

620TP Series Electronic Faucet with Surface Mount Control Box

TECK[®]
COMMERCIAL

DELTA[®]

SPECIFICATION: (EXAMPLE)

- Supplied as complete product
- **Proximity[®] Sensing Technology**
- Chrome-plated gooseneck spout
- **Battery** (4 'C' cell) or **Hardwire** (24 VAC) deckmount electronic handwash system
- Adjustable sensing range and timeout
- Surface mount housing
- Mixing valve required (order separately)
- Serviceable filter screen upstream of the valve
- and... with... (specify battery or hardwire)
- with... (add outlet required)
- with... (specify finish)
- 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)

620TP3320



Engineer/Architect Approval

Model Specified:

Approval:

Date:

MODEL NUMBER EXAMPLE:

Configurations vary, see below for availability.

620TP3320TR-SS

Finish

SS = Brilliance[®] Stainless

BL = Matte Black

Blank = Chrome

Power Supply

0 = Hardwire operated
1 = Battery operated

Spout

3 = Gooseneck spout

Outlet

1 = Vandal resistant laminar outlet
2 = Vandal resistant laminar outlet
5 = Vandal resistant laminar outlet
6 = Vandal resistant laminar outlet

Control Box

0 = Surface mount box
(Available as complete model ONLY)
8 = Trim ONLY for recessed box
(Must order rough-in number separately AND trim for complete product)
See DSP-620TPC88

TR ONLY used for recessed box
(not required for surface box)

AVAILABLE MODELS		SURFACE MOUNT CONTROL BOX	
		HARDWIRE	BATTERY OPERATED
OUTLET	3 Deckmount Gooseneck Spout		
	1 Vandal Resistant Laminar Outlet 2.2 gpm (8.3 L/min)	620TP3310 620TP3310-BL	621TP3310-BL
	2 Vandal Resistant Laminar Outlet 1.5 gpm (5.7 L/min)	620TP3320 620TP3320-BL 620TP3320-SS	621TP3320 621TP3320-BL 621TP3320-SS
	5 Vandal Resistant Laminar Outlet 0.5 gpm (1.9 L/min)	620TP3350 620TP3350-BL 620TP3350-SS	621TP3350 621TP3350-BL
	6 Vandal Resistant Laminar Outlet 1.0 gpm (3.8 L/min)	620TP3360-BL	621TP3360 621TP3360-BL

Refer to www.specselect.com for individual models.
Batteries included on all battery 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 for finish options and product availability.

DSP-620TPC80 Rev. F

620TP Series Electronic Faucet with Surface Mount Control Box

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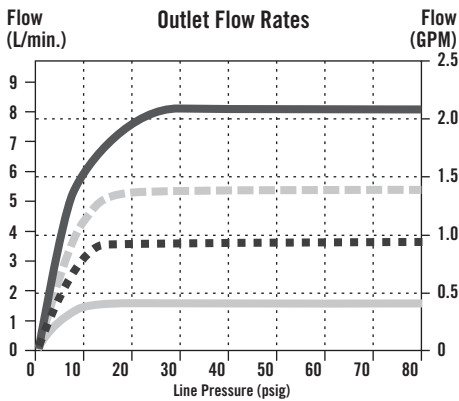
APPROVALS:

- CSA certified
- Complies to ASME A112.18.1/CSA B125.1
- Indicates compliance to ICC/ANSI A117.1
- Outlet option 2 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

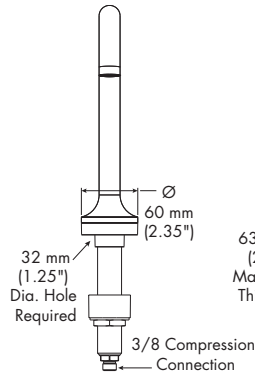


Spout Outlets

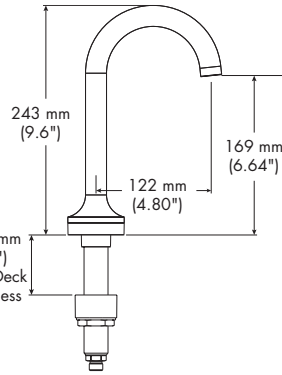
- No. 1 Laminar Outlet
- No. 2 Laminar Outlet
- No. 5 Laminar Outlet
- No. 6 Laminar Outlet

