590T Series – Electronic Faucet Trim
For Recess Mounted Control Box and Single Inlet Supply

TECK® COMMERCIAL

⏶DELTA®

Specification: (example)

- Supplied as trim parts only – requires separate order of ELAVT0001RI rough-in to have complete product
- **H₂OPTICS®** technology – no external adjustments required
- Chrome plated one piece **CAST** Hi-Rise spout with integral sensor
- **Battery** (4 "C" cell) or **Hardwire** (24 VAC) infrared electronic handwash system
- Adjustable sensing range and timeout
- Serviceable filter screen upstream of the solenoid valve
- Metal hold-down package

and...   with... (specify battery or hardwire)
            with... (add spout variation required)
            with... (add outlet required)
            with... (transformer required for hardwire models – specify separately
                – See Back Page)

590T Series

Engineer/Architect Approval

Model Specified:

Approval: Date:

DESCRIPTION	TRIM PRODUCT NO.				
Trim Only for Hardwire	**590T0**			**1**	**TR**
Trim Only for Battery Operated	**590T1**			**1**	**TR**
Trim Only for Hardwire with Battery Backup	**590T0**			**1**	**TR**	**-BB**

Rough-In Product Number ELAVT0001RI – Order separately

⚲ CSA® C US

SPOUT & SENSOR ✔

0

1 Single Hole Deckmount Hi-Rise Spout with Integral Sensor

2 Deckmount Hi-Rise Spout with Integral Sensor and 4" **Forged** Coverplate

3

4

5

6

7

8 Deckmount Hi-Rise Spout with Integral Sensor and 8" **Forged** Coverplate

9

OUTLET ✔

0

1

2 Vandal Resistant 1.5 gpm (5.7 L/min.) Laminar w/Agion® Antimicrobial (WaterSense)

3 Vandal Resistant 1.5 gpm (5.7 L/min.) Flow Control Aerator (WaterSense)

4

5 Vandal Resistant 0.5 gpm (1.9 L/min.) Laminar Outlet

6 Vandal Resistant 1.0 gpm (3.8 L/min.) Laminar Outlet (WaterSense)

7

8

9 Vandal Resistant 0.35 gpm (1.32 L/min.) Non-Aerating Spray Outlet

FOR CONTROL BOX ✔

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1 12" S/S Cover, Driver Board, Solenoid for ELAVT0001RI* ✔

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*Mixing valve (order separately).
Refer to www.specselect.com for individual models.

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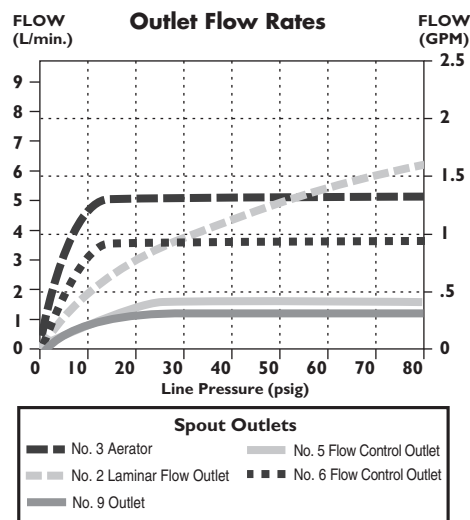Note: Use these pages as product submittal submittal sheets.

Approvals:

- CSA certified
- Complies to ASME A112.18.1/CSA B125.1
- ♿ Indicates compliance to ICC / ANSI A117.1
- Outlet options 2, 3 and 6 are EPA WaterSense listed
- Verified compliant with 0.25% weighted average Pb content regulations

(Contact Delta Representative for State and/or Local Approvals.)

Patented

FLOW RATE vs PRESSURE

Outlet Flow Rates

FLOW (L/min.) ... FLOW (GPM)

Line Pressure (psig)

Spout Outlets

- —— No. 3 Aerator
- — — No. 2 Laminar Flow Outlet
- —— No. 9 Outlet
- No. 5 Flow Control Outlet
- ▪ ▪ ▪ No. 6 Flow Control Outlet

OPERATION:

- Hands free (touchless) operation.
- Water flows when sensor is activated.
- Water flow stops upon de-activiation of sensor.
- Adjustable auto shut-off feature. Factory set to 45 seconds. Will reset once obstruction is removed.
- Adjustable sensing distance 76 to 381mm (3" to 15") factory set to 229 mm (9") (± 3.0")
- 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.

