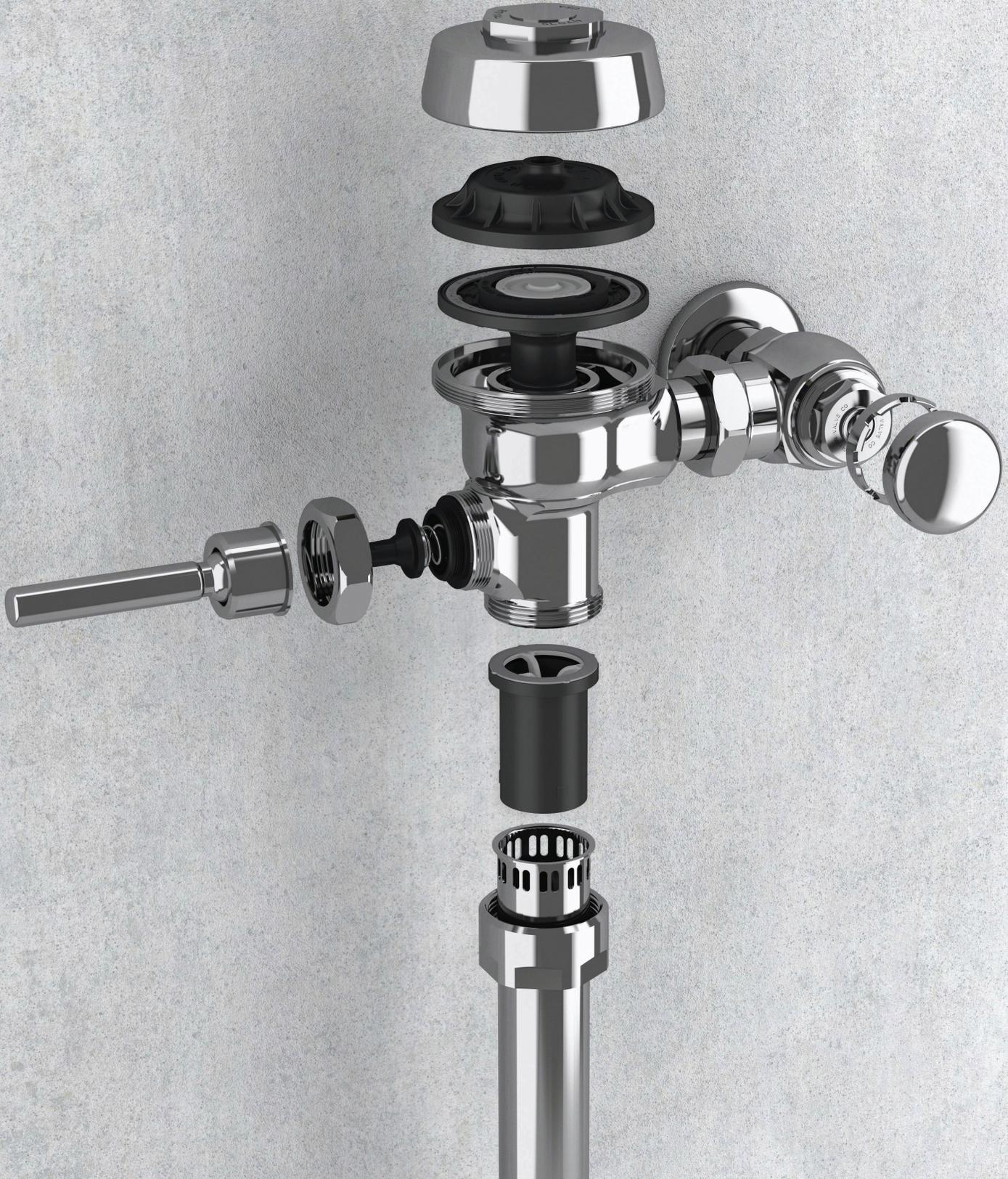


**Parts Brochure**

Keep your Sloan products working like new.





# Extend the life of your Sloan<sup>®</sup> products

Our products perform at their highest levels when maintained exclusively using Sloan Genuine Parts. We offer the largest selection of parts, manufactured and tested to Sloan specifications.

