

TECK®

591TF Series

Electronic Faucet with Surface Mount Control



SPECIFICATION: (Example - 591TF0220)

- Supplied as complete product
- H₂Optics® Technology** – no external adjustments required
- Chrome-plated **CAST** 4" (102 mm) spout with integral sensor
- Metal hold-down package
- Hardwire Operated** (24 VAC) infrared electronic handwash system
- Laminar outlet - 1.5 gpm (5.7 L/min)
- Adjustable sensing range and timeout
- Surface mount housing
- Mixing valve required (order separately)
- Serviceable filter screen upstream of the valve

AVAILABLE CONFIGURATIONS:

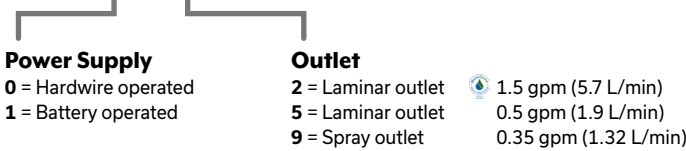
- Battery Operated** (4 "C" cell) – supplied as complete
- Hardwire Operated** (24 VAC) – supplied as complete
- Outlets**
 - Laminar outlet - 1.5 gpm (5.7 L/min)
 - Laminar outlet - 0.5 gpm (1.9 L/min)
 - Spray outlet - 0.35 gpm (1.32 L/min)



MODEL NUMBER EXAMPLE:

Configurations vary, see below for availability.

591TF0220



Available Models		Power Supply			
		0 = Hardwire Operated		1 = Battery Operated	
		Deckmount Hi-Rise Spout		Deckmount Hi-Rise Spout	
Outlet	2 Laminar outlet 1.5 gpm (5.7 L/min) 	591TF0220		591TF1220	
	5 Laminar outlet 0.5 gpm (1.9 L/min)	591TF0250		591TF1250	
	9 Spray outlet 0.35 gpm (1.32 L/min)	591TF0290		591TF1290	




Engineer/Architect Approval

Model Specified:

Approval:

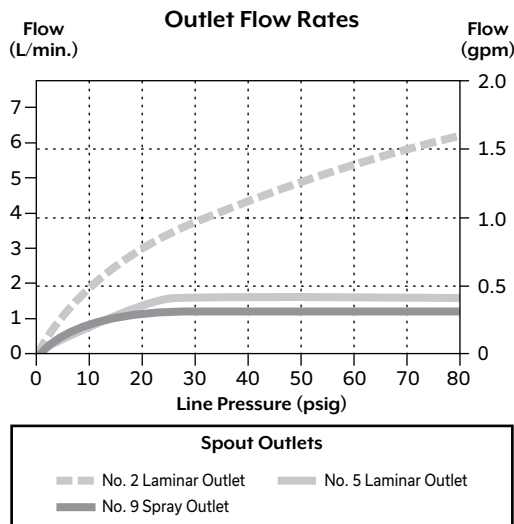
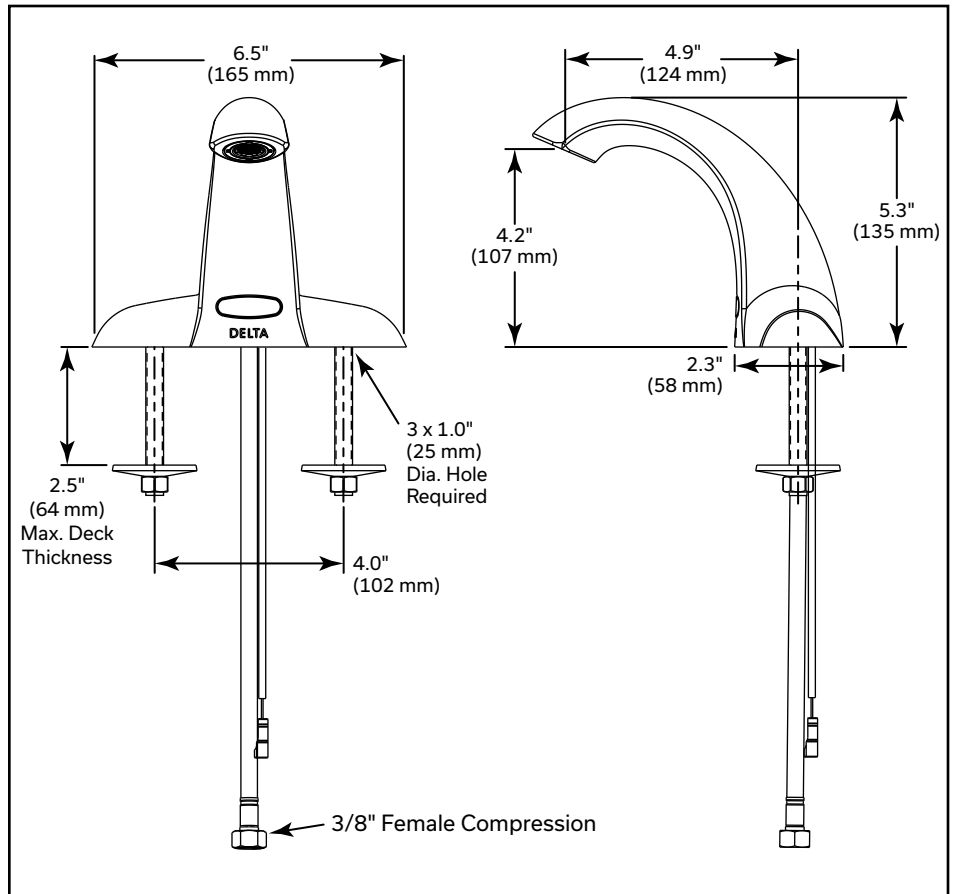
Date:

