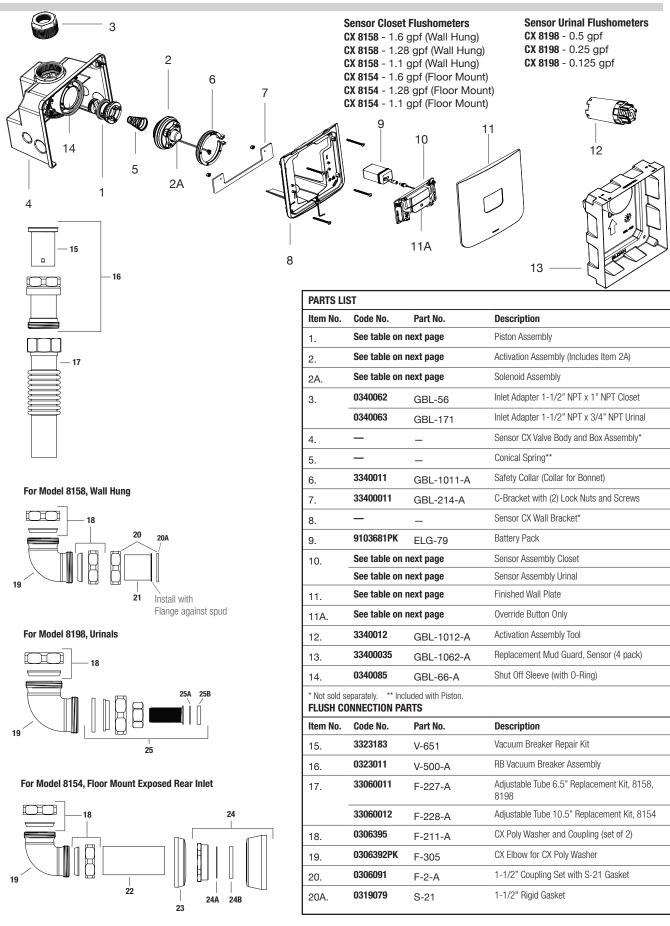
CX Sensor Flushometer



CX Sensor Flushometer

LEGACY

1.6 gpf/6.0 Lpf Closet Activation Assembly,

0.5 gpf/1.9 Lpf Urinal Activation Assembly,

1.6 gpf/6.0 Lpf Closet Activation Assembly,

1.1 gpf/4.2 Lpf Closet Activation Assembly

0.5 gpf/1.9 Lpf Urinal Activation Assembly,

Solenoid Assembly with Legacy connection

Solenoid Assembly with Pigtail connection

CX Sensor Assembly for Closet with Legacy connection

CX Sensor Assembly for Urinal with Legacy connection

CX Sensor Assembly for Closet with Pigtail connection

CX Sensor Assembly for Urinal with Pigtail connection

CONNECTION TYPES

PIGTAIL

Plug Color*

Green

Purple

Red

Burgundy

N/A; Nickel

plated brass

Plug Color*

Green

Purple

Grey

Red

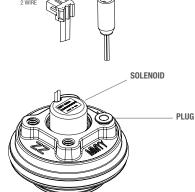
Burgundy

N/A; Nickel

plated brass

FLUSH COM	NECTION PAR	TS CONTINUED)		ITEM NO. 2	- ACTIVATION A	SSEMBLY SELECTION GUIDE	
Item No.	Code No.	Part No.	Description LEGACY CONNECTION** - PRIOR TO DECEMBER 2021 1 1/0" x C" Tube Code No. Description				IOR TO DECEMBER 2021	
21.	0306031PK	F-1	1-1/2" x 6" Tube		Code No.	Part No.	Description	
22.	0396119PK	F-101	CP Tube Outlet 1-1/2" x 10-1/2	"	3340057	GBL-1041-A	1.6 gpf/6.0 Lpf Closet Activation Assemb Legacy connection	
23.	0306237PK	F-7	Tube Flange 1-1/2" x 2-3/4" wi	th Prongs	3340058	GBL-1042-A	1.28 gpf/4.8 Lpf Closet Activation	
24.	0306146	F-5-AT	1-1/2" Spud Coupling Assembly	/ CP *			Assembly, Legacy connection	
24A.	5306058	F-3	Friction Ring 1-1/2"		3340059	GBL-1043-A	0.5 gpf/1.9 Lpf Urinal Activation Assemb Legacy connection	
24B.	5322001	VBF-5	Slip Joint Gasket 1-1/2"		3340060	GBL-1044-A	0.25 gpf/1.0 Lpf Urinal Activation	
25.	0306396	_	Urinal Flush Connection Repair	Kit		0.02	Assembly, Legacy connection	
25A.	5306055	F-3	Red Friction Ring 3/4"		33400006	GBL-1070-A	0.125 gpf/0.48 Lpf Urinal Activation Assembly, Legacy connection	
25B.	5306113	F-5	Gasket 3/4"		PIGTAIL CONNECTION** - AFTER DECEMBER 2021			
ADDITIONA	AL PARTS				Code No.	Part No.	Description	
Code No.	Part No.	Description	n		33400051	GBL-1077-A	1.6 gpf/6.0 Lpf Closet Activation Assemb	
_	F-304	Poly Washer	r 1-1/2" (Only available in F-211-/	A, Item 18)	33400052	0.001 4.070 4	Pigtail connection 1.28 gpf/4.8 Lpf Closet Activation	
