

# LAVATORY FAUCETS

- Innovations® Electronic Faucet
- Deck Mount
- Single and 3 Hole Sink Applications
- Electronic Battery Operated
- Convertible to Hardwire Operation

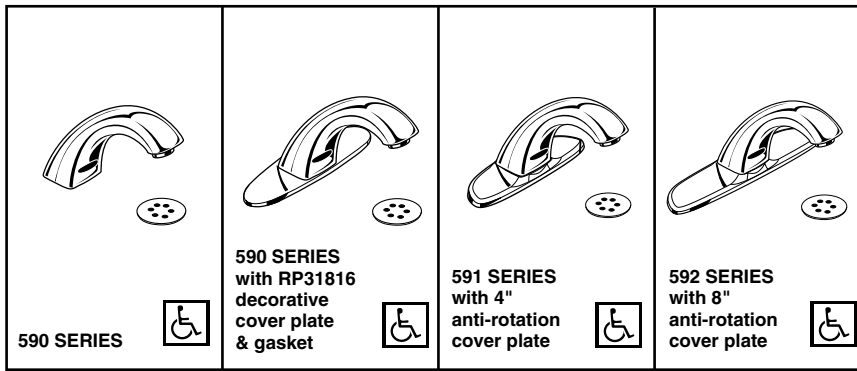


## COMPLIES WITH:

- ASME A112.18.1
- CSA B125
- ♿ Indicates ADA compliance to ICC/ANSI A117.1

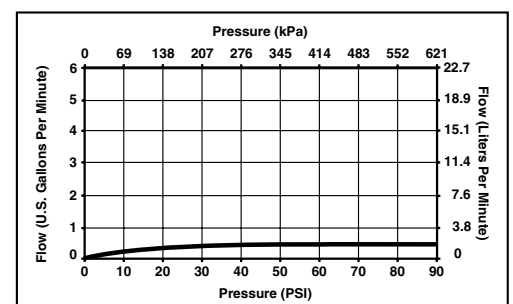
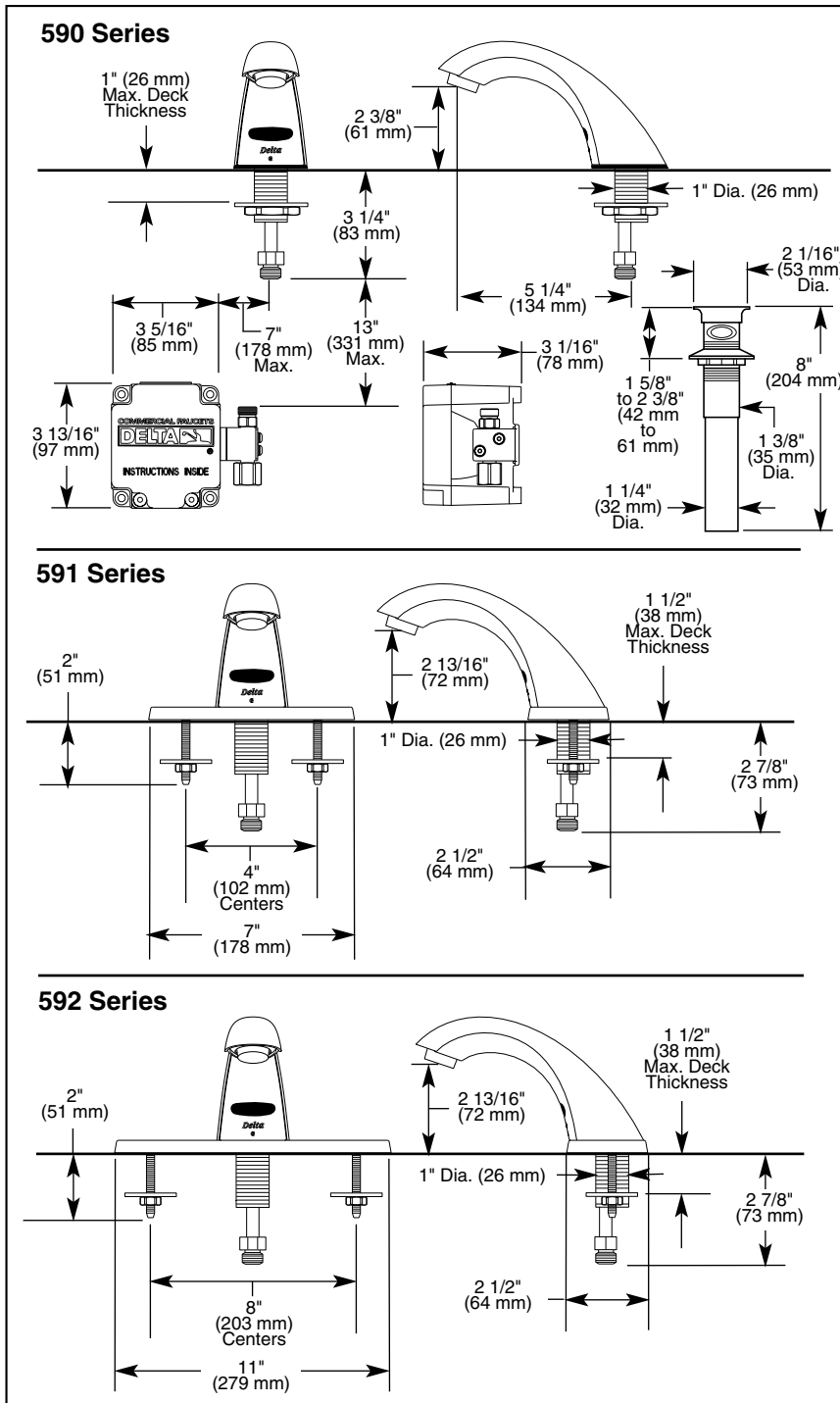
## STANDARD SPECIFICATIONS:

- Hands free (touchless) operation.
- Includes self-adaptive technology. No external adjustments required.
- All metal faucet construction.
- No lift rod hole.
- .5 gpm (1.9 L/min) vandal resistant spray outlet. Total flow per actuation must not exceed .25 gals/cycle (.95 L/cycle).
- 1.5 gpm (5.94 L/min) vandal resistant spray outlet available (RP31705).
- Powered by 4 "AA" batteries.
- Low battery audible beep will activate after faucet shuts off when approximately 1500 cycles remain. Will reset once obstruction is removed.
- Serviceable filter screen upstream of the valve.
- Model 591 Series-4" (102 mm) centers. 2 1/2" x 7" (64 mm x 178 mm) forged coverplate with locking mechanism (anti-rotation).
- Model 590 Series-Center mount. Single hole installation.
- Model 592 Series-8" (203 mm) centers. 2 1/2" x 11" (64 mm x 279 mm) forged coverplate with locking mechanism (anti-rotation).
- Convertible to Hardwire using standard transformer (120VAC to 24VAC) and Delta converter (24VAC to 6.4VDC) (RP32494).



Submitted Model No.: \_\_\_\_\_

Specific Features: \_\_\_\_\_



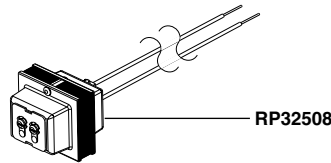
Standard Features	590-HGMHDF	590-LGHGMHDF	590-NCHGMHDF	590-PBHGMMHDF	591-HGMHDF	591-LGHGMHDF	591-NCHGMHDF	591-PBHGMMHDF	592-HGMHDF	592-LGHGMHDF	592-NCHGMHDF	592-PBHGMMHDF
One Hole Installation	◆	◆	◆	◆								
Three Hole Installation w/Forged Cover Plate (4" Centers)					◆	◆	◆	◆				
Three Hole Installation w/Forged Cover Plate (8" Centers)									◆	◆	◆	◆
.5 gpm (1.9 L/min) Vandal Resistant Spray Outlet	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chrome Finish	◆	◆			◆	◆			◆	◆		
<i>Brilliance</i> ® Pearl Nickel Finish			◆				◆				◆	
<i>Brilliance</i> ® Polished Brass Finish				◆				◆				◆
Grid Strainer	◆	◆	◆	◆	◆		◆	◆	◆		◆	◆

NOTE: For optimum performance of this product, we recommend a system pressure between 10 and 80 PSI static. This product will operate up to a maximum of 125 PSI static per ANSI and CSA requirements. However, we do not recommend pressures above 80 PSI. Thermal expansion or leaking pressure reducing valves may require use of expansion tanks or relief valves to ensure your system never exceeds its maximum intended pressure setting.