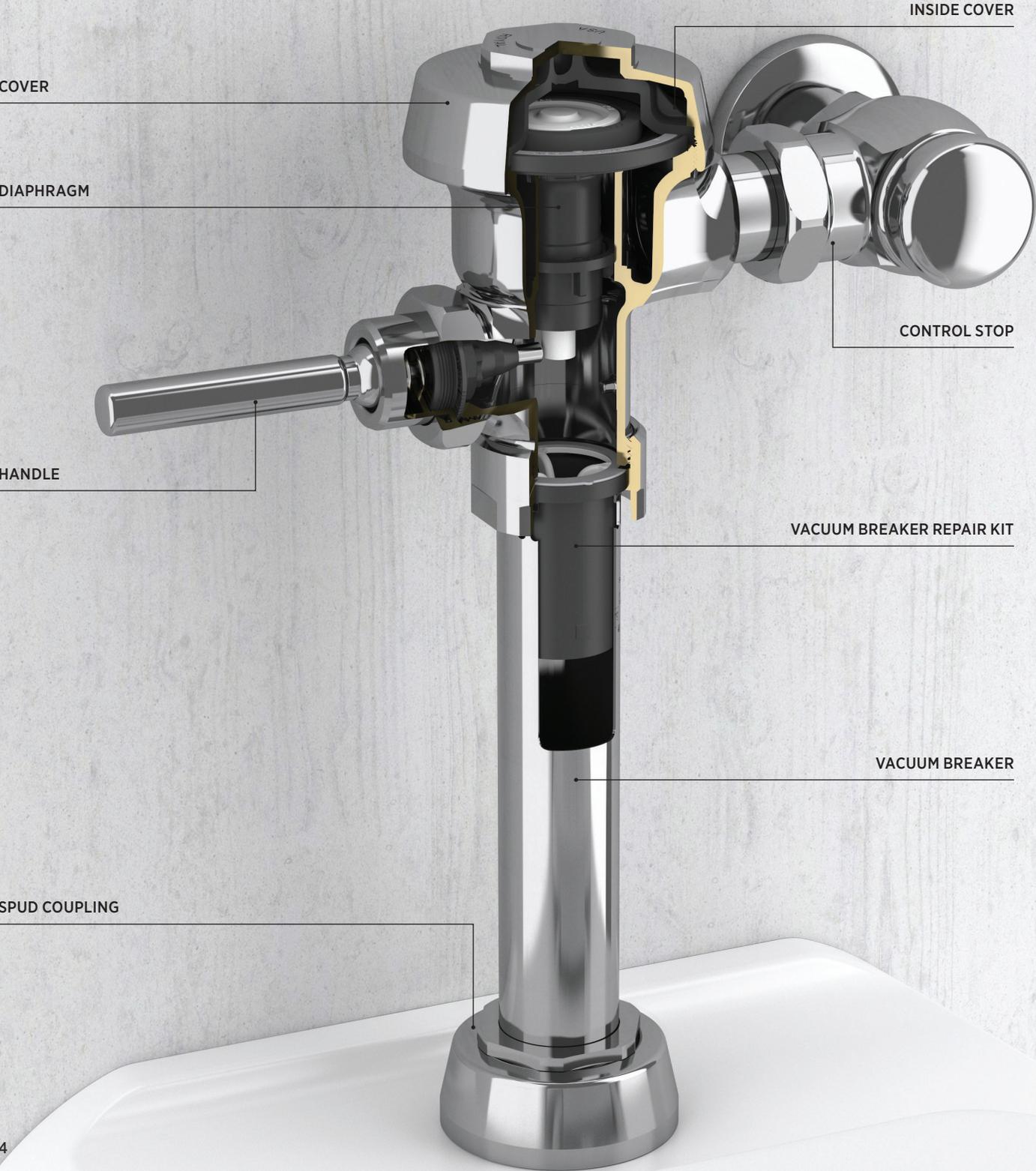
Best-in-class parts, specifically designed for the most reliable commercial restroom products, means fewer repairs, protecting your investments.

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# Royal<sup>®</sup>

The first of its kind. The best in its class.



#### DIAPHRAGM ONLY KIT

	3301143	A-1050-A	0.125 gpf (0.5 Lpf)
	3301142	A-1047-A	0.25 gpf (1.0 Lpf)
	3301124	A-1043-A	0.5 gpf (1.9 Lpf)
	3301123	A-1042-A	1.0 gpf (3.8 Lpf)
	3301119	A-1045-A	1.28 gpf (4.8 Lpf)
	3301120	A-1037-A	1.5 gpf (5.7 Lpf)
	3301122	A-1041-A	1.6 gpf (6.0 Lpf)
	3301125	A-1044-A	2.4 gpf (9.0 Lpf)
	3301121	A-1038-A	3.5 gpf (13.2 Lpf)

#### ROYAL COVER

	0301172PK	A-72
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#### INSIDE COVER

	0301168	A-71
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\* For use with 3/4" H-600-A BAK-CHEK® screwdriver control stop for urinals only (1964-1994).