APPROVALS:

- Complies to ASME A112.18.1/CSA B125.1
-  Indicates compliance to ICC / ANSI A117.1
-  Outlet options 2 is EPA WaterSense® listed
-  Verified compliant with 0.25% weighted average Pb content regulations

AVAILABLE OPTIONS FOR FIELD CONVERSION (Sold Separately)

- ☐ **063268A - Battery backup assembly for surface mount box** (Batteries included)
See DSP-BBBox for detailed specification.
- ☐ **063266A - Plug-in power supply**
- ☐ **061406A - Plug-In with Battery Backup**
- ☐ **060704A - 120 to 24 VAC - Class 2 - 20 VA**
(Up to 5 Electronic Valves)
- ☐ **060771A - 120 to 24 VAC - Class 2 - 40 VA**
(Up to 10 Electronic Valves)
- ☐ **061256A - 36" Sensor Cable Extension**
- ☐ **063272A - Ganging cable**
- ☐ **062032A - Polymer Braided Hose**
- ☐ **060651A - 3 Position Switch**
See DSP-ELACC for detailed specification.



NOTICE Measurements may vary $\pm 0.25"$ (6mm)

Watersense® is a registered trademark of the U.S. Environmental Protection Agency

Delta Faucet 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 for finish options and product availability.

Flow Rates are at 60 PSI.

NOTICE Use all pages as product submittal sheets.

