Electronic Faucets

Model No: 590TP0150

COMPLIES WITH:

- CSA certified
- Complies to ASME A112.18.1
- ADA Compliant and meets Handicapped Accessibility Standard ASME A117.1 of less than 5 lbs. handle operating force.
- IAPMO listed
- U.S. Patent #6, 826, 455.
- (Contact Delta Representative for State and/or Local Approvals)

NOTES:

Verified to <0.25% Pb average wetted surface regulations

SPECIFICATION:

- Deck mount electronic Proximity™ Sensing lavatory faucet
- Outlet#: 5 - Vandal Resistant Non-Aerating Spray Outlet -0.5 USGPM (1.9 L/min) Flow Rate at 60 psi- pressure compensating
- Cast Hi-Rise Spout-Single Hole Installation
- (24 VAC) Hardwire powered by Class II transformer (purchased separately)
- Hardwire Version comes complete with watertight connector and Hardwire Converter 24VAC to 6VDC
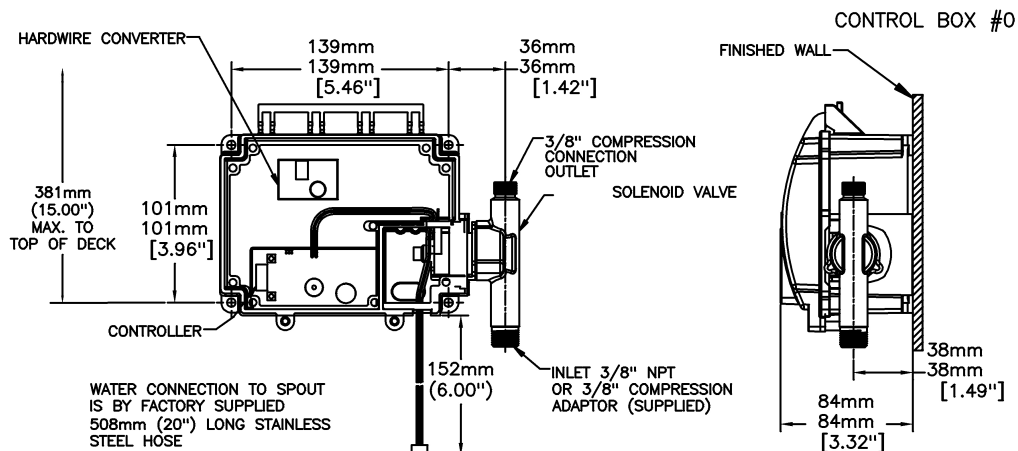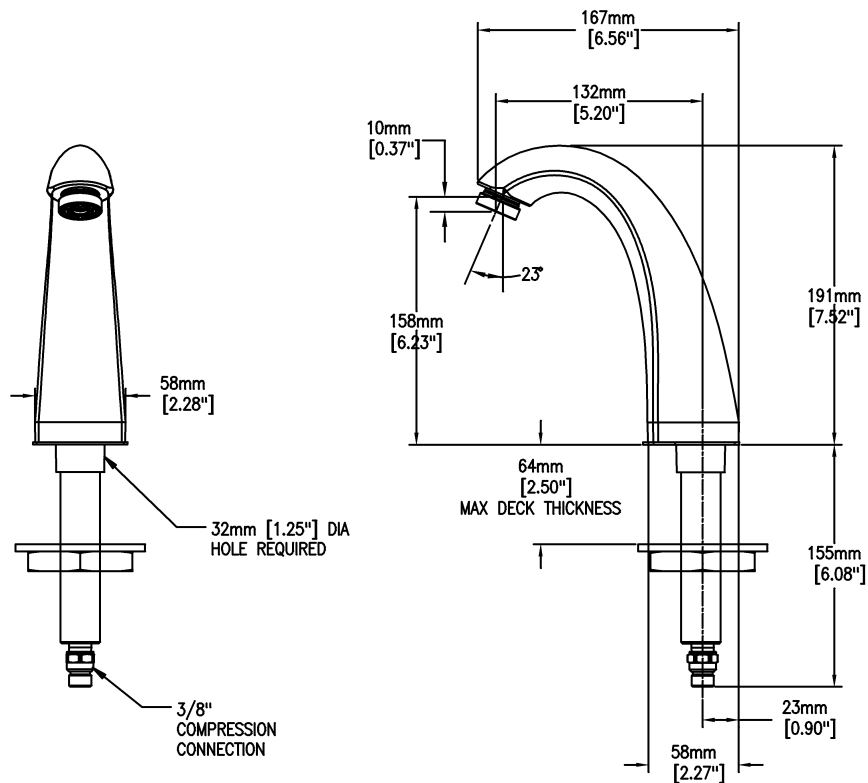- Solenoid (forged brass) and Controller in Plastic Surface Mount Housing-REQUIRES SINGLE TEMPERED WATER SUPPLY

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.
- Auto shut-off feature. Factory set to 45 seconds. Will reset once obstruction is removed.
- Adjustable sensing distance 0 to 89 mm (0 to 3.5") factory set to 89 mm (3.5") (± 1/8")
- NOTE: 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.

(Dimensional drawing on following page)

DELTA

167mm
[6.56"]

132mm
[5.20"]

10mm
[0.37"]

23°

158mm
[6.23"]

191mm
[7.52"]

58mm
[2.28"]

64mm
[2.50"]
MAX DECK THICKNESS

32mm [1.25"] DIA
HOLE REQUIRED

155mm
[6.08"]

3/8"
COMPRESSION
CONNECTION

23mm
[0.90"]

58mm
[2.27"]

CONTROL BOX #0

HARDWIRE CONVERTER

139mm
139mm
[5.46"]

36mm
36mm
[1.42"]

FINISHED WALL

3/8" COMPRESSION
CONNECTION
OUTLET

381mm
(15.00")
MAX. TO
TOP OF DECK

101mm
101mm
[3.96"]

SOLENOID VALVE

CONTROLLER

WATER CONNECTION TO SPOUT
IS BY FACTORY SUPPLIED
508mm (20") LONG STAINLESS
STEEL HOSE

152mm
(6.00")

INLET 3/8" NPT
OR 3/8" COMPRESSION
ADAPTOR (SUPPLIED)

38mm
38mm
[1.49"]

84mm
84mm
[3.32"]

- 1.0.27915