\*\* For use with 3/4" and 1" H-700-A BAK-CHEK screwdriver control stops (1995-present) or 1" H-600-A BAK-CHEK screwdriver control stop (1964-1994).

#### CONTROL STOP REPAIR KIT

	3308856*	H-543-ASD	3/4" (19 mm)
	3308853**	H-541-ASD	1" (25 mm)

#### VACUUM BREAKER REPAIR KIT

	3323183	V-651-A
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#### VACUUM BREAKER

	3393004	V-600-AA	3/4" x 9" (19 x 229 mm)
	3393006	V-600-AA	1 1/4" x 9" (32 x 229 mm)
	3393007	V-600-AA	1 1/2" x 9" (38 x 229 mm)

#### SPUD COUPLING ASSEMBLY

	0306125	F-5-AW	3/4" (19 mm)
	0306140	F-5-AU	1 1/4" (32 mm)
	0306146	F-5-AT	1 1/2" (38 mm)

#### HANDLE

	3302003	B-51-A	Handle Repair Kit
	0302390	B-73-A	ADA Handle



### Royal® Performance Kit

Includes dual-filtered fixed bypass diaphragm assembly, handle repair kit with triple seal packing, high back pressure vacuum breaker repair kit, and tailpiece o-ring.

3301073	A-1106-A	0.5 gpf (1.9 Lpf)	Urinals
3301070	A-1101-A	1.6 gpf (6.0 Lpf)	Water Closets



### Royal® Tune Up Kit

Includes everything in the Royal Performance Kit with the addition of an inside cover.