620TP SERIES

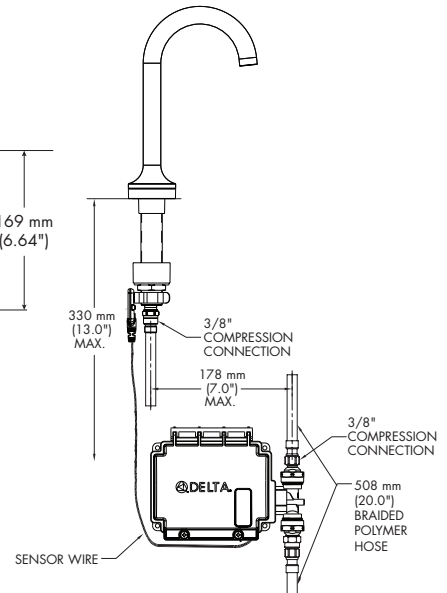
FRONT VIEW



SIDE VIEW

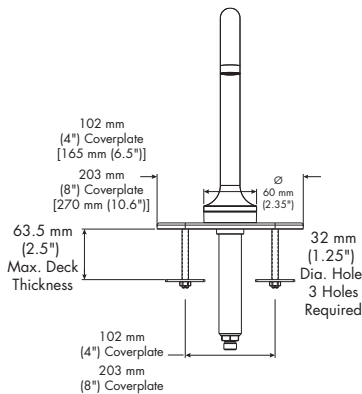


TYPICAL INSTALLATION

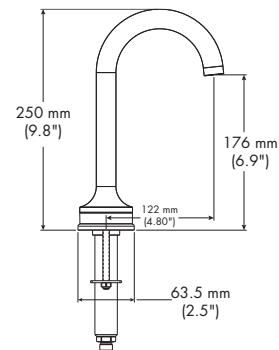


4" AND 8" COVERPLATE (ORDER SEPARATELY)

FRONT VIEW



SIDE VIEW



Available Optional Coverplates for Field Conversion – Specify separately

PRODUCT NO.	FINISH	DESCRIPTION	
061269A	Chrome	4" Coverplate 	Coverplate with anti-rotation pin for secure public washroom installation.
061269BL	Matte Black		
061269SS	Brilliance® Stainless		
061270A	Chrome	8" Coverplate 	
061270SS	Brilliance® Stainless		

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

Refer to www.specselect.com for individual models.

Flow Rates are at 60 PSI.
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620TP33 & 621TP33 SERIES

- ☐ 620TP33 Hardwire
- ☐ 621TP33 Battery Operated

OPERATION:

- Hands free (touchless) operation.
- No visible sensor, the spout is the sensor.
- Water flows when sensing is activated.
- Water flow stops upon de-activation of sensing.
- Adjustable sensing distance factory set to 76 mm (3").
- Low battery audible beep (for battery models only) will activate after faucet shuts off when approximately 1500 cycles remain.
- Adjustable auto shut off feature. Factory set to 45 seconds.
- 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 180°F (82°C) disinfection cycles up to 10 minutes.

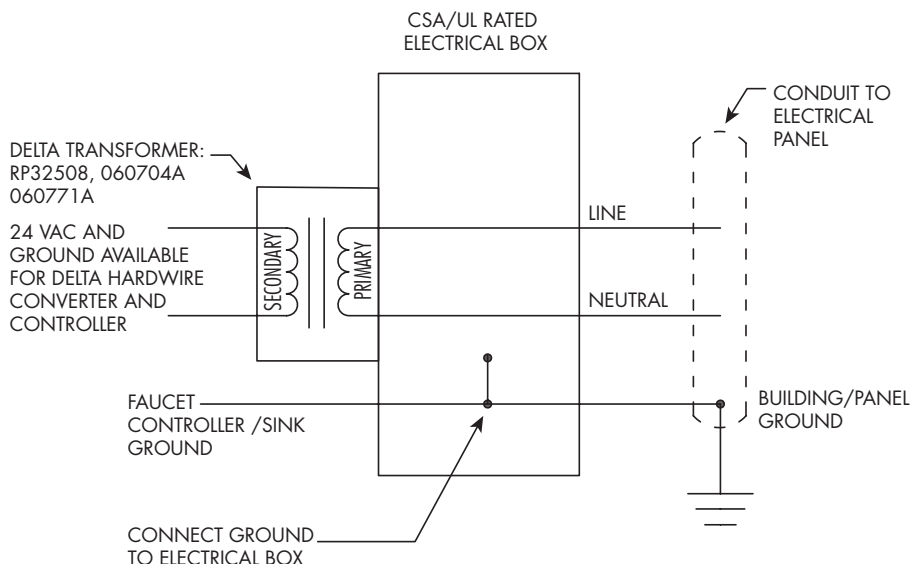
NOTE 3: Use 3-conductor 18AWG wire between transformer and hardwire converter/driver board earth ground.

NOTE 4: Use Delta Commercial approved transformers and mount the transformer a minimum of 6 inches away from the Delta driver board enclosure.

NOTE 5: Refer to Proximity Application Notes for installation best practices, proper grounding and wiring diagrams on www.specselect.com.