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.
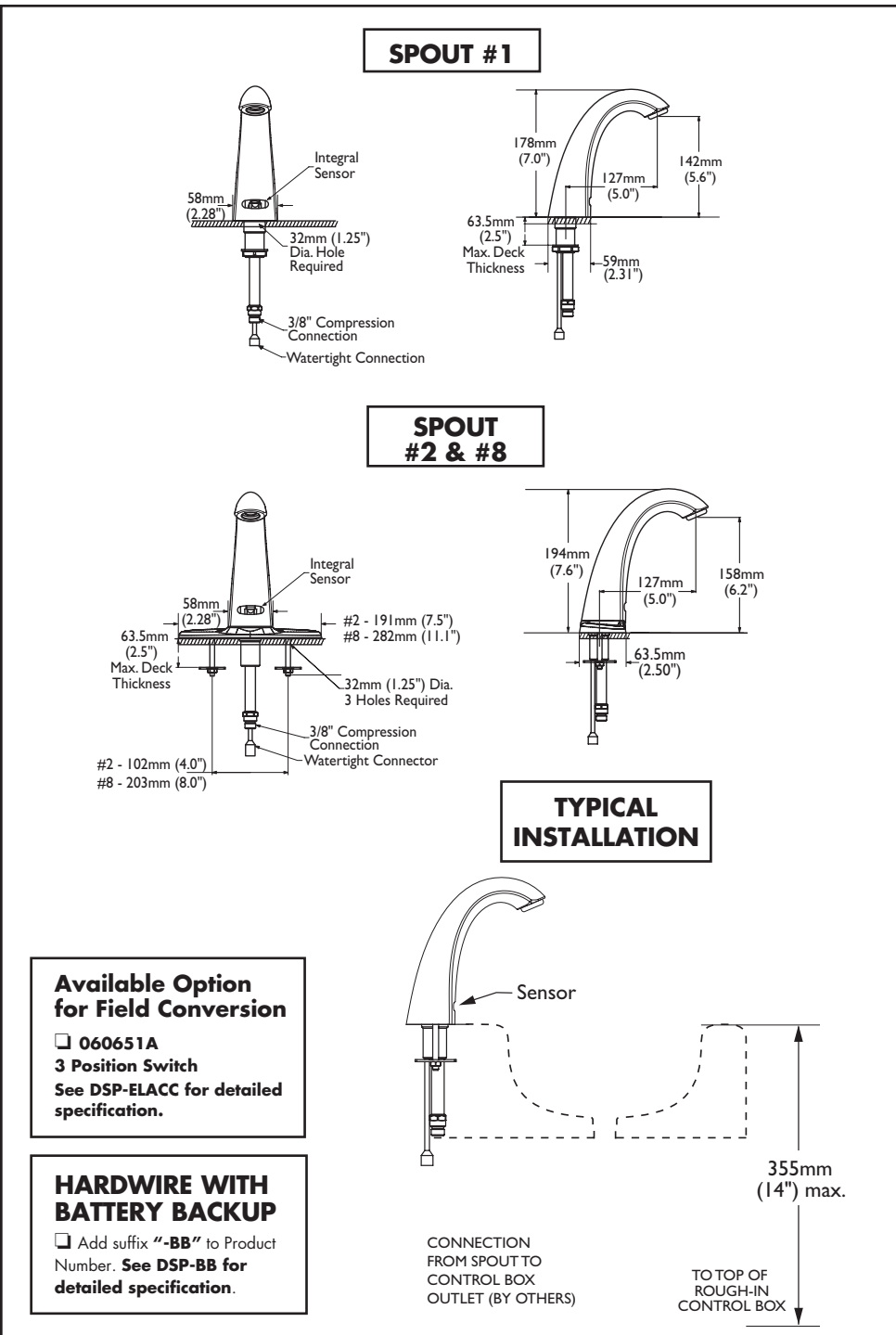
NOTE 2: Designed for routine 171°F (77°C) disinfection cycles up to 30 minutes.

Note: Measurements may vary ± 6mm (0.25")

SPOUT #1

- Integral Sensor
- 178mm (7.0")
- 58mm (2.28")
- 32mm (1.25") Dia. Hole Required
- 3/8" Compression Connection
- Watertight Connection
- 142mm (5.6")
- 127mm (5.0")
- 63.5mm (2.5") Max. Deck Thickness
- 59mm (2.31")

SPOUT #2 & #8

- Integral Sensor
- 58mm (2.28")
- 63.5mm (2.5") Max. Deck Thickness
- #2 - 191mm (7.5")
- #8 - 282mm (11.1")
- 32mm (1.25") Dia. 3 Holes Required
- 3/8" Compression Connection
- Watertight Connector
- #2 - 102mm (4.0")
- #8 - 203mm (8.0")
- 194mm (7.6")
- 127mm (5.0")
- 158mm (6.2")
- 63.5mm (2.50")

TYPICAL INSTALLATION

- Sensor
- 355mm (14") max.
- CONNECTION FROM SPOUT TO CONTROL BOX OUTLET (BY OTHERS)
- TO TOP OF ROUGH-IN CONTROL BOX

Available Option for Field Conversion

❏ **060651A**
3 Position Switch
See DSP-ELACC for detailed specification.

HARDWIRE WITH BATTERY BACKUP

❏ Add suffix **"-BB"** to Product Number. **See DSP-BB for detailed specification**.

OPTIONAL ACCESSORIES:

✔	TRANSFORMERS:		
	060704A	110 to 24VAC Class II 20VA	(Up to 5 Electronic Valves)
	060771A	110 to 24VAC Class II 40VA	(Up to 10 Electronic Valves)
	060772A	110 to 24VAC Class II 100VA	(Up to 25 Electronic Valves)
✔	CORDS:		
	061256A	36" Cable Extension	

Refer to www.specselect.com for individual models.
Product supplied as shown by solid lines. All items shown by dotted lines supplied by others.