3301188	A-1126-A	0.5 gpf (1.9 Lpf)	Urinals
3301184	A-1121-A	1.6 gpf (6.0 Lpf)	Water Closets

INSIDE COVER

COVER

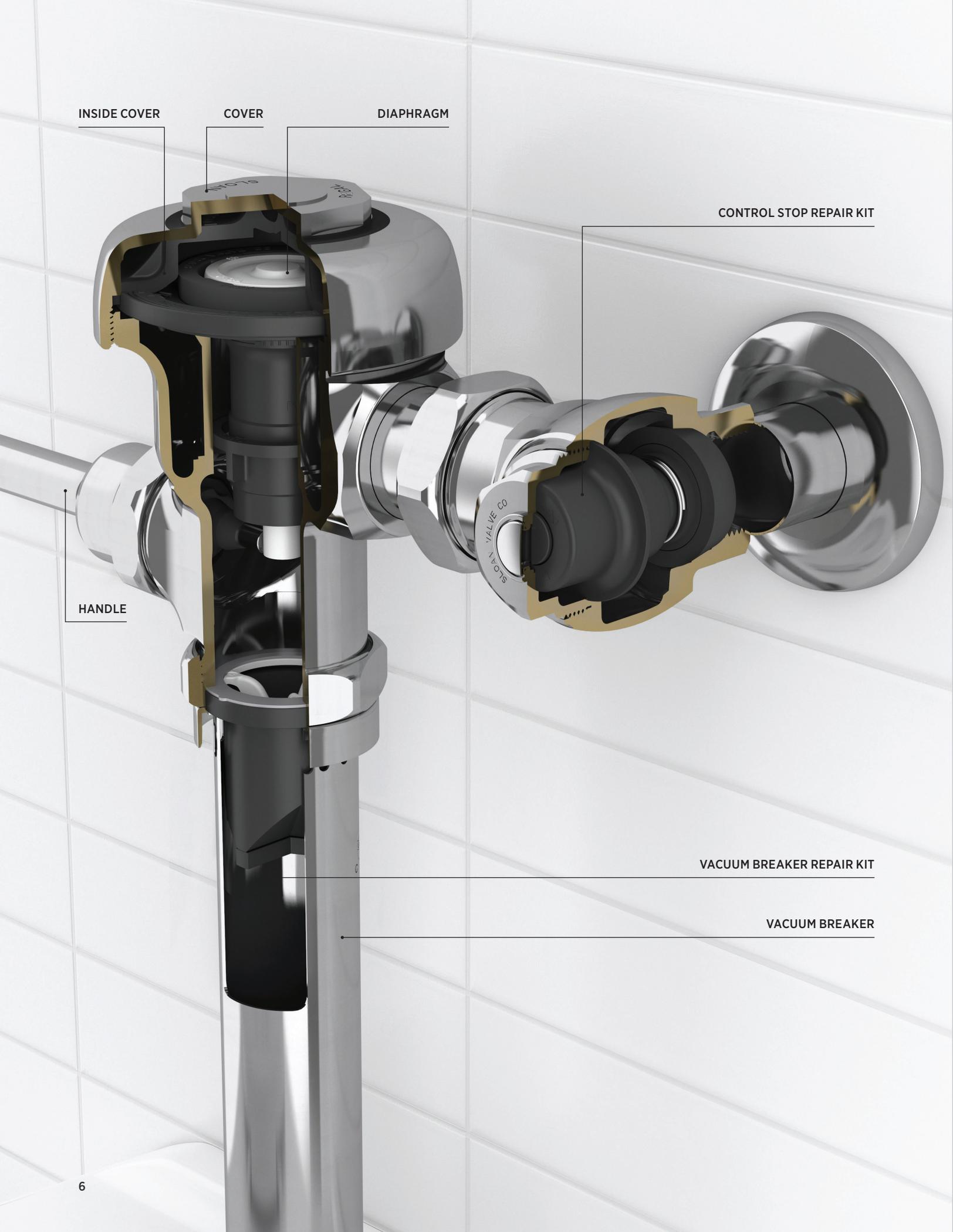
DIAPHRAGM

CONTROL STOP REPAIR KIT

HANDLE

VACUUM BREAKER REPAIR KIT

VACUUM BREAKER



# Regal®

Reliable quality, design, and performance.

## DIAPHRAGM ONLY KIT

	3301143	A-1050-A	0.125 gpf (0.5 Lpf)
	3301081	A-43-A	0.5 gpf (1.9 Lpf)
	3301044	A-42-A	1.0 gpf (3.8 Lpf)
	3301045	A-140-A	1.28 gpf (4.8 Lpf)
	3301037	A-37-A	1.5 gpf (5.7 Lpf)
	3301041	A-41-A	1.6 gpf (6.0 Lpf)
	3301024	A-44-A	2.4 gpf (9.0 Lpf)
	3301038	A-38-A	3.5 gpf (13.2 Lpf)
	3301036	A-36-A	4.5 gpf (17.0 Lpf)

## REGAL COVER

	0317004	R-10
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## INSIDE COVER

	0301168	A-71
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## CONTROL STOP REPAIR KIT

	3308856*	H-543-ASD	¾" (19 mm)
	3308853**	H-541-ASD	1" (25 mm)

## VACUUM BREAKER REPAIR KIT

	3323192	V-551-A
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## VACUUM BREAKER

	5323005	V-500-AA	¾" × 9" (19 × 229 mm)
	5323006	V-500-AA	1¼" × 9" (32 × 229 mm)
	5323007	V-500-AA	1½" × 9" (38 × 229 mm)

## HANDLE

	5302305	B-50-A	Handle Repair Kit
	0302390	B-73-A	ADA Handle

## SPUD COUPLING ASSEMBLY

	0306102	F-54-A	¾" (19 mm)
	0306142	F-55-A	1¼" (32 mm)
	0306145	F-56-A	1½" (38 mm)

\* For use with ¾" H-600-A BAK-CHEK® screwdriver control stop for urinals only (1964-1994).

\*\* For use with ¾" and 1" H-700-A BAK-CHEK screwdriver control stops (1995-present) or 1" H-600-A BAK-CHEK screwdriver control stop (1964-1994).

# ECOS<sup>®</sup> & G2

Hands-free sensor operations with dual or single-flush options.



