

Certification Exhibit

FCC ID: 2AFJSSET100-2015

FCC Rule Part: 15.249

ACS Project Number: 14-0039

Manufacturer: Smart Earth Technologies LLC
Model: SET 100 Smart Valve

Manual



SETflow™

— VALVE CONTROL —

QUICK SETUP GUIDE

SET100 - ITRON 100w+

BEFORE GOING TO INSTALL...

1 OBTAIN A USER ACCOUNT LOGIN

Make sure you have a SETflow User Account and the login information before leaving to install your SET100 valve.

Your administrator must create this for you.

This login will be needed to access your SET100 thru the SETflow Mobile App on your handheld for provisioning.

2 OBTAIN MASTER CONTROL PASSWORD

In order to provision or control your valve, you must obtain the Master Password from your Administrator.

3 DOWNLOAD SETFLOW MOBILE APP

The SETflow Mobile app will be used to provision your valve. You are required to download our app from the Apple App Store using your organization's APPLE ID.

Using your handheld device (iPhone, iPod, etc..) you can either go to the **APPLE APP STORE** and search for **SETFLOW** and install the app OR using your web browser, go to www.setflow.com and click the "**GET SETFLOW MOBILE**" link at the bottom of the screen which will open the APP STORE where you can install the app.

4 TURN ON HANDHELD BLUETOOTH

On your handheld (iPhone, iPod, etc..), please make sure that Bluetooth is ON within your handheld settings.

Go to SETTINGS then tap on Bluetooth and toggle the switch to ON.

AT THE SERVICE LOCATION...

5 ARRIVE AT THE SERVICE LOCATION

Arrive at the service location where the valve will be installed and place the valve as near to the physical location the valve will be installed before proceeding.

This will help to ensure that there is a good network connection at the actual service location before plumbing the valve.

6 CONNECT CABLE TO THE ITRON 100w+

Now connect the gray serial interface cable from the valve to the middle blue port on the Itron 100w+ radio.

7 LOGIN TO SETFLOW MOBILE & TURN ON LOCATION SERVICES

TAP the SETflow Mobile App icon on your home screen.

Press YES to turn on LOCATION SERVICES or you will be unable to provision the valve.

LOGIN with the credentials provided by your administrator. The app will immediately scan for all valves within range.

NOTE: All of our valves are discoverable when they ship, it will help if there are no other valves within range. when provisioning your valve.

8 FIND & CONNECT TO THE VALVE

In order to provision the correct valve in the list, please match the Serial Number located on the side of the valve to the Serial Number listed for your valve in the Valve List.

Once you've identified the correct valve, TAP on the valve in the list in order to connect.

9 TEST VALVE ROTATION

TAP on the POSITION button and CLOSE the valve to verify that the valve is working correctly. Complete testing by turning the Valve to the desired installation position.

If the valve does not turn, please try again. If it still does not turn make sure the Serial Number in the mobile app matches the serial number on the valve.

If Serial Numbers match and the valve does not turn, please contact SETflow Support before moving forward with provisioning.

10 CHANGE INTERFACE

The "Interface" button determines how you will control your valve. By default it is set to SET Bluetooth for provisioning.

TAP on INTERFACE then TAP the "Itron" button to switch to the Itron Interface. The app will attempt to connect to the Itron radio. If the valve can connect, the app will tell you that you are connected and you can proceed.

If the app tells you that it is unable to connect, try again, if the result is the same, please call SETflow Support before you proceed.

11 SET PREMISE ID (if applicable)

If your organization uses Premise IDs, they must be imported into SETflow Enterprise by your Administrator prior to assigning to the valve.

To assign a Premise ID, TAP on PREMISE and enter the Premise ID for the Service Location to link the Premise ID to the valve.

12 INSTALL THE VALVE

You can now plumb the valve.

13 TAKE A PICTURE & ENTER NOTES

In order for this valve to be geo-located on our SETflow Enterprise App MAPS screen please TAP on PICTURE to take a picture of the installation location.

