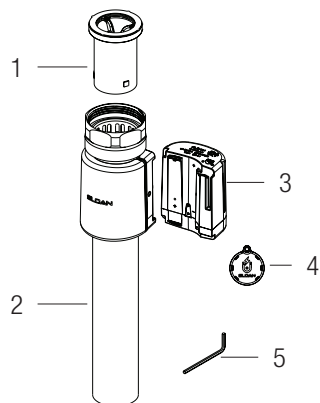


Run-On Detection For Closet and Urinal Flush Valves

V-700-AA Battery-Powered Run-on Detection for Closet and Urinal Flush Valves

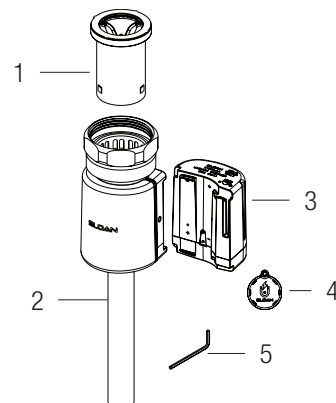
PARTS LIST

CLOSET



Item No.	Code No.	Part No.	Description
1	—	V-651-A	Vacuum Breaker Repair Kit
2	33212012	V-704-A	CP 1-1/2" x 9" Outlet Repair Kit
	33212013	V-705-A	CP 1-1/2" x 10-1/2" Outlet Repair Kit
3	33212001	V-701-A	Electronics Assembly, Non-LoT
	33212002	V-702-AC-SMT	Electronics Assembly, Closet with LoT
4	—	—	Magnet Tool
5	—	EBV-137	7/64" Allen Wrench

URINAL

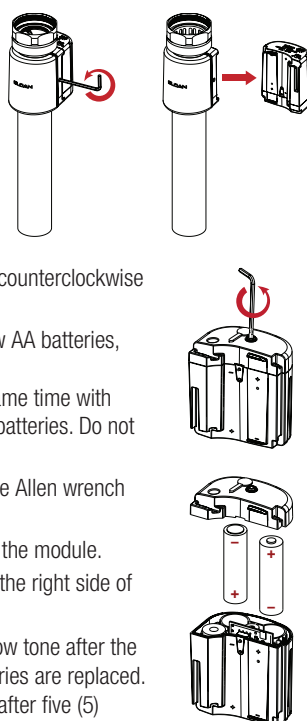


Item No.	Code No.	Part No.	Description
1	—	V-651-A	Vacuum Breaker Repair Kit
2	33212014	V-706-A	CP 3/4" x 9" Outlet Repair Kit
	33212015	V-707-A	CP 3/4" x 10-1/2" Outlet Repair Kit
3	33212001	V-701-A	Electronics Assembly, Non-LoT
	33212003	V-703-AU-SMT	Electronics Assembly, Urinal with LoT
4	—	—	Magnet Tool
5	—	EBV-137	7/64" Allen Wrench

BATTERY REPLACEMENT

- Remove the module from the vacuum breaker tube:
 - Insert the provided 7/64" Allen wrench into the small hole on the right side of the module.
 - Quarter turn the Allen wrench counterclockwise, then slide the battery compartment to the right to release it.
- Insert the Allen wrench into the hole in the top of the battery compartment lid and rotate counterclockwise to open the battery compartment.
- Replace the existing batteries with two (2) new AA batteries, ensuring the correct polarization (+ and -).
IMPORTANT: Replace both batteries at the same time with fresh, new batteries. Do not mix old and new batteries. Do not mix battery types.
- Replace the battery compartment lid, insert the Allen wrench into the hole, and rotate clockwise to secure.
- Slide the battery compartment to the left onto the module.
- Insert the Allen wrench into the small hole on the right side of the module and turn clockwise to secure.

Note: The unit will chirp three (3) times at a low tone after the valve is flushed for five (5) minutes after batteries are replaced. The unit is in a power up period and will stop after five (5) minutes.

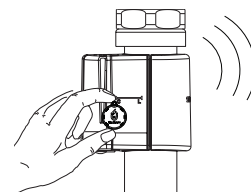


BATTERY HEALTH CHECK

To check the health of the batteries, place and hold the magnet tool close to the left side of the unit for five (5) seconds and then remove it.

- If the batteries are in good health, the unit will beep three (3) times at a low tone.
- If the batteries are low, the unit will beep once every second and the batteries should be replaced as soon as possible.
- If the batteries are exhausted, the unit will not beep indicating the unit is not operating and the batteries should be replaced immediately.

Note: The unit will chirp three (3) times after the valve is flushed for five (5) minutes after a battery check is performed. The unit is in a power up period and will stop after five (5) minutes.



