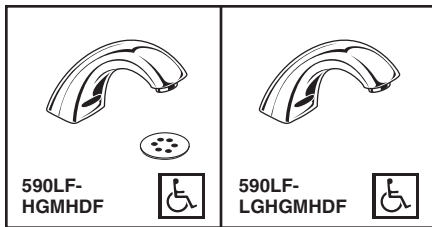


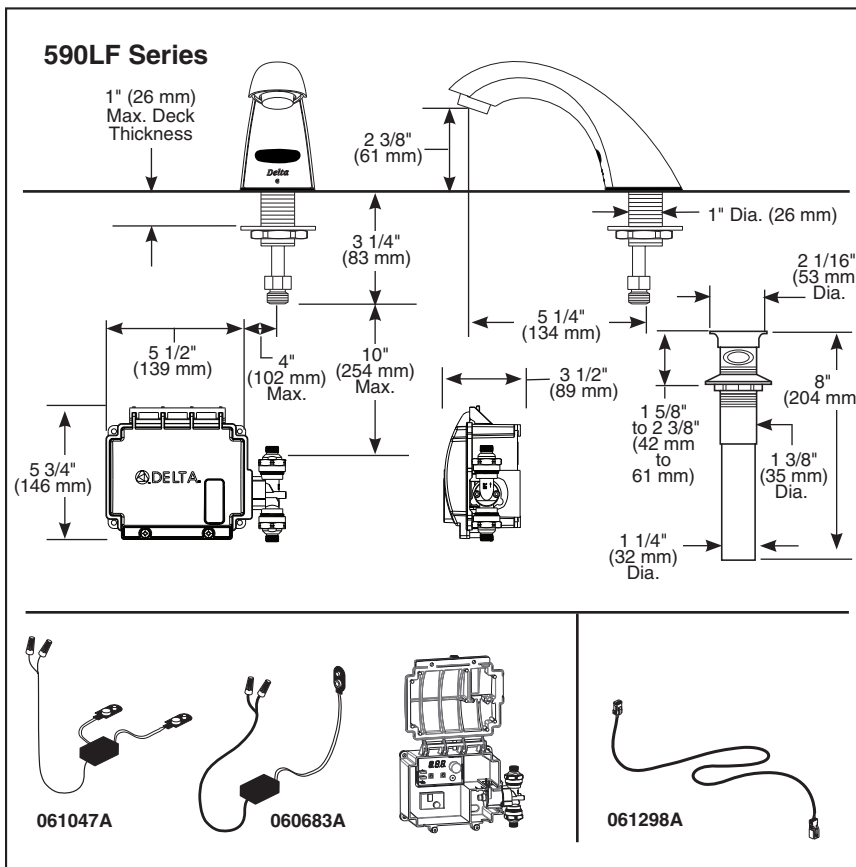
# Electronic Lavatory Faucets

**HDF**  
COMMERCIAL



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

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



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

## STANDARD SPECIFICATIONS:

- Hands free (touchless) on/off activation.
- **H<sub>2</sub>OPTICS®** 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) coverplate with locking mechanism (anti-rotation).
- Model 590LF Series – Center mount, single hole installation.
- Convertible to Hardwire using standard transformer (120 VAC to 24 VAC) and Delta converter (24 VAC to 6.4 VDC) (060683A).
- Convertible to Hardwire with Battery Backup using standard transformer (120 VAC to 24 VAC) and Delta converter (24 VAC to 5 VDC) (061047A). (See DSP-BB for detailed specification).
- Optional 24" Extension Cable (061298A).
- Optional 8" Coverplate for field conversion (RP34280).

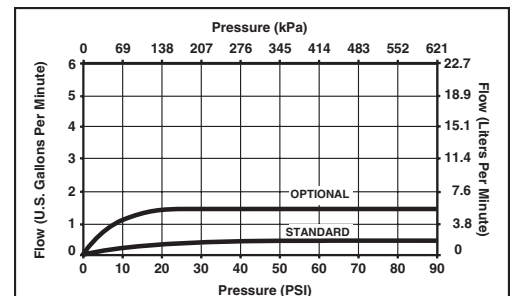
**NOTE 1:** For optimum performance of this product, we recommend a system pressure between 20 and 80 PSI static. This product will operate up to a maximum of 125 PSI static per ANSI and CSA requirements. However, we do not recommend pressures above 80 PSI. Thermal expansion or leaking pressure reducing 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.



## COMPLIES WITH:

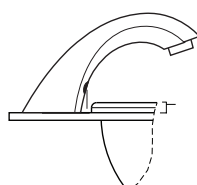
- ASME A112.18.1/CSA B125.1
- ASME A112.18.2/CSA B125.2
- Indicates compliance to ICC/ANSI A117.1
- Patented
- Verified compliant with .25% weighted average Pb content regulations.



## SENSOR CLEARANCE

For above deck mounted sinks, the sensor requires a clearance.

No Cover Plate



For sensor clearance:  
19 mm (0.75")  
maximum sink lip  
height from deck

Batteries included on all battery models.  
Refer to [www.specselect.com](http://www.specselect.com) for individual models.

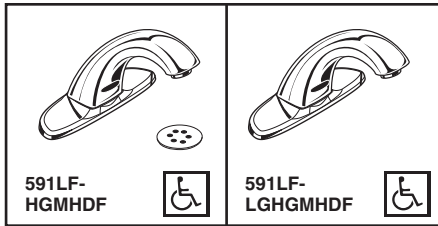
Flow Rates are at 60 PSI.  
Note: Use all pages as product submittal sheets.