This will give other technicians an idea of the installation location should a problem arise. You can take multiple pictures.

You can TAP on the Notes icon to add any relevant notes about the installation for future reference.

14 CONNECT TO WIFI TO COMPLETE

In order to complete the provisioning process, please make sure you connect to either a wifi or cellular data network and login to the app.

This will upload the required valve information to SETflow automatically and the process will be complete.

10 YEAR LIMITED WARRANTY

VALVE CONTROL EQUIPMENT. As used herein "Valve Control Equipment" means the remote disconnect valves and components thereof as delivered to Purchaser by SET herewith, the components of each remote disconnect valve being the valve body, motor, enclosure, battery (each a "SET Battery"), printed circuit board, connecting cables and installed software.

WARRANTY. SET warrants, to Purchaser only, that the Valve Control Equipment which is delivered to Purchaser herewith will be of the kind described herein and will be free of defects in workmanship or material for a period of ten (10) years from the date of initial delivery to Purchaser. Should any failure to conform to this limited warranty occur within ten (10) years after the date of the initial delivery to Purchaser, SET will, subject to your compliance with SET's notification and substantiation procedures described below, correct such defect(s) by suitable repair or replacement of the defective Valve Control Equipment or component thereof at the applicable SET Expense Commitment as set forth in the table below. This limited warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether expressed or implied. Correction of non-conformities, in the manner and for the period of time provided herein, shall constitute fulfillment of all liabilities of SET to Purchaser, with respect to the Valve Control Equipment, whether based on contract, negligence, strict tort or otherwise. It is the intention of SET that no warranty of any kind, whether expressed or implied shall pass through Purchaser to any other person or entity.

SET shall be responsible for the following percentages of the aggregate cost of the repair or replacement of any Valve Control Equipment to which this limited warranty applies (the "SET Expense Commitment"):

PERIOD AFTER INITIAL DELIVERY IN WHICH DEFECT IS SUBSTANTIATED	SET EXPENSE COMMITMENT
0-5 YEARS	100%
5-6 YEARS	70%
6-7 YEARS	60%
7-8 YEARS	50%
8-9 YEARS	40%
9-10 YEARS	30%

WARRANTY EXCLUSIONS. This limited warranty does not cover any Valve Control Equipment that has not been stored, installed, maintained and operated in accordance with both SET's maintenance requirements and standard industry practice, including, without limitation, the requirement that the remote disconnect valve must be rotated at least once every one hundred twenty (120) days in accordance with the Sediment Turn default as programmed in the Valve Control software.

Furthermore, this limited warranty shall not apply to any Valve Control Equipment that is damaged due to abuse, neglect, misuse, fire, accident, collision, explosion, theft, overcharging, alteration, improper installation, use of special additives, or any unauthorized attempt to repair.

NOTIFICATION AND SUBSTANTIATION OF WARRANTY CLAIM. If Purchaser believes that any defect in workmanship and/or materials appears within the ten (10) year limited warranty period to any Valve Control Equipment to which this warranty applies, Purchaser shall notify SET in writing of such claim and shall deliver the subject Valve Control Equipment to SET, at the address below, for testing and substantiation of such claim to SET's reasonable satisfaction.

LIMITATION OF LIABILITY. SET shall not under any circumstances be liable for special or consequential damages such as, but not limited to, damages or to loss of property or equipment other than Valve Control Equipment, loss of profits or revenue, cost of capital, cost of purchased or replacement goods, or claims of customers of Purchaser. The remedies of Purchaser, and any and all others, set forth herein are exclusive, and the liability of SET with respect to same shall not exceed the price of the Valve Control Equipment upon which such liability is based. It is Purchaser's and/or Purchaser's customers' responsibility to confirm that the Valve Control Equipment satisfies local codes and standards.

Warning: Changes or modifications to this device not expressly approved by Smart Earth Technologies LLC (SET) could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.