DELTA

Battery/Hard Wire Lavatory Faucets
Deck mount electronic Proximity™ lavatory faucet - center mount - single hole installation - hardwire

Model No: 590-PLGHDFHW

COMPLIES WITH:

- CSA certified
- Complies to ASME A112.18.1/ CSA B125.1
- ADA Compliant to ICC/ ANSI A117.1
- U.S. Patent #6, 826, 455
- Verified compliant with 0.25% weighted average Pb content regulations
- (Contact Delta Representative for State and/or Local Approvals)

NOTES:

Verified compliant with 0.25% weighted average Pb content regulations
Supplied as COMPLETE PRODUCT ONLY

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
- Verified compliant with 0.25% weighted average Pb content regulations
- Center mount-single hole installation
- Hardwire units supplied with 24 VAC to 6 VDC converter (Transformer required. Specify separately)
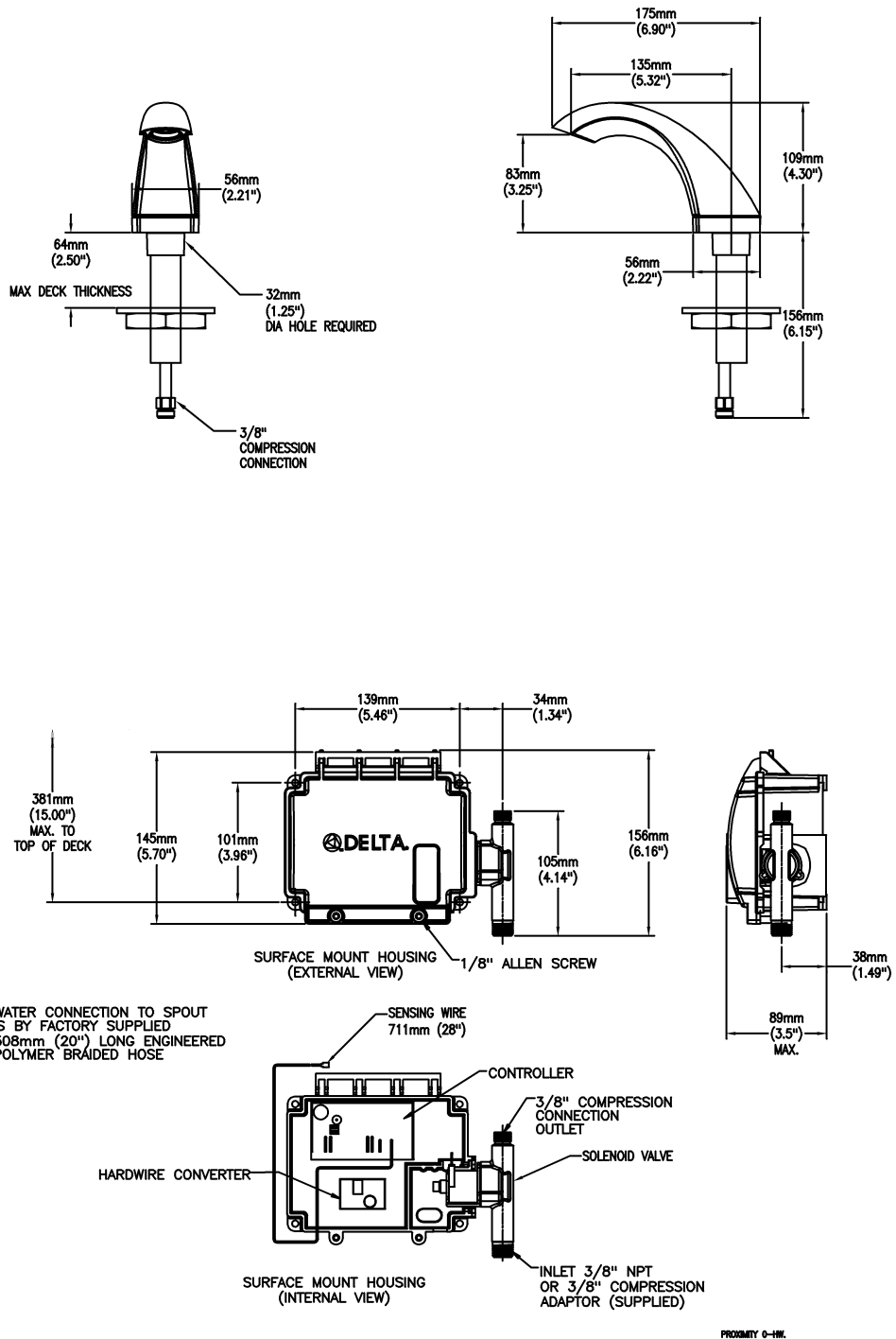- Chrome Finish

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.

(Dimensional drawing on following page)

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DELTA.

175mm
(6.90")

135mm
(5.32")

83mm
(3.25")

109mm
(4.30")

56mm
(2.22")

156mm
(6.15")

56mm
(2.21")

64mm
(2.50")

MAX DECK THICKNESS

32mm
(1.25")
DIA HOLE REQUIRED

3/8"
COMPRESSION
CONNECTION

139mm
(5.46")

34mm
(1.34")

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

145mm
(5.70")

101mm
(3.96")

DELTA

156mm
(6.16")

105mm
(4.14")

SURFACE MOUNT HOUSING
(EXTERNAL VIEW)

1/8" ALLEN SCREW

38mm
(1.49")

89mm
(3.5")
MAX.

WATER CONNECTION TO SPOUT
IS BY FACTORY SUPPLIED
508mm (20") LONG ENGINEERED
POLYMER BRAIDED HOSE

SENSING WIRE
711mm (28")

CONTROLLER

3/8" COMPRESSION
CONNECTION
OUTLET

HARDWIRE CONVERTER

SOLENOID VALVE

SURFACE MOUNT HOUSING
(INTERNAL VIEW)

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

PROXIMITY 0-HW.

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