33400019	GBL-1050-A	A Sensor CX F	inished Wall Plate and Button Ass	embly, SF [‡]	33400032	GBL-1078-A	Assembly, Pigtail connection	
33400021	GBL-1051-A	Sensor CX F	inished Wall Plate and Button Ass	embly, CP≠	33400062	GBL-1092-A	1.1 gpf/4.2 Lpf Closet Activation Assemb	
33400022	GBL-1052-A	A Sensor CX F	inished Wall Plate and Button Ass	embly, BN [‡]	33400053	GBL-1079-A	0.5 gpf/1.9 Lpf Urinal Activation Assemb	
33400023	GBL-1053-A	Sensor CX F	inished Wall Plate and Button Ass	embly, PB⊧	33400054		Pigtail connection 0.25 gpf/1.0 Lpf Urinal Activation	
33400024	GBL-1054-A	Sensor CX F	inished Wall Plate and Button Ass	embly, GR≠	33400034	GBL-1080-A	Assembly, Pigtail connection	
33400025	GBL-1055-A	A Sensor CX E	Button Only Replacement Kit, SF		33400056	GBL-1081-A	0.125 gpf/0.48 Lpf Urinal Activation Assembly, Pigtail connection	
33400026	GBL-1056-A	Sensor CX E	Button Only Replacement Kit, CP					
33400027	GBL-1057-A	A Sensor CX E	Button Only Replacement Kit, BN			differ. Consult factor plenoid Repair Kit #2	y to confirm you have the correct assembly. A.	
33400028	GBL-1058-A Sensor CX Button Only Replacement K				ITEM NO. 2	NO. 2A - SOLENOID ASSEMBLY SELECTION GUIDE		
33400029	GBL-1059-A	Sensor CX E	Button Only Replacement Kit, GR		Code No.	Part No.	Description	
	ounting screws and				33250013	EBV-415-A	Solenoid Assembly with Legacy connect	
			Y SELECTION GUIDE	D ' 1 D 1 t	33400078	GBL-1096-A	Solenoid Assembly with Pigtail connection	
Code No.	Part No.	Descriptio		Piston Color*	ITEM NO 1		EMBLY SELECTION GUIDE	
3340053	GBL-1037-A		Lpf Closet Piston Assembly	Green	Code No.	Part No.	Description	
33400079	GBL-1098-A		8 Lpf Closet Piston Assembly	Blue/Black	0340271	GBL-209-AC	CX Sensor Assembly for Closet with Leg	
33400061	GBL-1088-A	L. I gpt/4.2	Lpf Closet Piston Assembly	Burgundy/ Black	0340272	GBL-209-AC	CX Sensor Assembly for Urinal with Leg	
3340055	GBL-1039-A	A 0.5 gpf/1.9	Lpf Urinal Piston Assembly	Red	33400069	GBL-210-A0	CX Sensor Assembly for Closet with Pig	
3340056	GBL-1040-A	• 0.25 gpf/1.	0 Lpf Urinal Piston Assembly	Burgundy	33400071	GBL-219-A GBL-220-A	CX Sensor Assembly for Urinal with Pigt	
33400003	_	0.125 gpf/0	0.48 Lpf Urinal Piston Assembly [†]	Red/Pink		GDL-22U-A		
					NOTE: After	December 2021, th	e Activation	

