620TP Series
Electronic Faucet with Surface Mount Control Box

TECK® COMMERCIAL

△ DELTA.

SPECIFICATION: (EXAMPLE)

620TP3320

- 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 – specifiy separately – see next page)
  - with... (transformer required for hardwire models – specify separately – see next page)

Engineer/Architect Approval

Model Specified:

Approval: Date:

MODEL NUMBER EXAMPLE:
Configurations vary, see below for availability.

6 2 0 T P 3 3 2 0 TR - 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-620TPCB8**

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

AVAILABLE MODELS ⓒSⓇus		SURFACE MOUNT CONTROL BOX ♿	
		HARDWIRE	**BATTERY OPERATED**
		3 Deckmount Gooseneck Spout	**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

(OUTLET)

Refer to www.specselect.com for individual models.
Batteries eincluded on all battery models.

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

DSP–620TPCB0 Rev. F

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

Flow (L/min.) — **Outlet Flow Rates** — **Flow (GPM)**

Line Pressure (psig)
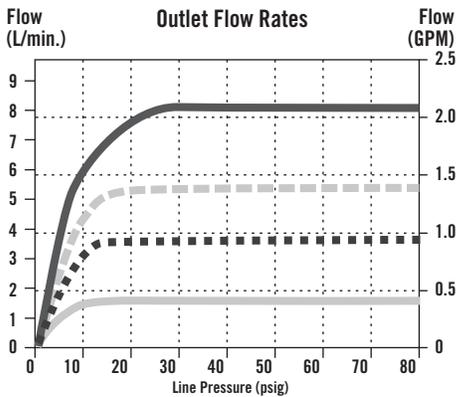
Spout Outlets
- No. 1 Laminar Outlet
- No. 2 Laminar Outlet
- No. 5 Laminar Outlet
- No. 6 Laminar Outlet

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

620TP SERIES

TYPICAL INSTALLATION

FRONT VIEW

SIDE VIEW

243 mm (9.6")
169 mm (6.64")
122 mm (4.80")
∅ 60 mm (2.35")
32 mm (1.25") Dia. Hole Required
63.5 mm (2.5") Max. Deck Thickness
3/8 Compression Connection

330 mm (13.0") MAX.
3/8" COMPRESSION CONNECTION
178 mm (7.0") MAX.
3/8" COMPRESSION CONNECTION
508 mm (20.0") BRAIDED POLYMER HOSE
SENSOR WIRE
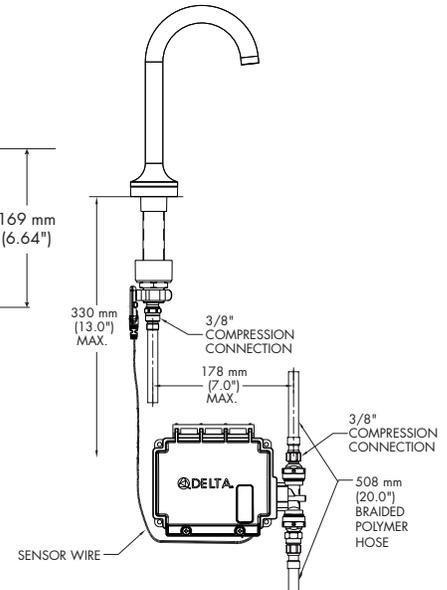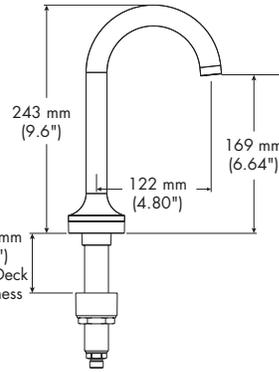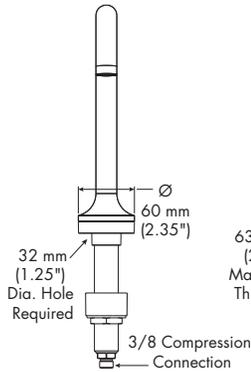
4" AND 8" COVERPLATE (ORDER SEPARATELY)

FRONT VIEW

SIDE VIEW

102 mm (4") Coverplate [165 mm (6.5")]
203 mm (8") Coverplate [270 mm (10.6")]
∅ 60 mm (2.35")
63.5 mm (2.5") Max. Deck Thickness
32 mm (1.25") Dia. Hole 3 Holes Required
102 mm (4") Coverplate
203 mm (8") Coverplate

250 mm (9.8")
176 mm (6.9")
122 mm (4.80")
63.5 mm (2.5")
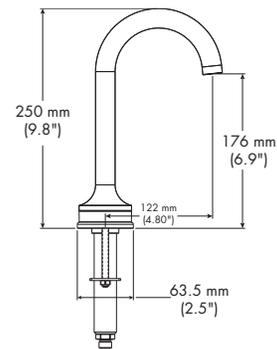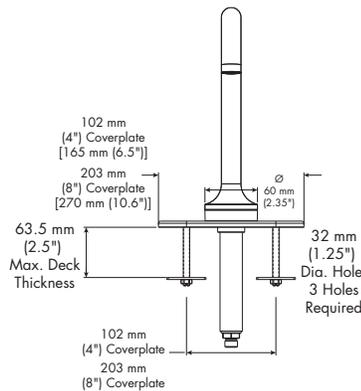
Available Optional Coverplates for Field Conversion – Specify separately

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		

Refer to www.specselect.com for individual models.