ECOS<sup>®</sup> COVER

OVERRIDE BUTTON ASSEMBLY

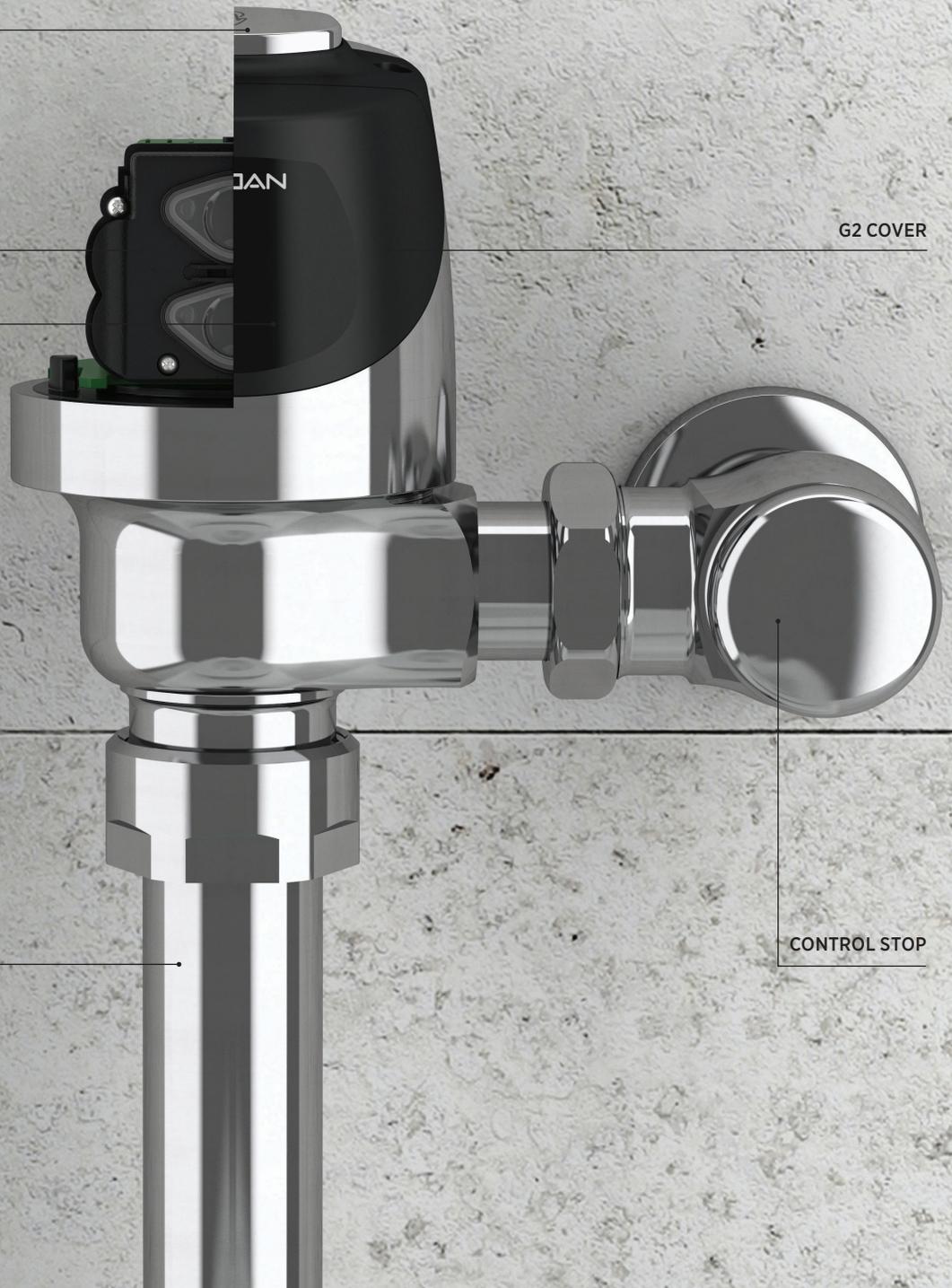
ELECTRONIC MODULE

LENS WINDOW

G2 COVER

VACUUM BREAKER

CONTROL STOP



Parts can be used for ECOS® and G2 Flushometers, except where indicated.

#### BUTTON COVER ASSEMBLY

	0372033†	WES-23-A	Dual Flush
	0325172	EBV-130-A	Single Flush

#### FLEX-TUBE DIAPHRAGM KIT

	3325090	EBV-1025-A	0.125 gpf (0.5 Lpf) or 0.25 gpf (1.0 Lpf)
	3325003	EBV-1023-A	0.5 gpf (1.9 Lpf)
	3325000*	EBV-1022-A	1.0 gpf (3.8 Lpf) or 1.5 gpf (5.7 Lpf)
	3325121†	EBV-1028-A	1.1 gpf (4.2 Lpf)
	3325031	EBV-1024-A	1.28 gpf (4.8 Lpf)
	3325001*	EBV-1020-A	1.6 gpf (6.0 Lpf) or 3.5 gpf (13.5 Lpf)
	3325014*	EBV-1021-A	2.4 gpf (9.0 Lpf)

#### CONTROL STOP REPAIR KIT

	3308856*	H-543-ASD	¾" (19 mm)
	3308853**	H-541-ASD	1" (25 mm)