620TP SERIES ELECTRONIC DECK MOUNT LAVATORY FAUCET

ELECTRICAL SCHEMATICS



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 24 VAC Class 2 20 VA (Up to 5 Electronic Valves)
	060771A 110 to 24 VAC Class 2 40 VA (Up to 10 Electronic Valves)
✓	CORDS
	061256A 36" Cable Extension

Note: Measurements may vary $\pm 6\text{mm}$ (0.25")

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DSP-620TPCB0 Rev. F

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SURFACE MOUNT CONTROL BOX #0

620TP SERIES

✓	PRODUCT NO.					VALVE TYPE	COVER
	620TP	3	3		0	Deckmount Gooseneck Handwash Hardwire	Surface Mount Control Housing
	621TP	3	3		0	Deckmount Gooseneck Handwash Battery	Surface Mount Control Housing

VANDAL RESISTANT SURFACE MOUNT CONTROL HOUSING

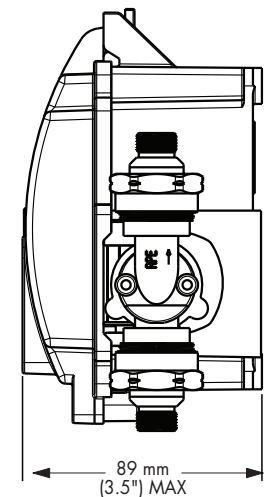
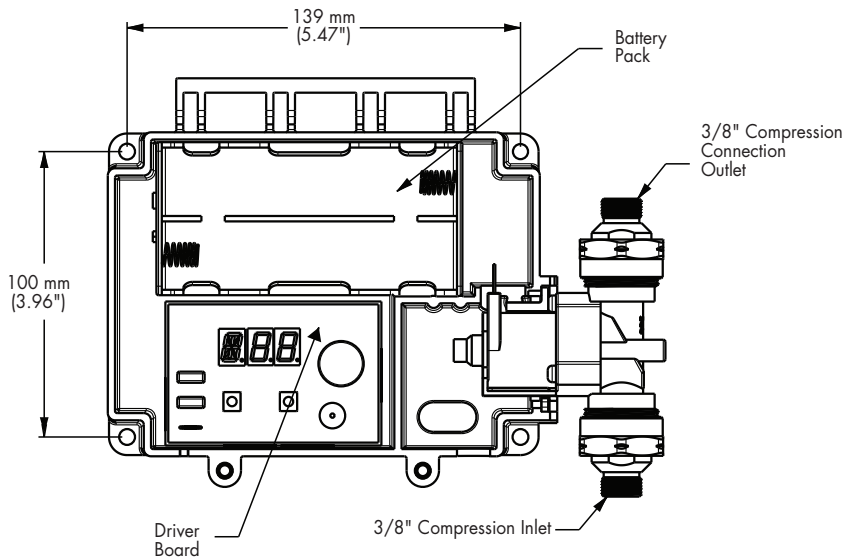
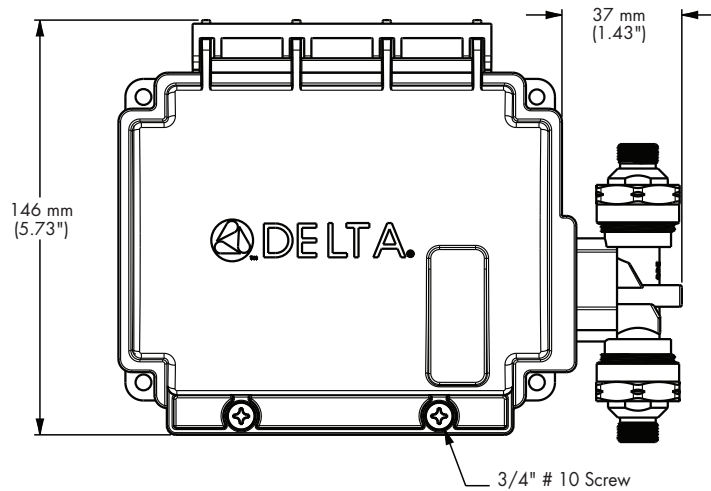
620TP SERIES

Battery Operated – Box shown.

Hardwire Version comes complete with Watertight Connector and Hardwire Converter 24 VAC to 6.4 VDC.

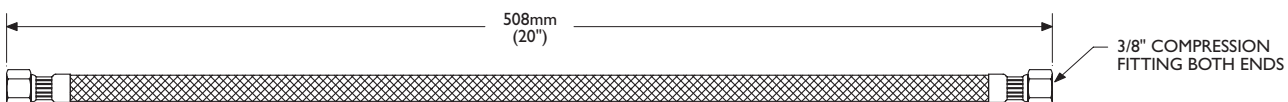
Hardwire with Battery Backup
(Available option for field conversion) comes complete with Watertight Connector, Hardwire Converter 24 VAC to 5 VDC and 9 V battery. See DSP-BB for detailed specification.

Recommended
381 mm (15" max.)
to top of counter



BRAIDED HOSE

Note: Braided polymer hose connections supplied between solenoid valve and spout as well as solenoid valve inlet.



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

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