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

DSP–620TPCBO Rev. F

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-activiation 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

CSA/UL RATED ELECTRICAL BOX

CONDUIT TO ELECTRICAL PANEL

DELTA TRANSFORMER: RP32508, 060704A 060771A

24 VAC AND GROUND AVAILABLE FOR DELTA HARDWIRE CONVERTER AND CONTROLLER

SECONDARY

PRIMARY

LINE

NEUTRAL

FAUCET CONTROLLER /SINK GROUND

BUILDING/PANEL GROUND

CONNECT GROUND TO ELECTRICAL BOX

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 ± 6mm (0.25")

DSP—620TPCBO Rev. F

SURFACE MOUNT CONTROL BOX #O

	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**.

146 mm (5.73")

37 mm (1.43")

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

◬ DELTA.

3/4" # 10 Screw

139 mm (5.47")

Battery Pack

3/8" Compression Connection Outlet

100 mm (3.96")

Driver Board

3/8" Compression Inlet

89 mm (3.5") MAX
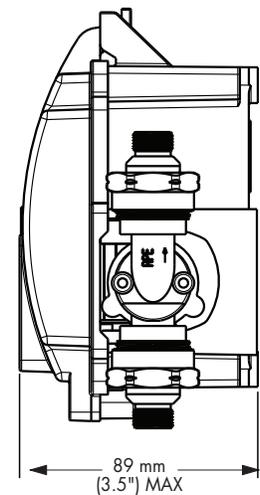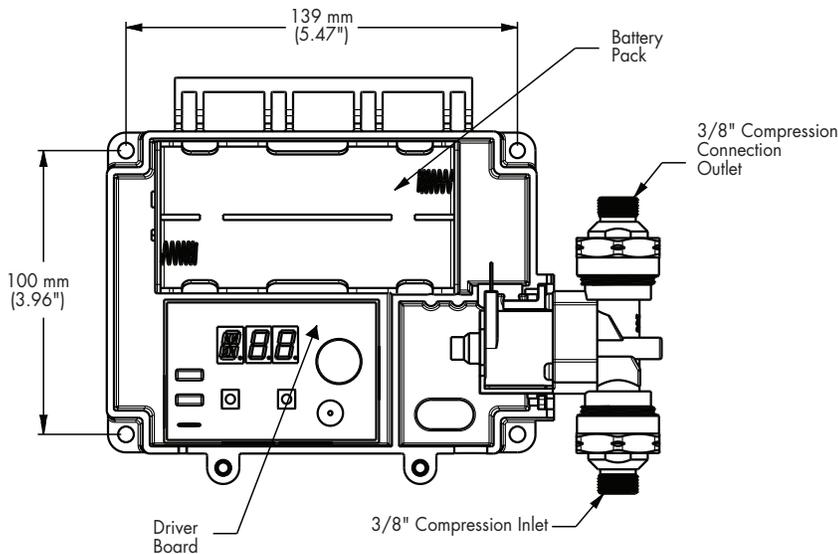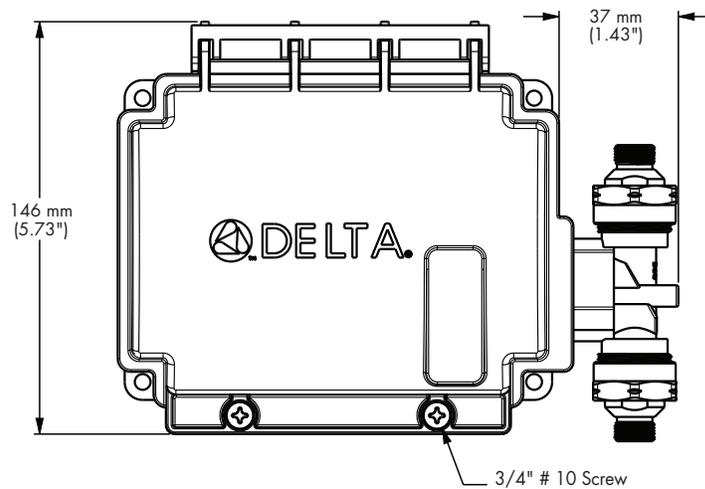
BRAIDED HOSE

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

508mm (20")

3/8" COMPRESSION FITTING BOTH ENDS
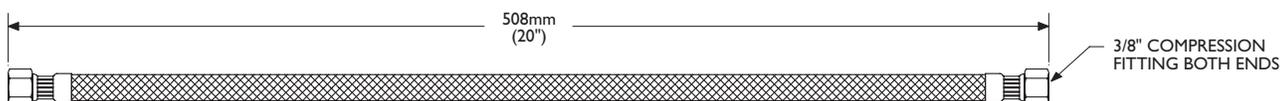
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