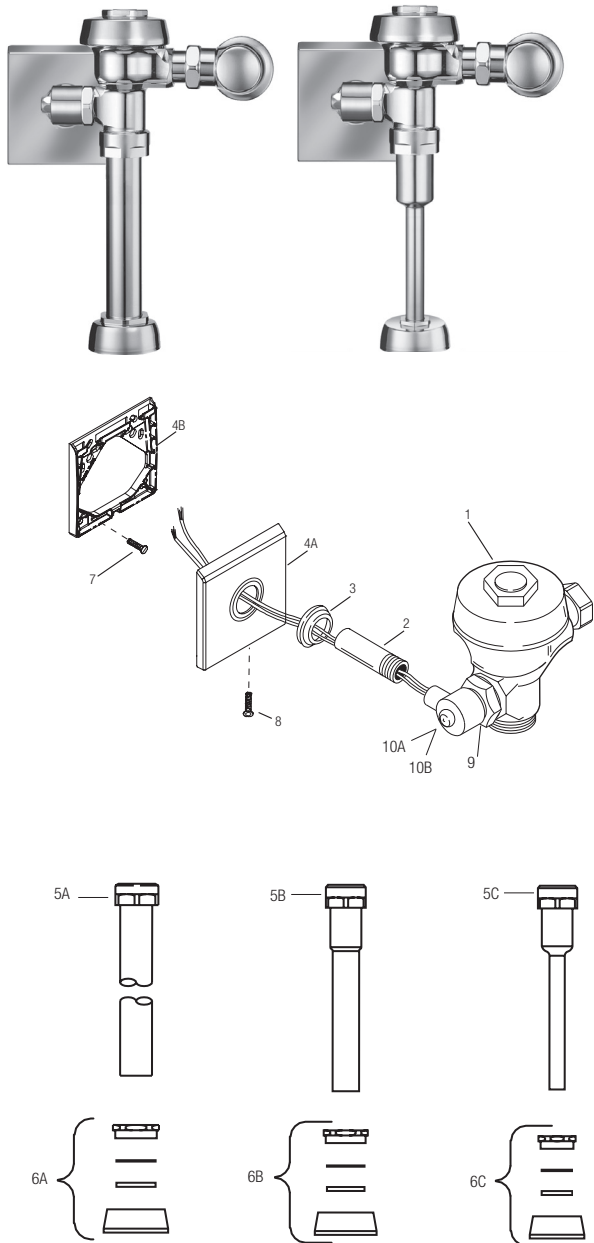


Optima® Royal® ES 24V/120V Exposed Flushometer



ROYAL® OPTIMA® ES 24/120V EXPOSED FLUSHOMETER PARTS LIST

Item No.	Code No.	Part No.	Description
1.	‡		Solenoid Activated Valve Assembly
2.	0306249PK	F-15	Tail Assembly
3.	0345150	EL-431-A	Flange Assembly
4A.	3305105	EL-625-A	Cover Plate w/Mounting Hardwar (Closet only) (Includes EL-549 Mounting Plastic plate)
4B.	0305251PK	EL-549	Exposed Closet Mounting Plate
5A.	—	V-600-AA	1-1/2" (38 mm) Vacuum Breaker Assembly CP (Models 110/111, 115, and 116)
5B.	—	V-600-AA	1-1/4" (32 mm) x 9" (229 mm) Vacuum Breaker Assembly CP (Model 180 ES-S)
5C.	—	V-600-AA	3/4" (19 mm) x 9" (229 mm) Vacuum Breaker Assembly CP (Model 186 ES-S)
6A.	0306146	F-5-AT	1-1/2" (38 mm) Spud Coupling Assembly CP (Models 110/111, 115, and 116)
6B.	0306140	F-5-AU	1-1/4" (32 mm) Spud Coupling Assembly CP (Model 180)
6C.	0306125	F-5-AW	3/4" (19 mm) Spud Coupling Assembly CP (Model 186)
6D.	SEE SLIP JOINT GASKETS AND RINGS ON TABLE BELOW		
7.	‡		Screws (Flat Head Slotted #6/32)
8.	5305100	EL-674	Wall Plate Screw Kit (#6/32 x 15.87 mm) (6 per kit)
9.	3305043	EL-128-A	Actuator Cartridge
10A.	0305329	EL-124-2	CP 24V Solenoid Assembly Only
10B.	0305328	EL-124-1	CP 120V Solenoid Assembly Only
	3305045	EL-1028-A	Solenoid Assembly (24V) w/ Cartridge Assembly
	3305044	EL-1029-A	Solenoid Assembly (120V) w/ Cartridge Assembly
12.	3325814	EBV-1017-A	CP Valve Handle Cap
14.	3302306	B-51-A	Triple Seal Handle Repair Kit
15.	3345080	EL-126-A	ESS to TMO Retrofit Conversion Kit (Exposed*)
*	3388015	H-1015-A	Flow Control Kit (HEU Only) (not Shown)
*	0305163	EL-172-A	Electric Push Button Assembly (Optional)

‡ Part number varies with valve model variation; consult factory.

* Not shown

ITEM 6D. SLIP JOINT GASKETS AND RINGS

Size	Code No.	Part No.	Description
1-1/2"	5306058	F-3	Red Friction Ring
	5322001	VBF-5	Black Slip Joint Gasket
	0319086/5319086	S-30	Flexible Seat
	0319079	S-21	Rigid Seat (rubber over brass)
1-1/2" x 1-1/4"	0396062	F-105	Slip Joint Gasket – Rigid
1-1/4"	5306057	F-3	Red Friction Ring
	5322176	VBF-5	Black Slip Joint Gasket
	0307052/5307052	G-21	Rigid Seat (rubber over brass)
1"	5306056	F-3	Red Friction Ring
	5306115	F-5	Black Slip Joint Gasket
3/4"	5306055	F-3	Red Friction Ring
	5306113	F-5	Black Slip Joint Gasket

Solenoid Activated Royal® Model Flushometer for floor mounted or wall hung fixtures. Model "ES" Flushometers are activated remotely by an electric push button (not included). Royal "ES" Flushometers offer solutions for installations that require automatic, remote or other Flushometer control requirements.