NOTE: After December 2021, the Activation,
Solenoid, and Sensor Assembly connections
were changed to a pigtail style connection.



NOTE: Item No. 1 includes Item No. 5 (Conical Spring). * Colors may differ. Consult factory to confirm you have the correct Piston Assembly. + 0.125 gpf/0.48 Lpf Valve Components (Piston, Main Seat, and Activation Assembly) are NOT interchangeable with any other flush volume Valves.

ITEM NO. 1 - SENSOR PISTON IDENTIFICATION CHART

PISTO BOD FLOW CONTRO						
Flush Volume	1.6 gpf Water Closet	1.28 gpf Water Closet	1.1 gpf Water Closet	0.5 gpf Urinal	0.25 gpf Urinal	0.125 gpf Urinal
Piston Body	Green	Light Blue	Burgundy	Red	Burgundy	Red
Flow Control	Green	Black Cage	Black Cage	Red	Burgundy	Pink
Part Number	GBL-1037-A	GBL-1098-A	GBL-1088-A	GBL-1039-A	GBL-1040-A	-
Code Number	3340053	33400079	33400061	3340055	3340056	33400003

The information contained in this document is subject to change without notice



CX Sensor Flushometer

TROUBLESHOOTING GUIDE

1. Sensor LED Flashes Continuously Only When User Steps Within Range.

A. Unit is in start-up mode; no problem. This feature is active for the first ten (10) minutes of operation.

2. Red Light Blinks Four (4) Times When User Steps Within Range.

A. "AA" Batteries depleted; replace batteries, lithium or alkaline. Ensure batteries are installed with proper polarity (+) and (-). Do not mix old and new batteries or different types.

B. (Hardwired) Battery Box not connected; connect Battery Box to Sensor Assembly.

3. Valve Does Not Flush; Sensor Not Picking Up User.

A. Verify a urinal Sensor is not used on a closet Valve. Model is marked on rear of Sensor.

- B. Range is too short; recalibrate range. Restart the Sensor by holding the Override Button in for 25 seconds, then release the Override Button and step away for one (1) minute; with power connected, this is considered a Soft Reset.
- C. For Hard Reset of Sensor, remove all power connections (battery and hardwire) for one (1) minute. Reconnect power and step away from front of Sensor for 3½ minutes. Then test Sensor activation by standing in front of Sensor for ten (10) seconds, then step away and wait for flush. Test push button.

4. Valve Does Not Flush; Sensor Picking Up Opposite Wall or Surface, or Only Flushes When Someone Walks By. Red Light Flashes Continuously for First 10 Minutes Even with No One in Front of the Sensor.

- A. Verify a closet Sensor is not used on a urinal Valve. Model is marked on rear of Sensor.
- B. Range is too long; recalibrate range. Restart the Sensor by holding the Override Button in for 25 seconds, then release the Override Button and step away for one (1) minute; with power connected, this is considered a Soft Reset.
- C. If range needs to be manually shortened, reset the Sensor (follow Step 3B) and stand in front of the Sensor at desired range distance for one (1) minute.
- D. For Hard Reset of Sensor, remove all power connections (battery and hardwire) for one (1) minute. Reconnect power and step away from front of Sensor for 3½ minutes. Then test Sensor activation by standing in front of Sensor for ten (10) seconds, then step away and wait for flush. Test push button.

