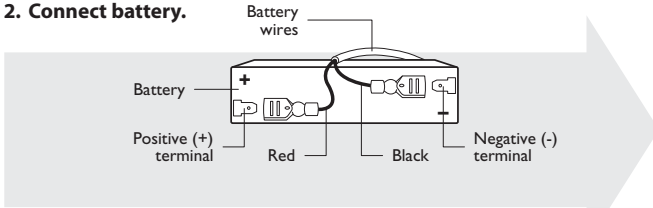


WELL TENDER II

Quick Start Guide

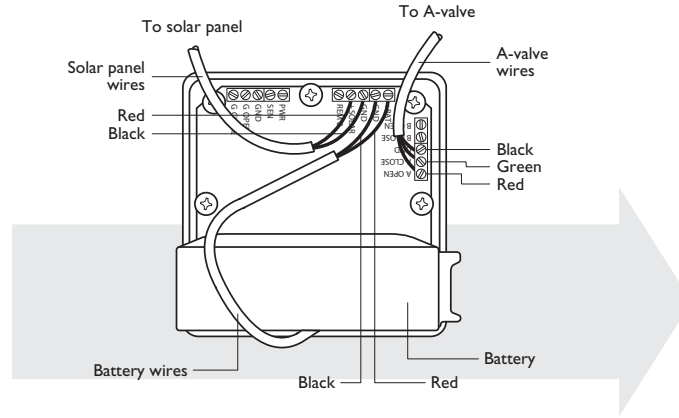
Electronic Installation

1. Open controller.
2. Connect battery.



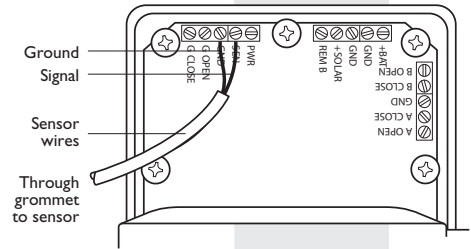
NOTE: Terminals on your battery may match figure, or positive (+) may be on the right and negative (-) on left.

3. Check connections to battery, solar panel, and A-valve.

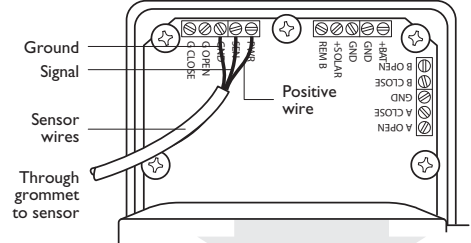


4. Connect electronic sensor.

Two lead wire sensor

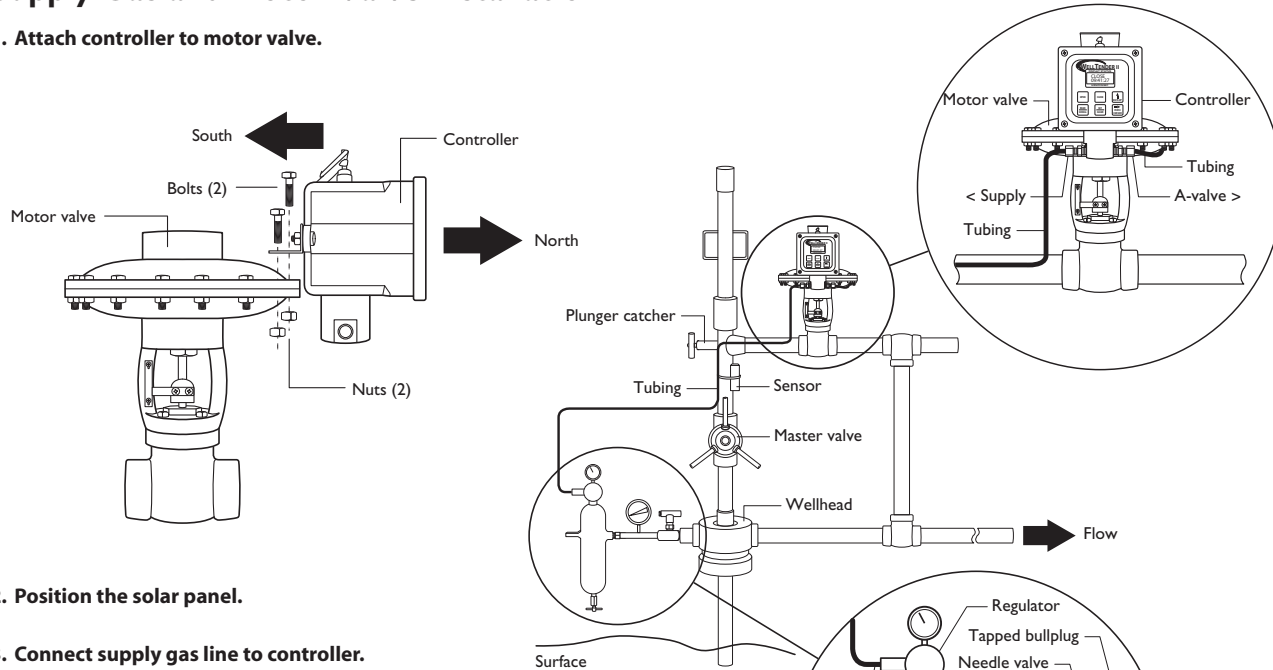


Three lead wire sensor



Supply Gas and Motor Valve Installation

1. Attach controller to motor valve.



2. Position the solar panel.

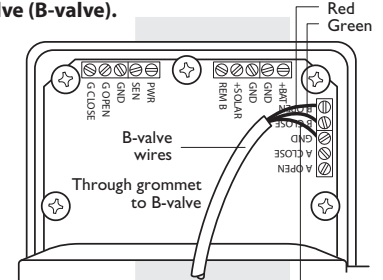
3. Connect supply gas line to controller.

