



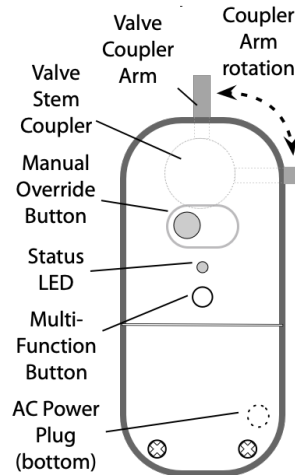
In the Box: **Tools Needed:** **Note:**

						<p>Please read these instructions carefully before installing and using the Shutoff Valve Controller.</p> <ul style="list-style-type: none"> Follow all local plumbing and water supplier regulations regarding the installation or replacement of water valves. An authorized, qualified installer may be required. Only use the power supply adapter that came with the device. Make sure the area around the device is clear and will not interfere with the movement of the valve handle. Maximum torque of the SC906ZB is 65in-lb, torque requirements vary from valve to valve. Some valves may require torque in excess of 65in-lb and will not operate. A radio repeater may be required due to the location of the valve. The manufacturer accepts no responsibility for damage caused by not following these instructions.
Shutoff Valve Controller	Power Adapter	Pipe Clamp Adaptor	Valve Coupler	Installation/Quick-start Guide	5/32" Hex Wrench (Not Included)	

CONTROLS AND INDICATORS

Status LED Indications

3 short Yellow flashes, 2-sec pause, repeat:	Searching for network, in Pairing Mode
1 short Green flash, 2-sec pause, repeat:	Connected to network
3 short Green flashes, pause, repeat:	Recommissioning Mode
Solid Green at power up:	Factory Reset Request detected
Solid Red:	Obstruction encountered



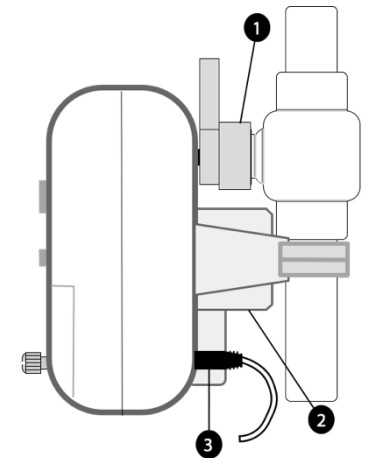
PAIRING INSTRUCTIONS

- Follow your connected home instructions to prepare to add devices to the system
- Plug in the power adapter to power up the device
- When the device is detected and added to the system, proceed to device installation

INSTALLATION INSTRUCTION

- Identify the location for the Shutoff Valve Controller (SVC) depending on the desired water valve to be controlled. Make sure of the following:
 - Location is accessible and allows operation of the valve coupler arm
 - The pivot point of the SVC Coupler must be positioned directly over the pivot point of the ball valve handle
- Remove the ball valve T-handle
- Insert the appropriate Valve Coupler (3/4" or 1") in the Valve Coupler Arm
- Choose the appropriate pipe clamp adaptor and place around the pipe
- Press the pipe adaptor onto the pipe
- Adjust the alignment of the SVC so it is directly over the ball valve handle
- Tighten the SVC pipe clamp around the pipe adaptor

- Position the SCV Valve Stem Coupler directly over the valve stem and ensure the coupler is properly engaged
- Adjust the pipe clamp height using the hex bolt on the back of the pipe clamp bracket
- Once attached to the pipe, apply power as follows:
 - Remove waterproof plug from powerjack
 - Insert barrel plug from power adapter into power jack
 - Run power cable to AC outlet, using cable clips as required
 - Plug the power adaptor into AC outlet
- Open and close the valve via the connected home system to verify that the radio signals can be received. A radio repeater may be required if the signal is weak.



FACTORY RESETTING THE DEVICE

- Press the Multi-Function Button down and power up the device by plugging in the power adapter.
- Release the button when the Status LED turns solid green. The device will now respond to pairing requests.

