

# TOTAL CONTROL

## ELECTRONIC FLOW CONTROL SWITCH

King Pumps™  
HOME

### HOW IT WORKS

When the pressure available is insufficient it is necessary to install a boosting system. TOTAL CONTROL electronic pump controller starts and stops the water pump according to the user's needs.

It replaces the traditional pressure switch/tank systems, offering more advantages such as:

- Easy installations.
- Reduced dimensions.
- Pump protection against running dry, with automatic reset.
- Provides for an adjustable downstream pressure.
- Maintains constant pressure and flow.
- Eliminates pump pressure switch.
- Built-in pressure reducing valve.
- Built-in check valve.
- Assists in absorbing water hammer.
- Can be used with or without pressure tank.

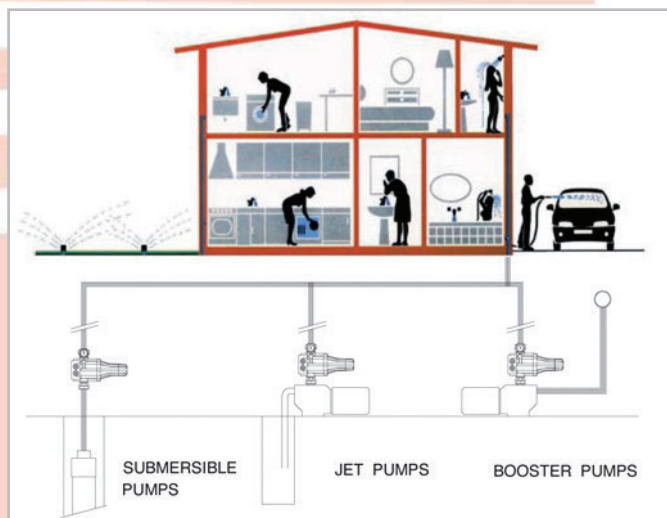
The TOTAL CONTROL electronic pump controller monitors the flow rate of the water running thru it and protects the pump against dangerous working conditions like dry running.

When a tap is opened and the water demand exceeds the minimum starting flow, TOTAL CONTROL starts the pump and keeps it running, delivering constant flow, even when capacity request is low. In case of a leak in the system (less than 0.5 gal/min) TOTAL CONTROL will never start the pump avoiding useless power consumption.

### APPLICATIONS

TOTAL CONTROL is an electronic pump controller which is used when is necessary to boost the pressure coming from city water, well pumps or when pulling water out of shallow wells, underground tanks, ponds and lakes to be used for:

- Residential boosting systems
- Irrigation



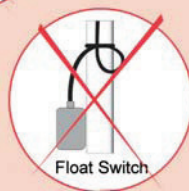
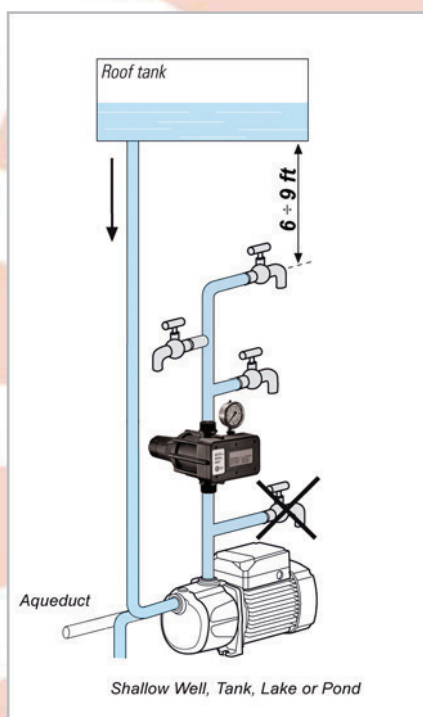
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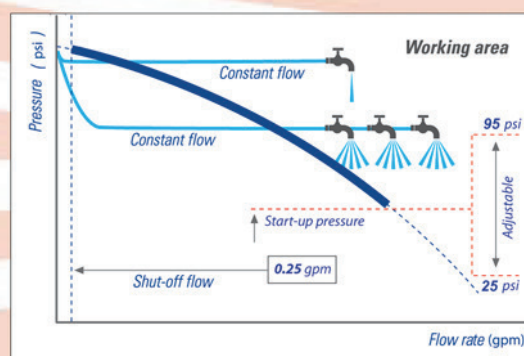
**DG**  
FLOW

## TECHNICAL SPECIFICATIONS

- Voltage: 115/230 Volt.
- UL Listed.
- Working Temperature: 32° - 149° F.
- Connections: 1 1/4" standard MPT.
- Maximum working pressure: 174 psi.



**SAVE:**  
Money, Space,  
Installation Time



## FEATURES AND BENEFITS

- TOTAL CONTROL's body is made of technopolymer.
- TOTAL CONTROL comes with a built-in check valve.
- Friction losses extremely low: this is why it is possible to use TOTAL CONTROL with capacity up to 40 gpm. (See manual for instructions).
- Circuit board: easy to replace.
- Increases pump life.
- No maintenance required.