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation.  
Dimensions are for reference only. See current full-line price book or [www.specselect.com](http://www.specselect.com) for finish options and product availability.

**DSP-590LF-HDF** Rev. F

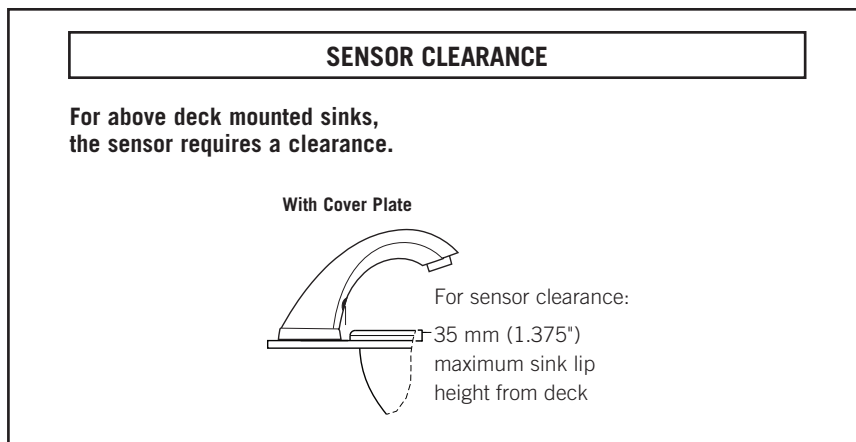
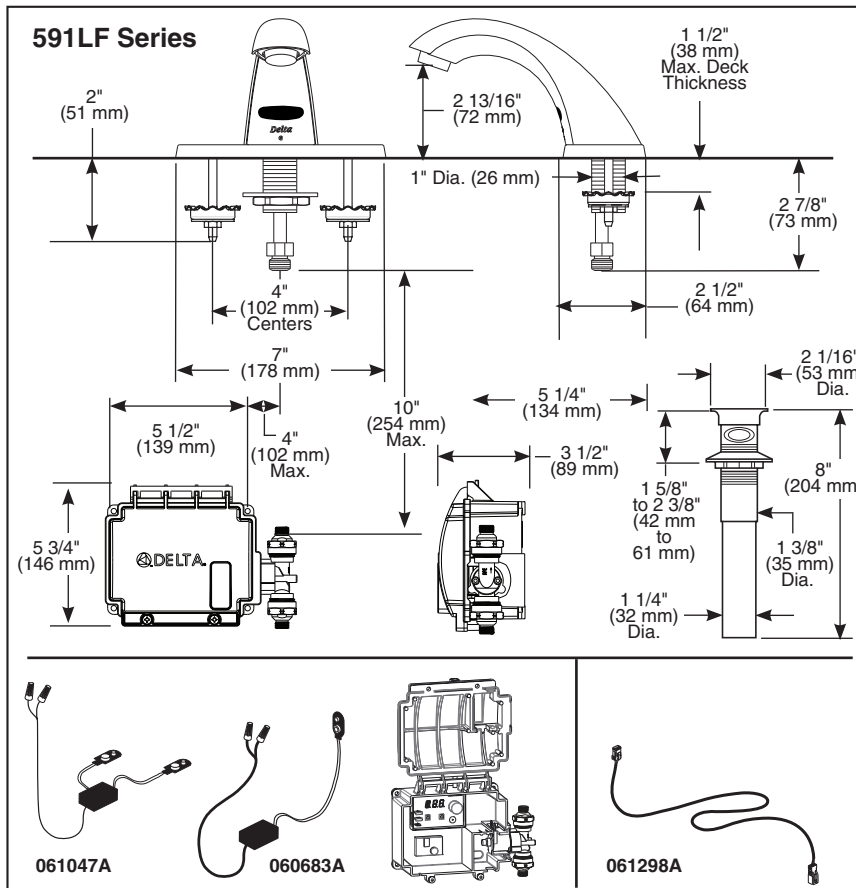
# Electronic Lavatory Faucets

**HDF**  
COMMERCIAL



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

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



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

## STANDARD SPECIFICATIONS:

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- Optional 24" Extension Cable (061298A).
- Optional 8" Coverplate for field conversion (RP34280).

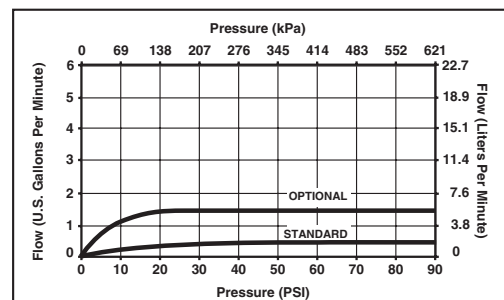
**NOTE 1:** For optimum performance of this product, we recommend a system pressure between 20 and 80 PSI static. This product will operate up to a maximum of 125 PSI static per ANSI and CSA requirements. However, we do not recommend pressures above 80 PSI. Thermal expansion or leaking pressure reducing 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.



## 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.



Batteries included on all battery models.  
Refer to [www.specselect.com](http://www.specselect.com) for individual models.

Flow Rates are at 60 PSI.  
Note: Use all pages as product submittal sheets.

**DSP-590LF-HDF Rev. F**

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