

590T Series – Electronic Faucet Trim

For Recess Mounted Control Box

TECK®
COMMERCIAL



Specification: (example)

- Supplied as trim parts only – requires separate order of ELAVT0001ARI* or ELAVT0008ARI* 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 outlet required)
 with... (4" or 8" coverplates – specify separately – see next page)
 with... (for hardwire with battery backup – specify separately – see next page)
 with... (transformer required for hardwire models – specify separately – see next page)

590T0128TR



Engineer/Architect Approval

Model Specified:

Approval:

Date:

DESCRIPTION	TRIM PRODUCT NO.				
Trim Only for Hardwire	590T0	1		8	TR
Trim Only for Battery Operated	590T1	1		8	TR

**Rough-In Product
Number ELAVT0001ARI*
or ELAVT0008ARI*
Order separately**



SPOUT & SENSOR	OUTLET	FOR CONTROL BOX
0 ☐ 1 Single Hole Deckmount Hi-Rise Spout with Integral Sensor ☒ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐	0 ☐ 1 ☐ 2 Vandal Resistant 1.5 gpm (5.7 L/min.) Laminar w/Agion® Antimicrobial ☐ 3 Vandal Resistant 1.5 gpm (5.7 L/min.) Flow Control Aerator ☐ 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 ☐ 7 ☐ 8 ☐ 9 Vandal Resistant 0.35 gpm (1.32 L/min.) Non-Aerating Spray Outlet ☐	0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 12" S/S Cover, Driver Board, Solenoid for use with ELAVT0001ARI* or ELAVT0008ARI* (Rough-in ordered separately) ☒ 9 ☐

*ELAVT0001ARI – no mixing valve or ELAVT0008ARI with thermostatic mixing valve – specify separately.
 Refer to www.specselect.com for individual models.

Flow Rates are at 60 PSI.
 Note: Use these 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 for finish options and product availability.

DSP-590TCB8 Rev. C



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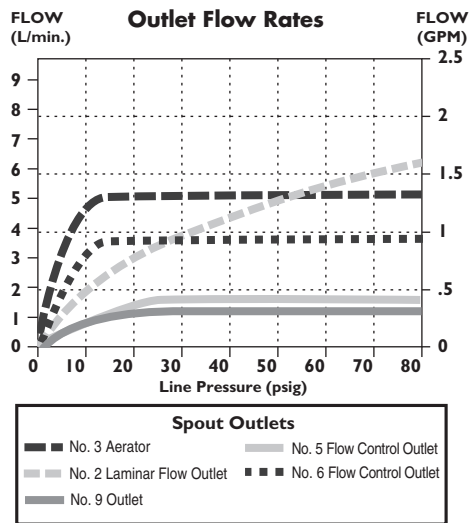
Approvals:

- 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



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 76 to 381 mm (3" to 15") factory set to 229 mm (9") ($\pm 3.0"$)
- 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: Trim used with ELAVT0001ARI designed for routine 171°F (77°C) disinfection cycles up to 30 minutes. Trim used with ELAVT0008ARI is not recommended for high temperature disinfection cycles as the thermostatic mixing valve limits the higher temperature flow outlet.

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

Refer to www.specselect.com for individual models.

Product supplied as shown by solid lines. All items shown by dotted lines supplied by others.

DSP-590TCB8 Rev. C

590T SERIES

4" AND 8" COVERPLATE (ORDER SEPARATELY)

TYPICAL INSTALLATION

OPTIONAL COVERPLATES	
PRODUCT NO.	DESCRIPTION
060546A	4" Coverplate
060547A	8" Coverplate

Available Optional Coverplates for field conversion.
Includes anti-rotation pin for secure public lavatory installation.

Available Options for Field Conversion

- ☐ **061047A**
Hardwire with Battery Backup
See DSP-BB for detailed specification.
- ☐ **060651A**
3 Position Switch
See DSP-ELACC 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)
✓	CORDS		
	061256A	36" Cable Extension	

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