#### VACUUM BREAKER

	3393004	V-600-AA	¾" × 9" (19 × 229 mm)
	3393006	V-600-AA	1 ¼" × 9" (32 × 229 mm)
	3393007	V-600-AA	1 ½" × 9" (38 × 229 mm)

#### COVER ASSEMBLY

	0325246†	EBV-191-A	Dual Flush
	0325168	EBV-142-A	Single Flush

#### LENS WINDOW COVER

	0325169	EBV-131
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#### ELECTRONIC MODULE

	3325450	EBV-129-AC	Water Closet* 1.28 – 3.5 gpf (4.8 – 13.2 Lpf)
	3325451	EBV-129-AU	Urinal* 0.5 – 1.5 gpf (1.9 – 5.7 Lpf)
	0325395†	EBV-386-AU	0.125 gpf (0.5 Lpf)
	0325396†	EBV-387-AU	0.25 gpf (1.0 Lpf)
	0325247†	EBV-196-A	1.6/1.1 gpf (6.0/4.2 Lpf)

#### VACUUM BREAKER REPAIR KIT

	3323183	V-651-A
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#### SOLENOID

	3325453	EBV-136-A
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#### SPUD COUPLING ASSEMBLY

	0306125	F-5-AW	¾" (19 mm)
	0306140*	F-5-AU	1 ¼" (32 mm)
	0306146	F-5-AT	1 ½" (38 mm)

†ECOS \*G2

\* For use with ¾" H-600-A BAK-CHEK® screwdriver control stop for urinals only (1964-1994).

\*\* For use with ¾" and 1" H-700-A BAK-CHEK screwdriver control stops (1995-present) or 1" H-600-A BAK-CHEK screwdriver control stop (1964-1994).

ELECTRONIC MODULE

COVER ASSEMBLY

VACUUM BREAKER REPAIR KIT

VACUUM BREAKER

SPUD COUPLING



# SOLIS®

Solar-powered, sensor-operated.

## COVER ASSEMBLY

	0325311	EBV-311-A	Dual Flush
	0325309	EBV-309-A	Single Flush

## CONTROL STOP REPAIR KIT

	3308856*	H-543-ASD	¾" (19 mm)
	3308853**	H-541-ASD	1" (25 mm)

## VACUUM BREAKER

	3393004	V-600-AA	¾" × 9" (19 × 229 mm)
	3393006	V-600-AA	1¼" × 9" (32 × 229 mm)
	3393007	V-600-AA	1½" × 9" (38 × 229 mm)

## SPUD COUPLING ASSEMBLY

	0306125	F-5-AW	¾" (19 mm)
	0306146	F-5-AT	1½" (38 mm)

## FLEX-TUBE DIAPHRAGM KIT

	3325090	EBV-1025-A	0.125 gpf (0.5 Lpf) or 0.25 gpf (1.0 Lpf)
	3325003	EBV-1023-A	0.5 gpf (1.9 Lpf)
	3325000	EBV-1022-A	1.0 gpf (3.8 Lpf) or 1.5 gpf (5.7 Lpf)
	3325121	EBV-1028-A	1.1 gpf (4.2 Lpf)
	3325031	EBV-1024-A	1.28 gpf (4.8 Lpf)
	3325001	EBV-1020-A	1.6 gpf (6.0 Lpf) or 3.5 gpf (13.5 Lpf)

## ELECTRONIC MODULE

	0325312	EBV-312-AC	Water Closet
	0325313	EBV-312-AU	Urinal
	0372038	WES-33-A	Water Closet Dual Flush

## VACUUM BREAKER REPAIR KIT

	3323183	V-651-A	
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## SOLENOID

	3325453	EBV-136-A	
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\* For use with ¾" H-600-A BAK-CHEK® screwdriver control stop for urinals only (1964-1994).

\*\* For use with ¾" and 1" H-700-A BAK-CHEK screwdriver control stops (1995-present) or 1" H-600-A BAK-CHEK screwdriver control stop (1964-1994).

# Faucet Parts

Engineered parts to maximize the performance of Sloan Faucets.