5. Valve Does Not Flush Even After Sensor Recalibration.

- A. Ensure water supply to Valve is turned on.
- B. Activation Assembly sleeve is in closed position. Turn counter-clockwise to open water flow. Note: there is approximately 1/8-turn (45°) of free spinning as the Activation Assembly engages the Shut Off Sleeve between opening and closing the Valve.
- C. Solenoid wire disconnected from Sensor. Ensure Solenoid wires are intact and Solenoid plug is connected properly.
- D. "AA" Batteries depleted; replace batteries, lithium or alkaline. Ensure batteries are installed with proper polarity (+) and (-). Do not mix old and new batteries or different types.
- E. Sensor Assembly malfunctioned. Disconnect power for one (1) minute, reconnect power, and check for start-up operation (flashing red LED). See Step 4D.
- F. Check Solenoid for activation (clicking noise when pressing Sensor Override Button). If no clicks are heard, then contact Technical Support.

6. Valve Does Not Shut Off.

- A. Ensure Solenoid is connected to Sensor.
- B. Supply line water pressure has dropped and is not sufficient to close the Valve. Close Activation Assembly until pressure is restored.
- C. Piston Bypass is clogged, Piston is damaged, or large debris stuck behind Piston. Turn off water at Shut Off Sleeve, release pressure, remove Safety Collar and Activation Assembly. Remove Piston and check inside Valve for large debris. Replace Piston if damaged or cleaning does not correct the problem.

7. Too Much Water to Fixture.

- A. Excessive flow pressure. Readjust Activation Assembly by turning clockwise to decrease flow pressure.
- B. Long Flush. Worn Piston; replace with new proper gpf/Lpf Piston.
- C. Wrong model installed; i.e., 1.6 gpf model installed on 0.5 gpf/1.9 Lpf or 0.25 gpf/1.0 Lpf urinal fixture. Replace with proper model per guide.

8. Not Enough Water to Fixture.

- A. Insufficient flow pressure. Readjust Activation Assembly by turning counter-clockwise to increase flow pressure.
- B. Water supply pressure is inadequate (low). Increase the water supply pressure. Contact the fixture manufacturer for minimum water supply requirements of the fixture.
- C. Wrong model installed; i.e., 0.5 gpf/1.9 Lpf urinal installed on a 1.6 gpf/6.0 Lpf closet fixture. Replace with proper model.
- D. Check lip seal for wear. Replace Piston if lip seal is worn or twisted.

9. Chirping Noise is Heard at the Start or End of Flush.

A. Caused by air purging from the system inside the Valve Assembly. Noise will subside with several flushes or within a day.

CARE AND CLEANING

DO NOT USE abrasive or chemical cleaners (including chlorine bleach) to clean Flushometers that may dull the luster and attack the chrome or special decorative finishes. Use mild soap and water, then wipe dry with a clean soft cloth or towel. If using a cleaner in a spray bottle, **DO NOT spray directly onto the Flushometer**, instead spray cleaner into a clean cloth and then wipe down the Flushometer.

While cleaning surrounding bathroom tile, protect the Flushometer from any splattering of cleaner. Acids and abrasive cleaning fluids will discolor or remove chrome plating.

IMPORTANT NOTE FOR 1.1 GPF FLUSHOMETERS & REPLACEMENT KITS

Sloan 1.1 gpf/4.2 Lpf ultra-high efficiency flushometers meets all applicable standards and requirements. However, with low flush volumes it is imperative that they only be used in conjunction with toilet fixtures and drain line systems designed to operate with adequate flow rates and volumes in order to effectively eliminate waste and move it out of the building. It is the responsibility of the user to ensure both of these conditions are met. Not doing so may void your warranty.

Sloan 1.1 gpf diaphragm and piston kits are designed as a replacement part for Sloan 1.1 gpf/4.2 Lpf flushometers only. They are not intended to be used as a means to reduce water consumption in flushometers with higher flush volumes such as 1.28 gpf/4.8 Lpf or 1.6 gpf/6.0 Lpf or higher. Using this kit in any manner other than with a Sloan 1.1 gpf flushometer may void your warranty.

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