DSP-591TFB0, Rev A

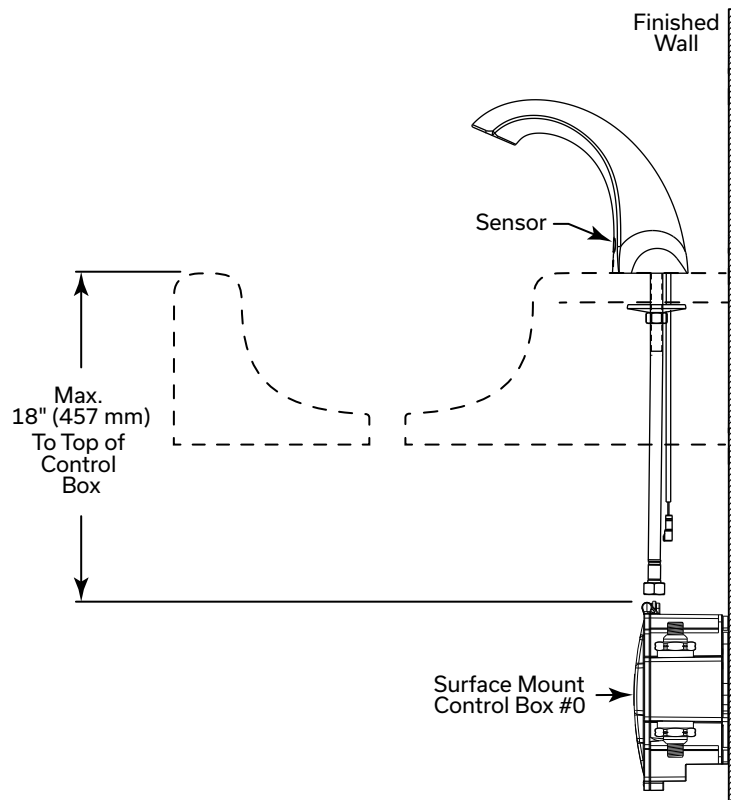
OPERATION:

- Hands free (touchless) operation.
- Water flows when sensor is activated.
- Water flow stops upon de-activation of sensor.
- Adjustable auto shut-off feature. Factory set to 45 seconds. Will reset once obstruction is removed.
- Adjustable sensing distance 3" to 15" (76 to 381mm) factory set to 9" ± 3.0 " (229 mm \pm 76 mm)
- Low battery audible beep (for battery models only) will activate after faucet shuts off when approximately 1500 cycles remain.
- Metering mode with selectable flow times of 7 seconds to 4 minutes, factory set off.
- Periodic Rinse feature, time adjustable in 6 hour increments up to 2 days. Selectable rinsing lengths from 10 to 180 seconds. Factory set off.

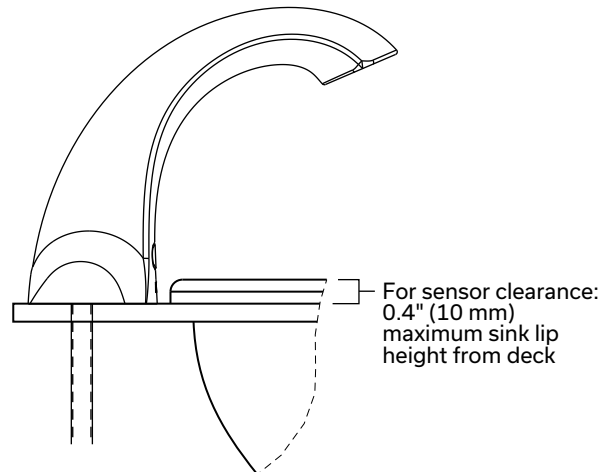
NOTICE

- **#1** - For optimum performance of this product, we recommend a system pressure between 20 and 80 Psi (138 and 552 kPa) static. This product will operate up to a maximum of 125 Psi (862 kPa) static per ANSI and CSA requirements. However, we do not recommend pressures above 80 Psi (552 kPa). 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.
- **#2** - Designed for routine 171°F (77°C) disinfection cycles up to 30 minutes.

TYPICAL INSTALLATION



SENSOR CLEARANCE



SURFACE MOUNT CONTROL CONFIGURATIONS

Hardwire Operated

- Supplied as complete product
- **H₂Optics®** Technology – no external adjustments required
- **Hardwire Operated** (24 VAC) infrared electronic handwash system
- Watertight Connector
- Hardwire Converter 24 VAC to 6.4 VDC.
- Surface mount housing
- Serviceable filter screen upstream of the valve
- Mixing valve required (order separately)

Battery Operated

- Supplied as complete product
- **H₂Optics®** Technology – no external adjustments required
- **Battery Operated** (4 "C" cell) infrared electronic handwash system
- Watertight Connector
- Surface mount housing
- Serviceable filter screen upstream of the valve
- Mixing valve required (order separately)

