DELTA COMMERCIAL

TECK®

Description

Introducing our innovative chrome-finished faucet designed for efficiency and convenience. With a flow rate of 1.5 gpm (5.7 L/min) and a laminar outlet, this faucet provides a steady and controlled water stream. The sensor operates through an infrared mechanism, ensuring touchless and hygienic use. Powered by 4 "C" cell batteries, this faucet offers flexibility and ease of installation. The faucet features a one-piece CAST deck mount hi-rise spout for durability and a sleek design. The solenoid and controller are neatly housed in a surface mount housing, combining functionality with a clean aesthetic. Upgrade your space with a faucet that seamlessly blends technology, style, and practicality.

Specifications

- Flow Rate: 1.5 gpm (5.7 L/min)
- Spray Type: Laminar
- Sensor Type: Infrared
- Power Supply: Battery Operated (4 "C" cell)
- Finish: Chrome
- One Piece CAST Deck Mount Hi-rise Spout
- Solenoid and Controller in Surface Mount Housing

Features

- H_2Optics® Technology: Requires no external adjustments, ensuring hassle-free operation.
- Adjustable Sensing Range and Timeout: Customize sensing range and timeout settings based on specific preferences and needs.
- Serviceable Filter Screen: Equipped with a conveniently serviceable filter screen located upstream of the valve.
- Hands-Free Operation: Allows for touchless operation, promoting hygiene and convenience.
- Durable Metal Hold-Down Package: Features a robust metal hold-down package for secure and long-lasting installation.

Optional Accessories

- 060546A - 4" (102 mm) Cover Plate
- 060547A - 8" (203 mm) Cover Plate
- 061256A - 36" (914 mm) Sensor Cable Extension
- 060651A - 3 Position Switch See DSP-ELACC for detailed specification.
- R2570-MIXLF - Mixing valve recommended for tempered water if desired.

Complies With

- ASME A112.18.1/CSA B125.1
- ICC / ANSI A117.1
- EPA WaterSense® listed
- Verified compliant with 0.25% weighted average Pb content regulations

(Contact Delta Representative for State and/or Local Approvals)

Operation

- Hands-Free Operation: Water flow is activated without the need for physical contact (touchless). The sensor initiates water flow when activated. Water flow stops promptly upon sensor deactivation.
- Adjustable Auto Shut-off: The auto shut-off feature is adjustable, with a factory setting of 45 seconds. The system automatically resets after obstruction removal.
- Adjustable Sensing Distance: Sensing distance can be customized from 3" to 15" (76 to 381 mm). The factory setting is 9" (229 mm) with a tolerance of ± 3.0" (76 mm).
- Low Battery Alert: For battery-operated models, an audible beep activates when the battery is low. The alert occurs after the faucet shuts off, indicating approximately 1500 cycles remaining.
- Metering Mode: Offers selectable flow times ranging from 7 seconds to 4 minutes. Factory setting is off.
- Periodic Rinse Feature: Time for periodic rinse is adjustable in 6-hour increments, up to 2 days. Selectable rinsing lengths range from 10 to 180 seconds. Factory setting is off.
- Single Tempered Water Supply Requirement: Ensures optimal operation by necessitating a single tempered water supply.

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Notes

- Pressure Recommendations: For optimal performance, maintain a system pressure between 20 psi (138 kPa) and 80 psi (552 kPa) static. While this product can operate up to a maximum of 125 psi (862 kPa) static (per ANSI and CSA requirements), pressures exceeding 80 psi (552 kPa) are not recommended. In cases of thermal expansion or leaking pressure reducing valves, the use of expansion tanks or relief valves is advised to prevent the system from exceeding its maximum intended pressure setting.
- Disinfection Cycle: Designed to accommodate routine 171°F (77°C) disinfection cycles lasting up to 30 minutes.

590TF1120

This spec was produced on April 04, 2024.

060546A - 4" (102 mm) Coverplate
060547A - 8" (203 mm) Coverplate
(sold separately)

5.0" (127 mm)

5.9" (150 mm)

7.1" (180 mm)

2.4" (61 mm)

2.3" (58 mm)

2.5" (64 mm) Max. Deck Thickness

1.25" (32 mm) Dia. Hole Required

3/8" Female Compression

4" Coverplate 7.5" (191 mm)
8" Coverplate 11.1" (282 mm)

0.375" (10 mm)

2.5" (64 mm) Max. Deck Thickness

3 x 1.25" (32 mm) Dia. Hole Required

2.4" (61 mm)

4" Coverplate 4.0" (102 mm)
8" Coverplate 8.0" (203 mm)

TYPICAL INSTALLATION

Finished Wall

Sensor

Max. 18" (457 mm) To Top of Control Box

Surface Mount Control Box #0

SENSOR CLEARANCE

Without Coverplate

For sensor clearance: 0.4" (10 mm) maximum sink lip height from deck

With Coverplate

For sensor clearance: 1.0" (25 mm) maximum sink lip height from deck

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