

**CODE NUMBER**

33250044

**DESCRIPTION**

1.6/2.4/3.5 gpf, Rough Brass Finish, Fixture Connection , Single Flush, Battery, LED Metal Button Fixture Wall Actuator Push Button, Piezo, PWT™ Concealed Solenoid (less sensor) Water Closet PWT Flushometer.

**DETAILS**

- Flush Volume: 1.6/2.4/3.5 gpf (6.0/9.1/13.2 Lpf)
- Finish: Rough Brass (RB)
- Power Type: Battery ( )
- Battery Life: 5 years
- Valve: Diaphragm
- Fixture Type: Water Closet
- Touch Button: LED (LED)
- Push Button: LED Metal Button Fixture Wall Actuator ( )

**FEATURES**

- Program set to dorm setting
- Program is field changeable to 15, 30, 45 and 60 minute lockout times
- Can be used with stainless-steel water closet fixtures from Acorn®, Bradley®, Metcraft® and other manufacturers
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 1.6, 2.4 and 3.5 gpf options
- Adjustable tailpiece accommodates various installation height
- Single Flush
- Solenoid operated
  
- Includes LED touch button
- Stainless steel, vandal proof button, chemical resistant push-button operation designed with non-hold-open feature to keep fixture from surpassing intended water consumption
- Connector cable has white arrows for easy alignment
  
- Battery powered
- Four (4) Size AA Battery Power source
- Low Battery flashing LED
- Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass
- Valve shall be in compliance to the applicable sections of ASSE 1037
  
- **Conversion Kit for**
- **Manual flushometers:**
  - Royal 603
  - Royal 611
  - Royal 613
- **Hydraulic flushometers:**
  - Royal 9603
  - Royal 9611



**COMPLIANCES & CERTIFICATIONS**



(ADA Compliant, BAA Compliant, cUPC Certified, UL Certified)

**RECOMMENDED SPECIFICATION**

Valve shall be in compliance to the applicable sections of ASSE 1037.

**ELECTRICAL SPECIFICATIONS**

- Battery Life: 5 years

**VALVE OPERATING PRESSURE (FLOWING)**

15–80 PSI (103–552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

**DOWNLOADS**

- [8603-ESM Retrofit Installation Instructions](#)
- [8603-ESM Maintenance Guide](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Additional Downloads](#)

**NOTES**

All information contained within this document subject to change without notice.

Looking for other variations of the PWT-ESM RESS product?  
[View the general spec sheet with all options.](#)

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- Royal 9613
- Fixture Type: Water Closet