Highly recommended: drip pot, regulator, and filter.

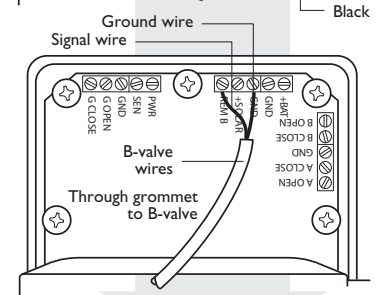
4. Connect controller gas line to motor valve.

5. Optional dual-valve operation: connect external shift valve (B-valve).

Connect B-valve (Kit # WTCXSNO) for controller within 100 feet

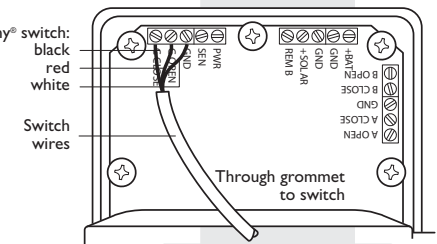


Connect B-valve (Booster Kit # WTCXSP0) for controller more than 100 feet away



6. Optional: connect additional switch.

Murphy® switch:
black
red
white



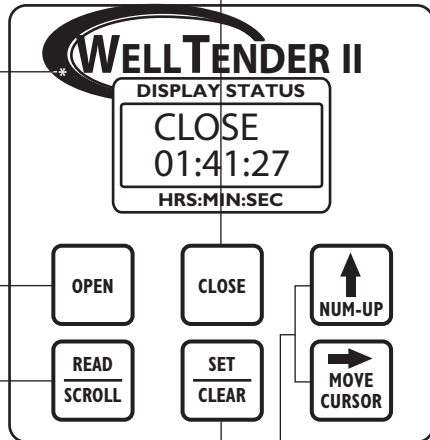
7. Reassemble controller.

Using Buttons

Use the **OPEN** button to manually open A-valve or B-valve.

Use this button to reset controller. It starts a new cycle with current program settings.

Use **CLOSE** button to manually close currently open valve.



Use **READ/SCROLL** button to start reading reports and to go to next report or program function.

Use **SET/CLEAR** button to start programming and to lock time values into program. This button also clears report values.

Use these buttons to wake up controller and to specify time values.

NUM-UP selects a digit.

MOVE CURSOR positions cursor under digit.

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1-800-WELLTENDER (1-800-935-5836)
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You can get more information about the WellTender plunger lift line on the Internet. Go to: www.WellTender.com

Clearing Reports and Programming Controller

SET CLEAR	A-valve and Plunger Counts Report AV = 0100 PL = 0090	READ SCROLL	B-valve and Plunger Counts Report BV = 0100 PL = 0010
Total Open Time Report TOT OPEN 012:00		READ SCROLL	Total Close Time Report TOT CLOS 023:00
READ SCROLL	CLOSE Time CLOSE 01:00:00	* To clear report value: SET CLEAR	
SET CLEAR	OPEN A Time OPEN A 01:00:00	All program times are hours, minutes, and seconds. To specify time, use these two buttons: NUM-UP MOVE CURSOR	
SET CLEAR	OPEN B Time OPEN B 01:00:00	If you are not using B-valve, specify 00:00:00.	
SET CLEAR	DELAY Time DELAY 01:00:00	Time of gas sales through A-valve after plunger has arrived. If you are not using DELAY time, specify 00:00:00.	
SET CLEAR	FALL Time FALL 01:00:00	Use FALL time if you are using pressure switch. If you are not using pressure switch, specify 00:00:00.	
SET CLEAR	BACKUP Time BACKUP 03:00:00	Use BACKUP time if well requires more time to surface plunger during next cycle. If no BACKUP time, specify 00:00:00 or same amount as CLOSE time. If you use BACKUP time, it should be greater than CLOSE time. BACKUP time replaces CLOSE time.	

Reading Controller Reports

READ SCROLL	A-valve and Plunger Counts Report AV = 0100 PL = 0090	READ SCROLL	B-valve and Plunger Counts Report BV = 0100 PL = 0010
Total Open Time TOT OPEN 000:00		Total Close Time TOT CLOS 000:00	
Voltage VOLTAGE 6:80		CLOSE Time CLOSE 01:00:00	OPEN A Time OPEN A 01:00:00
BACKUP Time BACKUP 01:00:00		FALL Time FALL 01:00:00	DELAY Time DELAY 01:00:00

To next report:

PLT - 01 through PLT - 09
Plunger Travel Time (10 reports)
 PLT - 00
 00:07:29

- ① Total close and open times are in hours and minutes.
- ② Report does not appear if value is 00:00:00.

Controller Part Assemblies

