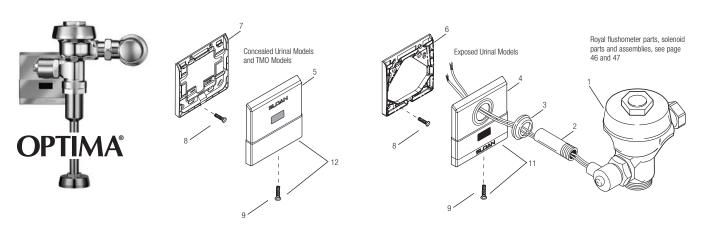
Repair Parts and Maintenance Guide

Optima® Flushometers

Current style Royal® (after 09/26/10)



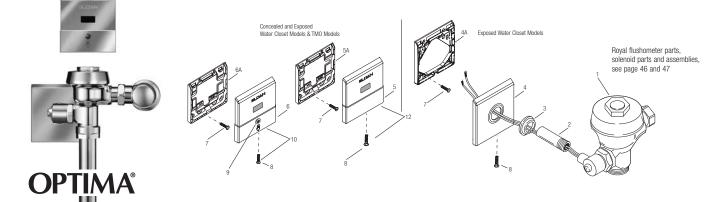
CURRENT COVER AND MOUNTING PLATE PARTS FOR ROYAL® URINAL FLUSHOMETER

ltem No.	Code No.	Part No.	Description
1.	‡		Solenoid Activated Valve Assembly
2.	0306249P	K F-15	Tail Assembly 3/4" x 6"
3.	0345150	EL-431-A	Flange Assembly
4.	3305100	EL-640-A	CP Cover Plate with Sensor and Mounting Hardware Assembled (Exposed Models) (includes EL-549 mounting plate)
5.	3305101	EL-645-A	CP Cover Plate with Sensor Assembled (Concealed Models) (includes EL-592 Moutning Plate)
6.	0305251PK	K EL-549-A	Exposed Urinal Mounting Plate Kit

ltem No.	ı Code No.	Part No.	Description
7.	0305292PK	EL-592-A	Concealed Urinal Mounting Plate Kit
8.	_		Screws (Flat Head Slotted #6/32)
9.	5305100	EL-674	Wall Plate Screw Kit (#6-32 x 15.87mm)
†	3305620	EL-1500	Urinal Sensor Replacement (Exposed and Concealed Models, not shown)

† NOTE: For exposed & concealed solenoids manufactured before 2003 or not shown here, consult factory for individual part assembly.

Part number varies with valve model variation; consult factory.



Item

CURRENT COVER AND MOUNTING PLATE PARTS FOR ROYAL® CLOSET FLUSHOMETER

Item			
No.	Code No.	Part No.	Description
1.	‡		Solenoid Activated Valve Assembly
2.	0306249P	K F-15	Tail Assembly ⁺
3.	0345150	EL-431-A	Flange Assembly
4.	3305105	EL-625-A	CP Cover Plate with Mounting Hardware (Closet only) (includes EL-549 mounting plate)
4A.	0305251P	K EL-549	Exposed Closet Mounting Plate
5.	3305107	EL-635-A	Concealed CP TMO Cover Plate with Sensor (includes Mounting Kit)
5A.	0305292PI	K EL-592	Concealed Closet TMO Mounting Plate

No. Code No. Part No. Description 6. 3305104 EL-595-A CP Cover Plate with Sensor and Override Switch Assembled (Closet only) Exposed ES-S 6A. 0305292PK EL-592 Exposed & Concealed Closet Mounting Plate Screws (Flat Head Slotted #6/32 EL-1500-L Closet Sensor Replacement Kit (Closet only, 3305621 t not shown) 3345095 EL-1034-AButton Assembly Repair Kit 8 5305100 EL-674 Wall Plate Screw Kit (#6-32 x 15.87mm) (6 per kit) 9 3345095 EL-1034-A ESS Override Repair Kit for EL-595-A

PLATES ONLY

ltem				†
No.	Code No.	Part No.	Description	
10.	3345090	EL-1030-A	Plate Assembly Only w/ Set Screw*	‡ *
11.	3345091	EL-1031-A	Plate Assembly Only w/ Set Screw*	
12.	3345092	EL-1032-A	Plate Assembly Only w/ Set Screw*	

t	NOTE: For exposed & concealed solenoids manufactured before 2003 or not shown here, consult factory for
	individual part assembly.

Part number varies with valve model variation; consult factory.

* Mounting plates do not include sensor.