# AC CONVERTER, HARD WIRE & PLUG-IN TRANSFORMER

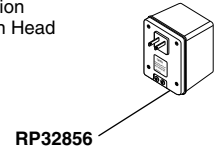
## RP32508—Hard Wire Transformer Specifications

**General:** Supplies power for up to 10 Delta Commercial 590, 591 and 592 Series electronic units already converted to hard wire  
**Input Voltage:** 120 VAC @ 60 Hz  
**Output Voltage (unloaded):** 24 VAC ± 3% @ 20 VA  
**Current Draw:** 800 MA  
**Operating Temperature Range:** 130° C Maximum Temperature  
**Physical Connections:** Universal Mounting Clip  
**Wire Size:** #18 AWG  
**Wire Length:** 11.75"  
**Wire Ends:** Stripped (Black/White)  
**Terminals:** Screw Type #6 Universal Pan Head  
**Safety Approval:** UL Listed Class 2  
 CSA Certified  
 Class B Insulation System



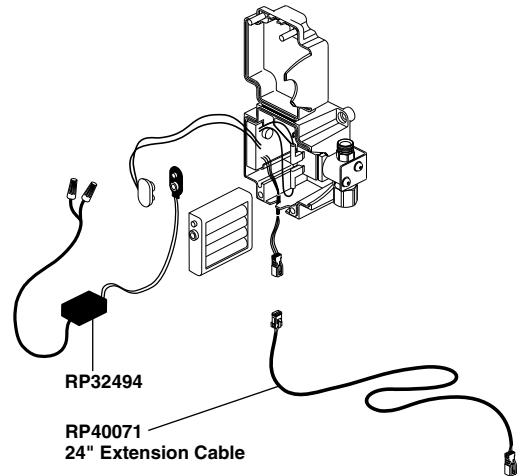
## RP32856—Plug-In Transformer Specifications

**General:** Supplies power for up to 10 Delta Commercial 590, 591 and 592 Series electronic units already converted to hard wire  
**Input Voltage:** 120 VAC @ 60 Hz  
**Output Voltage (unloaded):** 24 VAC ± 5% @ 19.2 VA  
**Current Draw:** 800 MA  
**Operating Temperature Range:** -10° C to 40° C  
**Physical Connections:** Plug-In Connection  
**Terminals:** Screw Type #6 Universal Pan Head  
**Safety Approval:** UL Listed  
 CSA Certified

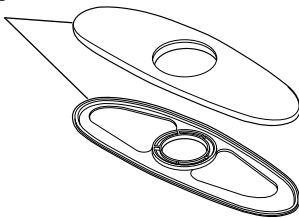


## RP32494—Hard Wire Converter Specifications

**General:** Converts Delta Commercial 590, 591 and 592 Series battery electronic faucets to hard wire  
**Input Voltage:** 24 VAC @ 60 Hz  
**Output Voltage:** 6.4 VDC ± 5%  
**Current Draw:** 600 MA  
**Operating Temperature Range:** -55° C to 85° C  
**Physical Connections:** #22 AWG Stripped Primary Connection / 9 VDC Snap Secondary Connection  
**Wire Size:** #22 AWG  
**Wire Length:** 18.0"  
**Wire Ends:** PVC jacket removal should be 2.25" ± .50" and strip length of wires should be .375" typical



## RP31816, RP31816NN, RP31816PB—Decorative Cover Plate and Gasket (2 1/4" x 6 1/4") (57 mm x 159 mm)



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