## BASYS® FAUCET CROWN

EFX	3324118	EFX-1-A	Standard Crown Kit (IR)
EFX	3324119	EFX-3-A	Crown Kit (Solar)

## BATTERY

EAF	3335018	EAF-1003-A	EAF-250/275/350/750
EAF	3335009	EAF-1000-A	EAF-100/150

## BELOW DECK CONTROL BOX

EBF*	3315111	EBF-11-A	Sol. Valve Module ASM Labeled
ETF*	3365000	ETF-450-A	Splash Proof Junction Box
EBF*	0365752	ETF-735-A	Junction Box/Splash Proof ASM
EBF*	0315104	EBF-60-A	Control Module w/ Solenoid
SF	0362040	SFP-40-A	Control Box w/ Range Adj. (6 Pin)

## BOX MOUNT TRANSFORMER

ETF*	0345125	EL-451	120 VAC/6 VAC-25 VA
EAF	0335037	EAF-37	100-240 VAC/6 VDC Box Mount

## CHECK VALVE KIT

ETF*	3365001	ETF-470-A	$\frac{3}{8}$ Comp Single-inlet Check Valve Kit
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\* Legacy Optima® faucets prior to 08-2018

 **GRID STRAINER DRAIN**

ETF*	0365036PK	ETF-460-A	ASM
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 **PLUG ADAPTER**

EAF/EFX	0335009	EAF-11	100-240 VAC/6 VDC Plug-in
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ETF*	0365534PK	ETF-233	120/24 VAC 35 VA Plug-in
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 **POWER SPLITTER**

EAF	0335044	EAF-44	Power Splitter EAF-100/200/700
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 **SENSOR ASSEMBLY**

EAF	0335013	EAF-14-A	Solar w/o Click (EAF-275)
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ETF*	3365460	ETF-1019-A-LL	Micr. Sen./Box Kit L/ Logo
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EAF	0335002	EAF-3-A	Battery w/o Click (IQ)
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SF	0362041	SFP-41-A	w/ Range Adj. (6 Pin)
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ETF*	0305946PK	EL-3500-A	Microphone
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ETF*	3305623	EL-1500-LLT	Rep. Kit Lav. w/ Timeout
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EAF	0335003	EAF-4-A	Battery w/ Click (IQ)
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EAF	0335014	EAF-16-A	Solar w/ Click (EAF-275)
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ETF*	3305622	EL-1500-LL	Repair Kit Lavatory
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 **SPOUT ASSEMBLY**

EBF*	3315016	EBF-10-A	Spout Sub-ASM (EBF-85)
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 **TEMPERATURE MIXING VALVE**

ALL	3326009	MIX-60-A	Mechanical Mixing Valve
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ALL	0326045PK	MIX-135-A	Thermostatic Mixing Valve
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 **TRIM PLATE**

ETF*	3365468	ETF-312-A	4" Cent. 1 HL
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ETF*	3365024	ETF-510-A	8" Cent. 1 HL
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 **SINK ENCLOSURE**

ALL	0365059	ETF-529	Lavatory Protection
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 **SOLENOID VALVE**

EAF	0335001	EAF-2	Solenoid Cartridge (FCT)
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<b>NEW OPTIMA</b>	0367103	EFP-103-A	Solenoid Caddy Repair Kit
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EBF*	0365758	ETF-740-A	6 VDC Solenoid Valve Assembly, 3/8 Comp.
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ETF*	0305849PK	ETF-370-A	24 VAC Solenoid Valve Assembly
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ETF*	0365774	ETF-742-A	Solenoid 6 VDC w/ Cable
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EBF	3315254	EBF-1011-A	Rep. Kit Bat. (EBF-60-A)
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ETF*	3305577	ETF-1009-A	24 VAC Solenoid Rebuild Kit (ETF-370-A)
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EFX	3324123	EFX-16-A	Solenoid Caddy Kit 1.5 Mid IR
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EFX	3324122	EFX-15-A	Solenoid Caddy Kit 0.5 Mid IR
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Family Guide				
Faucet parts within each family line				
BASYS®	OPTIMA®			SLOAN®
EFX	EBF	ETF	EAF	SF
EFX-1XX	EBF-85	ETF-80	EAF-1XX	SF-21XX
EFX-2XX	EBF-187	ETF-880	EAF-2XX	SF-22XX
EFX-3XX	EBF-550	ETF-500	EAF-3XX	SF-23XX
EFX-6XX	EBF-615	ETF-610	EAF-7XX	SF-24XX
EFX-8XX	EBF-650	ETF-600	EAF-9XX	
	EBF-665	ETF-660		
	EBF-750	ETF-700		
	EBF-775	ETF-770		
	EBF-850	ETF-800		

# Maintenance Guide

Flushometer and faucet parts schedules for optimal performance.

