




## Battery/Hard Wire Lavatory Faucets

Innovations® single hole battery operated faucet with open grid strainer and vandal resistant 0.5 gpm laminar outlet - H2Optics® technology

### Model No: 590LF-HGMHDF

#### COMPLIES WITH:

- ASME A112.18.1 CSA/B125.1
- ASME A112.18.2 CSA/B125.2
-  Indicates compliance to ICC/ANSI A117.1
- Patented
- Verified compliant with .25% weighted average Pb content regulations
- NOTE 1: For optimum performance of this product, we recommend a system pressure between 20 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.
- NOTE 2: Designed for routine 171° F (77°C) disinfection cycles up to 30 minutes.
- (Contact Delta Representative for State and/or Local Approvals)



#### NOTES:

Supplied as COMPLETE PRODUCT ONLY

#### SPECIFICATION:

- Hands free (touchless) on/off activation.
- H2Optics® technology. No external adjustments required.
- All metal faucet construction.
- No lift rod hole.
- 0.5 gpm (1.9 L/min) vandal resistant laminar outlet.
- 1.5 gpm (5.94 L/min) vandal resistant spray outlet available (RP31705).
- Powered by 4 "C" batteries.
- Low battery audible beep will activate after faucet shuts off when approximately 1500 cycles remain.
- Operates with a 45 second maximum run time. Will reset once obstruction is removed.
- Serviceable filter screen upstream of the valve.
- Model 591LF Series – 4" (102 mm) centers. 2 1/2" x 7" (64 mm x 178 mm) forged coverplate with locking mechanism (anti-rotation).
- Model 590LF Series – Center mount. Single hole installation.
- Convertible to Hardwire using standard transformer (120VAC to 24VAC) and Delta converter (24VAC to 6.4VDC) (060683A).
- Convertible to Hardwire with Battery Backup using standard transformer (120VAC to 24VAC) and Delta converter (24VAC to 6.4VDC) (061047A). (See DSP-BB for detailed specification).
- Optional 24" Extension Cable (061298A).
- Optional 8" Coverplate for field conversion (RP34280).
- Model 590LF Series – Center mount. Single hole installation
- Open grid inline waste strainer with overflow holes

#### OPERATION:

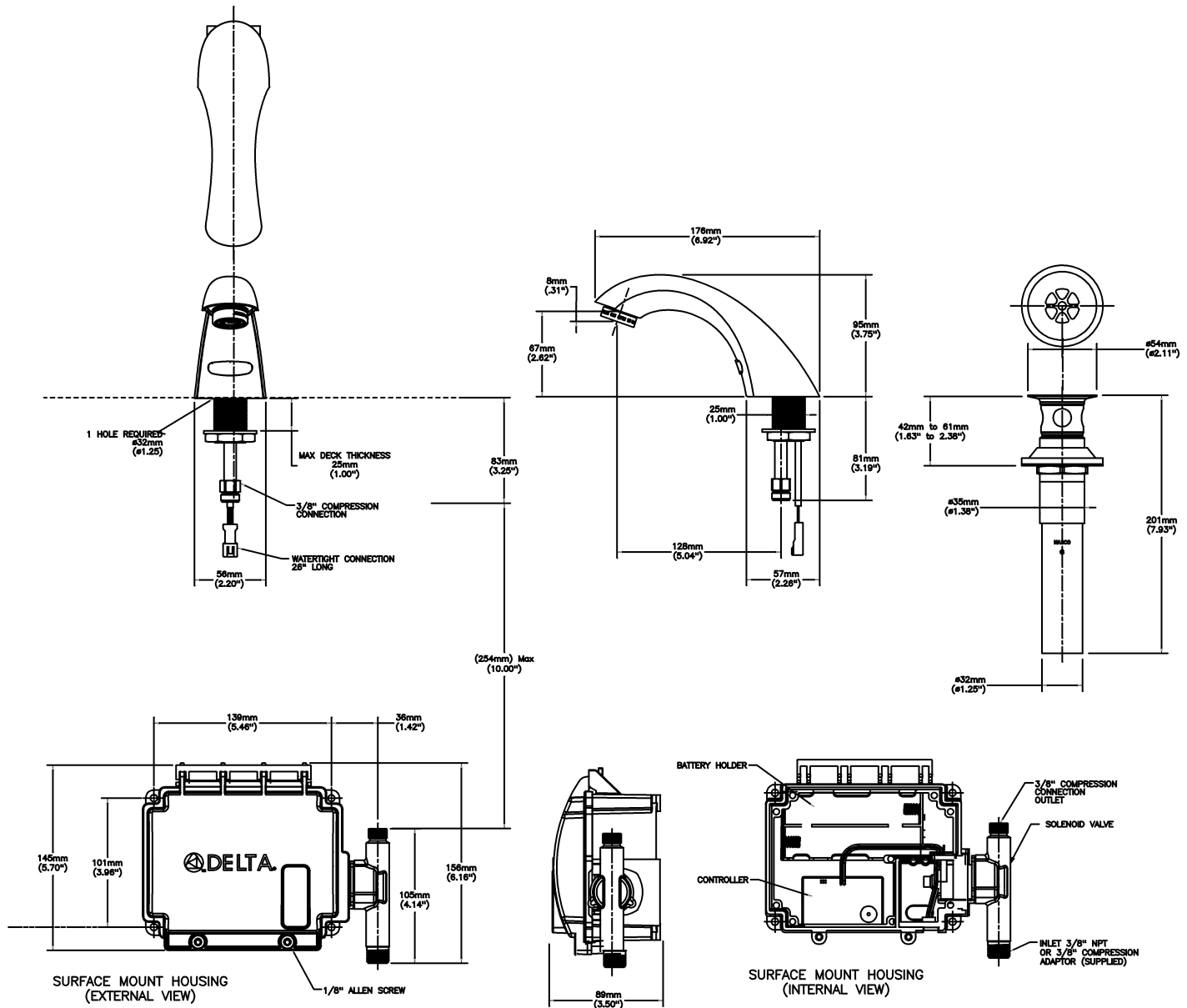
- Not Available

***(Dimensional drawing on following page)***

Delta reserves the right (1) to make changes to specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference. Measurement may vary plus or minus 6mm(0.25"). Mounting locations are suggested only. Check with local codes for requirements in your area. This spec was produced September 09, 2015.

Delta Faucet Company - 55 East 111th St. - Indianapolis, Indiana, USA 46280 - (317) 848-1812  
Delta Faucet Canada - 395 Matheson Blvd E - Mississauga, Ontario, Canada L4Z 2H2 - (905) 712-3030

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NOTE:  
1. ALL DIMENSIONS ARE IN MM  
2. DIMENSION INSIDE ( ) ARE IN INCHES.

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