Run-On Detection

For Closet and Urinal Flush Valves

TROUBLESHOOTING GUIDE

1. UNIT BEEPS IN SOS PATTERN (3 SHORT BEEPS, 3 LONG BEEPS, 3 SHORT BEEPS) AT A HIGH TONE.*

- Run-on detected. Turn off water at control stop and address cause for run-on. *Note: The run-on alert may be temporarily silenced by holding the magnet tool on the left side of the module for 2 seconds and then removing the magnet once the unit stops beeping (typically less than 10 seconds). The alert will automatically resume after one (1) hour if the run-on condition persists.*
- No run-on. Clean sensor and sensor contacts. Insert the provided 7/64" Allen wrench into the small hole on the right side of the module. Quarter turn counterclockwise and slide the battery compartment to the right to release it. Use water and a soft brush to clean the sensor located on the vacuum breaker and the sensor contacts located on the back of the battery compartment.
- No run-on. Clean sensor probes inside of vacuum breaker tube. Turn off water. Remove the vacuum breaker tube. Use water and a soft brush to clean the sensor probes inside of the vacuum breaker tube.

2. UNIT BEEPS AT A LOW TONE ONCE EVERY 2 MINUTES OR ONCE AFTER FLUSH.

- Low battery warning. Change batteries. See [Battery Replacement](#) on the previous page.

3. UNIT BEEPS AT A LOW TONE 3 SECONDS AFTER VALVE IS FLUSHED.

- Unit is in power up period. Beeping will stop on its own after five (5) minutes.

4. LEAKING SPUD COUPLING.

- Refer to valve fixture installation instructions.

NOTE: -SMT models require an SC Argus™ Pro subscription. Please contact your SC Argus Pro Sales Representative to schedule a device setup and provisioning appointment. Once provisioning is complete, you can access the SC Argus Pro portal with your valid login to the system at sloan.sc-argus.com.

IMPORTANT: This product will not prevent a run-on. Receiving timely alerts of a run-on depends on proper set up of and proximity to the product. As such, Sloan makes no guarantee you will receive an alert and is not responsible for damage/loss. See sloan.com/V-700-AA for more information about product limitations.

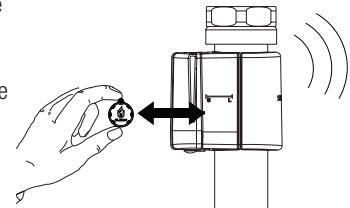
BEEP CODES

Sequence	Meaning/Action
3 short, 3 long, 3 short (SOS) at a HIGH tone*	Run-on detected. Turn off water at control stop.
1 short every 2 mins or once after each flush at a low tone	Batteries are low. Change batteries.
3 seconds at a low tone after valve is flushed	Power up period (within 5 minutes after batteries are inserted or after battery check is performed). No action needed.

***IMPORTANT:** The -SMT IoT connected models do not audibly alert for a run-on out of the box. The alert is transmitted through SC Argus Pro™ to notify users as set up in the account settings. Power Up and Low Battery beeps are audible.

To turn **ON** the audible SOS alert on -SMT IoT models:

- Hold the magnet tool on the left side of the unit for 25 seconds. The unit will beep at a LOW tone indicating the audible alert is OFF.
- Remove the magnet tool while the unit is beeping to change the setting for the audible alert to be ON.



To turn **OFF** the audible SOS alert on -SMT IoT models:

- Hold the magnet tool on the left side of the unit for 25 seconds. The unit will beep at a HIGH tone indicating the audible alert is ON.
- Remove the magnet tool while the unit is beeping to change the setting for the audible alert to be OFF.

NOTE: Holding the magnet tool on the unit for the duration of the beeping (approximately 10 beeps) will keep the current setting.

When assistance is required, please contact Sloan Technical Support at 1.888.SLOAN.14 or 1.888.756.2614.

CARE AND CLEANING

Use **ONLY** mild soap and water, then wipe dry with clean cloth or towel. **DO NOT USE** abrasive or chemical cleaners to clean flushometers as they may dull the luster and attack the chrome or special decorative finishes. **DO NOT** spray cleaning solutions directly onto the run-on detector; instead, spray into a cloth and then wipe down the flushometer.

FCC COMPLIANCE

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment.

This device complies with Part 15 of the FCC Rules. Operation 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 C digital device, pursuant to part 15 of the FCC Rules.

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada license-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 et votre corps. Cet appareil et son (ses) antenne (s) ne doivent pas être co-localisés ou utilisés conjointement avec une autre antenne ou un autre émetteur.