

# WELLZONE™ 2-WIRE PRESSURE CONTROLLER

## 2-Wire Single Phase Well Pump Control Panel

The WellZone™ digital controller provides pressure control for single phase 2-wire submersible well pump applications. It uses a 0-150 PSI pressure transducer to monitor the discharge pressure and turns the pump ON and OFF according to the Start and Stop setpoints. The LCD display is visible through the clear cover of the enclosure to allow for quick view of the system pressure, run status, hours run and pump cycles. The rotary button provides the user with a simple navigation method through the menu and program settings. It features built in pump protection including rapid cycling and dry run. It is preprogrammed to run the pump as the pressure drops below 40 PSI and stop as the pressure rises above 60 PSI. High & Low pressure settings are available with an auxiliary alarm relay.



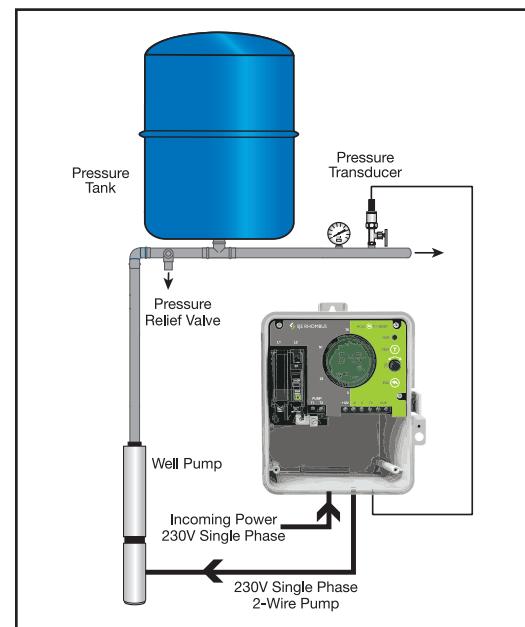
## PANEL COMPONENTS

1. NEMA 4X enclosure 20.32 x 15.24 x 10.16 cm (8 x 6 x 4 inches) for indoor or outdoor use with integral padlockable latch for added safety.
2. Pump run green LED indicator
3. Pump test switch for manual control of the pump
4. Menu rotary encoder/selector switch
5. Menu ESC button
6. Auxiliary alarm contacts
7. Digital input for optional floor sensor or float switch
8. LCD display
9. Ground lug
10. Circuit breaker (20A, 2 pole)



## FEATURES

- Includes a 0-150 PSI pressure transducer (No pressure switch needed)
- LCD display with bar graph
  - Pressure reading
  - Pump amp reading
  - Pump on indicator
- Adjustable pressure set points
  - Start /Stop pressure set points
  - High /Low pressure alarms
- Advanced functions
  - Dry Run protection
  - Well recharge timer
  - Rapid cycle protection
  - Water filter replacement notification
  - Alarm history



  
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### ORDERING INFORMATION

Part #	Description	Ship Weight
1076886	WellZone™ 2W-150	1.72 kg

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.

### SPECIFICATIONS

**INPUT VOLTAGE:** Single phase, 115/230 VAC, 60 Hz

**PUMP RATINGS:** Single phase, 2-wire (4-14 FLA)

- 0.5 HP at 115 VAC, 60 Hz
- 0.5 HP - 1.5 HP at 230 VAC, 60 Hz

**OPERATING TEMPERATURE:** -10°C to 50°C (14°F to 122°F)

**ENCLOSURE:** 20.32 x 15.24 x 10.16 cm (8 x 6 x 4 inch)

Padlockable NEMA 4X (ultraviolet stabilized thermoplastic with integral mounting feet for outdoor or indoor use)

Includes liquid tight cable strain relief fittings:

- 2 - 1/2" UF cable
- 1 - 1/2" round cable

**PRESSURE TRANSDUCER:** 0-150 PSI (included) 1/4" NPT Male, NSF 61 rated, 4-20mA, with 5m cable. Two-year limited warranty on pressure transducer.

**AUXILIARY ALARM CONTACTS:** N.O. 1 amp, 120 VAC Max

**NOTE:** This digital controller does not provide Variable Speed Pump Control and constant pressure operation

### ACCESSORIES (OPTIONAL)

#### WS360 Water Sensor

The WS360 water sensor, when connected to a WellZone™ Pressure Controller, is designed to warn of potential water damage to end users. Place this sensor in any location where there is a risk of water damage: utility room, laundry, kitchen, bathroom, basement, etc. When water reaches any side, top or bottom of the 360° sensor, the WellZone™ Pressure Controller will stop the pump and display the alarm fault "WATER SW". One-year limited warranty.



#### Transducer Kit

This 0-150 PSI transducer provides continuous level monitoring. It measures the discharge pressure of the water at the sensor and outputs a standard 4-20mA signal proportional to the water pressure.



Part #	Description	Shipping Weight
1078433	360 degree water sensor, wire termination	0.12 kg

Part #	Description	Shipping Weight
1077481	Transducer with cable, 4-20mA, 0-150 PSI, bagged	0.23 kg