOR MODEL: BWSJS10 20G40P / BWSJSD10 20G40P

PUMP MODEL: JSC 10 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS OR PONDS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
11 gpm @ 5 ft	50	2 - 3 Bathroom home
10 gpm @ 10 ft		
9 gpm @ 15 ft		
16 gpm @ 5 ft	40	3 Bathroom home
15 gpm @ 10 ft		
14 gpm @ 15 ft		
22 gpm @ 5 ft	30	3 - 4 Bathroom home
21 gpm @ 10 ft		
20 gpm @ 15 ft		

APPLICATIONS FOR MODEL: BWSJS15 25G45P / BWSJSD15 25G45P

PUMP MODEL: JSCQ 15 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS OR PONDS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
17 gpm @ 5 ft	50	2 - 3 Bathroom home
15 gpm @ 10 ft		
13 gpm @ 15 ft		
26 gpm @ 5 ft	40	3 Bathroom home
25 gpm @ 10 ft		
23 gpm @ 15 ft		
38 gpm @ 5 ft	30	3 - 4 Bathroom home
36 gpm @ 10 ft		
34 gpm @ 15 ft		

RECOMMENDED LIFT UP TO 15 FT

APPLICATIONS FOR MODEL: BWSJC05 12G30P / BWSJCD05 12G30P

PUMP MODEL: JCC 05 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS, PONDS OR SHALLOW WELLS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
5.5 gpm @ 5 ft	50	1 Bathroom home
5 gpm @ 10 ft		
4.2 gpm @ 15 ft		
9 gpm @ 5 ft	40	2 Bathroom home
8 gpm @ 10 ft		
7 gpm @ 15 ft		
12.5 gpm @ 5 ft	30	3 Bathroom home
12 gpm @ 10 ft		
11 gpm @ 15 ft		

APPLICATIONS FOR MODEL: BWSJC07 20G30P

PUMP MODEL: JCC 07 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS, PONDS OR SHALLOW WELLS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
3.5 gpm @ 5 ft	50	1 - 2 Bathroom home
3 gpm @ 10 ft		
1.5 gpm @ 15 ft		
9 gpm @ 5 ft	40	3 - 4 Bathroom home
8 gpm @ 10 ft		
7 gpm @ 15 ft		
15 gpm @ 5 ft	30	Large home
14 gpm @ 10 ft		
12 gpm @ 15 ft		

RECOMMENDED LIFT UP TO 15 FT

APPLICATIONS FOR MODEL: BWSJC10 20G40P / BWSJCD10 20G40P

PUMP MODEL: JCC 10 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS OR PONDS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
11 gpm @ 5 ft	50	2 - 3 Bathroom home
10 gpm @ 10 ft		
13 gpm @ 15 ft		
16 gpm @ 5 ft	40	3 Bathroom home
15 gpm @ 10 ft		
14 gpm @ 15 ft		
22 gpm @ 5 ft	30	3 - 4 Bathroom home
21 gpm @ 10 ft		
20 gpm @ 15 ft		

APPLICATIONS FOR MODEL: BWSJC15 25G45P / BWSJCD15 25G45P

PUMP MODEL: JCCQ 15 | PUMP CONTROLLER: BEST CONTROL | WATER SUPPLY: UNDERGROUND TANKS OR PONDS

FLOW RATE @ SUCTION LIFT DEPTH	PUMP DISCHARGE PRESSURE (PSI)	APPLICATION
15 gpm @ 5 ft	50	2 - 3 Bathroom home
13 gpm @ 10 ft		
10 gpm @ 15 ft		
26 gpm @ 5 ft	40	3 Bathroom home
25 gpm @ 10 ft		
22 gpm @ 15 ft		
38 gpm @ 5 ft	30	3 - 4 Bathroom home
37 gpm @ 10 ft		
34 gpm @ 15 ft		

RECOMMENDED LIFT UP TO 15 FT

Dimensions

BWSMS07 17G40P
BWSMSD07 17G40P

BWSJS05 12G30P
BWSJS07 20G30P
BWSJS10 20G40P
BWSJSD10 20G40P
BWSJS15 25G45P
BWSJSD15 25G45P

BWSJC05 12G30P
BWSJCD05 12G30P
BWSJC07 20G30P
BWSJCD07 20G30P
BWSJC10 20G40P
BWSJCD10 20G40P
BWSJC15 25G45P
BWSJCD15 25G45P

WEIGHT=
19.6 lbs / 26.7 lbs
