Battery/Hard Wire Lavatory Faucets

Deck mount electronic Proximity™ lavatory faucet - center mount - single hole installation - battery power

Model No: 590-PLGHDF

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.
- U.S. Patent #6, 826, 455
- (Contact Delta Representative for State and/or Local Approvals)

SPECIFICATION:

- Deck mount electronic lavatory faucet
- All metal spout construction
- Proximity™ Sensing Technology
- Mixing valve required (Order separately)
- Vandal resistant 0.5 gpm (1.9 L/min) flow control non-aerating spray outlet
- Center mount-single hole installation
- Battery unit supplied with 4 "C" cell batteries
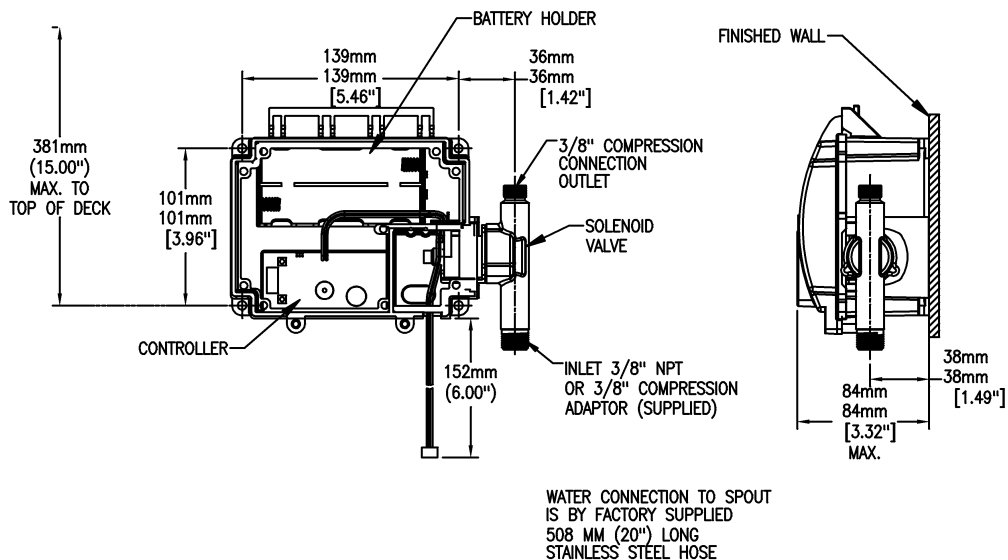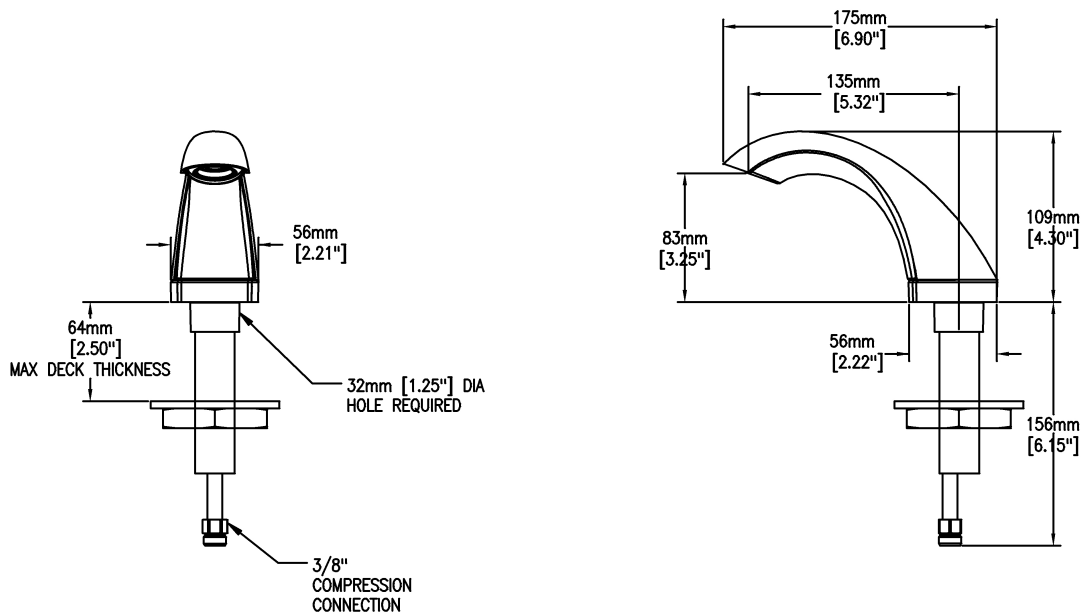- Chrome Finish

OPERATION:

- Hands free (touchless) operation.
- No visible sensor, the spout is the sensor.
- Water flows when sensor is activated.
- Water flow stops upon de-activiation of sensor.
- Auto shut-off feature. Factory set to 45 seconds. Will reset and recalibrate once obstruction is removed.
- Adjustable sensing distance 0 to 89mm (0 to 3.5") factory set to 89mm (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.
- Low battery audible beep (for battery models only) will activate after faucet shuts off when approximately 1500 cycles remain.

(Dimensional drawing on following page)

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DELTA

56mm
[2.21"]

64mm
[2.50"]
MAX DECK THICKNESS

32mm [1.25"] DIA
HOLE REQUIRED

3/8"
COMPRESSION
CONNECTION

175mm
[6.90"]

135mm
[5.32"]

83mm
[3.25"]

109mm
[4.30"]

56mm
[2.22"]

156mm
[6.15"]

BATTERY HOLDER

FINISHED WALL

139mm
139mm
[5.46"]

36mm
36mm
[1.42"]

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

101mm
101mm
[3.96"]

3/8" COMPRESSION
CONNECTION
OUTLET

SOLENOID
VALVE

CONTROLLER

152mm
(6.00")

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

38mm
38mm
[1.49"]

84mm
84mm
[3.32"]
MAX.

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

Delta reserves the right (1) to make changes to specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference.
Measurement may vary plus or minus 6mm(0.25"). Mounting locations are suggested only. Check with local codes for requirements in your area. This spec was produced November 02, 2011.

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