## Manual diaphragm flushometers

LIFE EXPECTANCY Industry Standard / Sloan Standard		MAINTENANCE INDICATOR	3/4+ years	3/5+ years	15/20+ years
	<b>Handle assembly</b> Internal parts	<ul style="list-style-type: none"> <li>Leaking around the handle</li> <li>Drooping handle</li> <li>Short erratic flush</li> </ul>	✓		
	<b>Vacuum breaker</b> Internal (baffle and sack)	<ul style="list-style-type: none"> <li>Leaking around the vacuum breaker vent holes during or after flush cycle</li> </ul>	✓		
	<b>Inside cover</b>	<ul style="list-style-type: none"> <li>Slow leaks into the fixture</li> <li>Flush cycle too long or too short</li> <li>Grooves cut into inner cover from diaphragm segments</li> </ul>	✓		
	<b>Diaphragm kit</b> Regal®	<ul style="list-style-type: none"> <li>Slow leaks into the fixture</li> <li>Flush cycle too long or too short</li> </ul>	✓		
	<b>Diaphragm kit</b> Royal®/Sloan®	<ul style="list-style-type: none"> <li>Slow leaks into the fixture</li> <li>Flush cycle too long or too short</li> </ul>		✓	
	<b>Stop assembly</b> Internal parts	<ul style="list-style-type: none"> <li>Leaking around the stop</li> <li>Failure to completely shut off water</li> <li>Excessive wrench marks on bonnet</li> </ul>		✓	
	<b>Brass parts</b> Body, outside cover, stop, and vacuum breaker tube	<ul style="list-style-type: none"> <li>Compromised chrome finish</li> <li>Missing or distorted threads</li> </ul>			✓
	<b>Flanges &amp; connections</b>	<ul style="list-style-type: none"> <li>Compromised chrome finish</li> <li>Missing or distorted threads</li> <li>Excessive wrench marks on coupling</li> <li>Leaking around connections</li> </ul>			✓

## Battery-powered diaphragm flushometers

Same as manual diaphragm flushometer with exception of following parts

LIFE EXPECTANCY Industry Standard / Sloan Standard		MAINTENANCE INDICATOR	3/4+ years	3/6+ years	5/7+ years	20/25+ years
	<b>Batteries-alkaline</b>	<ul style="list-style-type: none"> <li>Blinking LED</li> <li>Unit will not flush</li> </ul>		✓		
	<b>Sensor ring cover assembly</b> Includes solenoid	<ul style="list-style-type: none"> <li>Unit will not flush</li> <li>Unit will continuously leak into fixture</li> </ul>			✓	

## Hardwired diaphragm flushometers

Same as battery-powered diaphragm flushometer with exception of following parts

LIFE EXPECTANCY Industry Standard / Sloan Standard		MAINTENANCE INDICATOR	3/4+ years	3/6+ years	5/7+ years	20/25+ years
	<b>Actuator cartridge assembly</b>	<ul style="list-style-type: none"> <li>Leaking around button upon activation</li> <li>Sensor and solenoid work, but will not flush</li> </ul>	✓			
	<b>Solenoid</b>	<ul style="list-style-type: none"> <li>Unit will not flush</li> <li>Unit will continuously leak into fixture</li> </ul>			✓	
	<b>Transformer</b>	<ul style="list-style-type: none"> <li>Unit will not flush at all, no power to the sensor</li> </ul>				✓

## Hydraulic actuator flushometers

Same as manual diaphragm flushometer with exception of hydraulic push button assembly

LIFE EXPECTANCY Industry Standard / Sloan Standard		MAINTENANCE INDICATOR	3/4+ years	3/5+ years
	<b>Hydraulic push button assembly</b>	<ul style="list-style-type: none"> <li>Leaking around the button upon activation</li> </ul>	✓	

## Manual piston flushometers

Same as manual diaphragm flushometer with exception of piston kits

LIFE EXPECTANCY Industry Standard / Sloan Standard		MAINTENANCE INDICATOR	3/4+ years	3/5+ years
	<b>Piston kit-GEM-2®</b>	<ul style="list-style-type: none"> <li>Slow leaks into the fixture</li> <li>Flush cycle too long or too short</li> </ul>	✓	
	<b>Piston kit-Crown®</b>	<ul style="list-style-type: none"> <li>Slow leaks into the fixture</li> <li>Flush cycle too long or too short</li> </ul>		✓

## Faucets

LIFE EXPECTANCY Industry Standard / Sloan Standard		MAINTENANCE INDICATOR	3/4+ years	3/5+ years
	<b>Solenoid</b>	<ul style="list-style-type: none"> <li>Slow leak</li> <li>No flow</li> <li>Continuous run-on</li> </ul>		✓



Water Connects Us®

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