OPENING/CLOSING THE VALVE AT THE DEVICE

When remote control of the valve is not convenient, the valve can be opened or closed at the valve by pressing the Multi-Function button. Depending on the state of the device, the following actions will occur

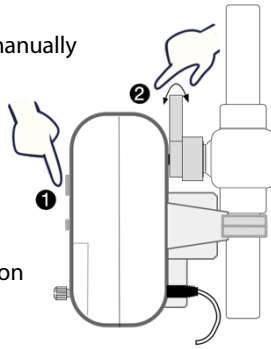
Current Valve state	Device action
Stopped Fully Closed (C)	Start opening valve
Stopped Fully Open (O)	Start closing valve
In motion (either direction)	Stop
Stopped not at C or O	Reverse previous direction

MANUAL OVERRIDE

If power is lost, the valve can be manually opened and closed as follows:

- 1 Press and hold down the Manual Override Button
- 2 Rotate the ball valve handle:
 - clockwise to close
 - counterclockwise to open

Release the Manual Override button to re-engage the motor



SPECIFICATIONS

Operating Conditions	32-122°F / 0-50°C < 90% humidity (non-condensing)
Storage	14-140°F / -10-60°C
Fits Pipes	Clamps to ¾" and 1" PVC pipe
Fits Valves	Spears Manufacturing ¼-turn, CTS ball valves, ¾" & 1"
Maximum torque	65in-lb / 7.34Nm
Protocol supported	802.15.4 radio (2.4GHz) Zigbee HA1.2
Dimensions	6.89"L x 2.87"W x 5.20"H (175mm x 73mm x 132mm) Requires clearance for unobstructed ball valve handle rotation
Weight	1.88lb / 853g
Power Adapter	AC wall outlet power supply In: 100-240 VAC, 50/60Hz, 1A Out: 4.5 VDC, 3.0A
Power cable length	5' 1.5m
Ingress Rating	IP 56
Agency Compliance	FCC, Industry Canada CE: ROHS
Compatible Devices	SG888ZB - Gateway

Note: Specifications are subject to change without notice

FCC STATEMENTS

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 receiver.
- from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC AND INDUSTRY CANADA

RF Radiation Exposure statement: This equipment complies with FCC and Industry Canada RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the antenna and all persons.

INDUSTRY CANADA

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.

SALUS WARRANTY

SALUS North America, Inc. ("Salus") warrants that for a period of five (5) years ("Warranty Period") from the date of purchase by the consumer ("Customer"), this device, excluding batteries ("Product"), shall be free of defects in materials and workmanship under normal use and service in accordance with all supplied instructions. During the warranty period, Salus shall, at its option, repair or replace any defective Products, at no charge for the device. Any replacement and/or repaired devices are warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer.

This warranty does not cover removal or reinstallation costs. This warranty does not apply to any Product (i) which has been modified, repaired, or altered, except by Salus or an authorized Salus representative, (ii) which has not been maintained in accordance with any handling or operating instructions supplied by Salus, or (iii) which has been subjected to unusual physical or electrical stress, misuses, abuse, negligence or accidents.

This warranty is the only express warranty Salus makes for the Product. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to the Warranty Period or the shortest period allowed by law.

SALUS SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

No oral or written information or advice given by Salus or a Salus-authorized representative shall modify or extend this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

Customer's sole and exclusive remedy under this limited warranty is product repair or replacement as provided herein. If a Product under warranty is defective, the Customer may:

- contact the party ("Seller") from which the Customer purchased the Product to obtain an equivalent replacement product after the Seller has determined that the Product is defective and the Customer is eligible for a replacement, or
- contact Salus Service at support@salusinc.com, to determine whether the device qualifies for a replacement. If a replacement is warranted and is shipped prior to the return of the device under warranty, a credit card is required and a hold may be placed on the Customer's credit card for the value of the replacement until the returned device is verified as eligible for replacement, in which case, the Customer's credit card will not be charged.

This warranty gives you specific legal rights, and you may also have other rights that vary from jurisdiction to jurisdiction. If you have any questions regarding this warranty, please write Salus at:

SALUS North America, Inc.
850 Main Street
Redwood City, CA 9

For Technical Support:

Phone: 1-855-557-2587

Email: support@salusinc.com

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