

## WHAT IS THE PROBLEM?

A conventional water system uses a pump with a constant speed motor to fill a large pressurized storage tank. When a fixture is opened the system delivers water from the tank, which was set at a specific pressure. As the tank empties, the pressure drops and the pressure switch turns the pump on to refill the tank and re-attain the pressure setting. When the pressure setting is reached the pump turns off and the cycle is complete. When the pressure drops again from continued water use, the cycle begins again. As more fixtures are used the water and pressure are dispersed more quickly and water pressure fluctuates even more dramatically.

## THE SOLUTION

... a water system equipped with an Aquavar SOLO™ Controller. As water pressure in the household varies, the Aquavar SOLO Controller speeds up or slows down the pump motor to maintain constant water pressure. The pump continues to run until the demand stops.

**Couple with the Goulds Pumps Model GS submersible pump with CentriPro motor to make the finest pumping system in the industry.**



## WHAT MAKES AQUAVAR SOLO CONTROLLERS BETTER?

- ▶ The Controller is designed by Goulds Pumps, ITT, a leading name in residential pump systems for over 150 years. Like the Goulds pumps, reliability and performance are built-in – ensuring worry-free operation day in and day out.
- ▶ When water demand increases the Aquavar SOLO varies the pump speed to maintain your pre-selected system pressure.
- ▶ The smaller required tank reduces system size and overall footprint.



## FEATURES AND BENEFITS:

- ▶ Years of proven technology
- ▶ Provides constant pressure when flow demand varies greatly
- ▶ No need for a second pump for residential lawn irrigation
- ▶ Reduces cycle stops resulting in longer motor life
- ▶ Small pressure tank occupies less space
- ▶ Flashing LED signal lights indicate system faults for foolproof troubleshooting
- ▶ Built-in filters protect the motor and prevent interference with electronic devices
- ▶ UL & CUL listing
- ▶ Water treatment and fire suppression systems run more efficiently
- ▶ Smooth pressure control vs. pressure switch
- ▶ Built-in motor and pump protection
- ▶ Reduced wear on pump and motor
- ▶ Meets REQUIRED pressure demands
- ▶ Tested to UL and CSA Standards by Canadian Standards Association File #LR38549

## PUMP & MOTOR FEATURES:

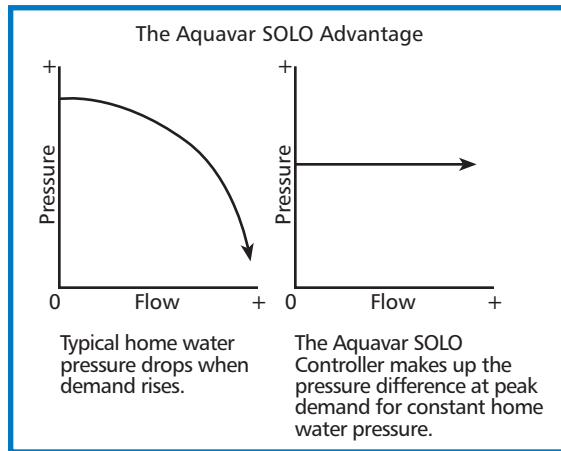
- ▶ Rated for continuous operation
- ▶ Sand and abrasion resistant design
- ▶ Stainless steel construction
- ▶ Face clearance impellers
- ▶ Floating stack design

## CONTROLLER FEATURES:

- ▶ NEMA 3R raintight enclosure
- ▶ Touch control pressure adjustment
- ▶ Fan cooled, 122° F ambient temperature
- ▶ Large terminal block
- ▶ Prewired pressure sensor
- ▶ Self-diagnostic controller senses:
  - Dry well/Loss of prime
  - Short circuit
  - High temperature
  - Ground fault
  - Disconnected lead
  - Pressure sensor fault
  - Over current

## GIVE YOUR HOME'S WATER SYSTEM A BOOST.

- Provides constant, reliable pressure 24/7/365
- Handles homes with multiple baths, heat pumps, irrigation, filtration and fire suppression systems.
- Eliminates the need for large storage tanks
- Meets water pressure demands of commercial quality appliances



No More Annoying Pressure Fluctuations

[www.goulds.com](http://www.goulds.com)

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**GOULDS  
PUMPS**



Are you "under pressure"?

**CENTRIPRO®  
AQUAVAR SOLO™  
PUMP CONTROLLER**

Whatever your water needs,  
SOLO keeps your  
pressure constant



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