Kraus KSF-1610SFACB

Kraus Bolden Touchless Kitchen Faucet User Manual

Model: KSF-1610SFACB

Introduction

The Kraus Bolden Touchless Kitchen Faucet (Model KSF-1610SFACB) is designed to enhance kitchen efficiency and hygiene with its advanced motion-sensor technology. This commercial-style faucet features a durable construction and a versatile pull-down sprayer, making daily kitchen tasks more convenient. Its Spot-Free Antique Champagne Bronze finish resists water spots and fingerprints, ensuring a clean appearance with minimal effort.



Figure 1: Kraus Bolden Touchless Kitchen Faucet, showcasing its elegant design and touchless operation.

Key Features:

- **Touchless Operation:** Motion-sensor technology for hands-free water activation, reducing germ transfer.
- **Pull-Down Sprayer with Reach Technology:** Offers maximum maneuverability with an easy-retract hose and swivel adapter for full motion around the sink.
- **2-Function Sprayhead:** Provides both an aerated stream for filling and a powerful spray for rinsing.
- **Spot-Free Finish:** Resists water spots and fingerprints, simplifying cleaning and maintenance.

- **Durable Construction:** Heavy-duty metal body, ceramic cartridge, and lead-free brass water lines ensure long-lasting performance.
- **Battery Operated:** Easy-to-install battery pack (4 AA batteries included) with optional manual operation during power outages.

Safety Information

Before installation or operation, please read all safety warnings and instructions carefully. This product may expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.
A comprehensive Safety Information document is available for download. It is crucial to review this document to ensure safe handling and usage of the faucet.
Download Safety Information (PDF)

Package Contents

The Kraus Bolden Touchless Kitchen Faucet package includes the following components:

- Kitchen Faucet Assembly
- Pre-attached Waterlines
- Mounting Hardware
- Control Box
- Battery Box (requires 4 AA batteries, included)
- Quick Connect Hose
- Snap-on Weight

Setup and Installation

The Kraus Bolden Touchless Kitchen Faucet is designed for easy DIY installation with pre-attached water lines and included hardware. It is suitable for single-hole installation.
For detailed step-by-step instructions, diagrams, and troubleshooting tips during installation, please refer to the official Installation Manual.
Download Installation Manual (PDF)

Kraus



MAXIMUM PERFORMANCE

Pull-down sprayer with Reach™ technology features an easy-retract hose with swivel adapter that offers the ability to flex, pivot, and reach all around the sink – Independent docking arm swings to the side for easy access

HIGH-ARC SPOUT

Generous spout height offers more room under the faucet for oversized items like large pots and tall pitchers, swivels 180° for a broad range of motion

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Figure 2: Illustration of the battery-operated system, including the control box and battery box, which are essential for the touchless function.

Battery Installation:

The faucet requires 4 AA alkaline batteries (included) for its touchless operation. Install these batteries into the designated battery box as per the instructions in the manual. Ensure correct polarity.

Operating Instructions

Touchless Operation:

The Bolden faucet features motion-sensor technology for hands-free activation.

- To turn water **ON**, wave your hand in front of the side sensor located on the faucet body.
- To turn water **OFF**, wave your hand in front of the sensor again.
- The sensor is strategically placed on the side to prevent accidental activation during dishwashing or other tasks.
- A built-in timer automatically stops water flow after 3 minutes of continuous use to conserve water.



Figure 3: Key features of the touchless operation, including sensor placement and battery functionality.

Manual Operation:

The faucet can also be operated manually using the single handle.

- Move the handle to the desired position for water temperature and flow.
- In case of power outages or depleted batteries, the faucet can still be operated manually.
- A coin-slot switch on the control box allows for deactivating the sensor function for continuous manual use.

2-Function Pull-Down Sprayer:

The pull-down sprayhead offers two distinct spray modes for various tasks.

- **Aerated Stream:** Ideal for everyday cleaning and filling pots.
- **Powerful Spray:** Provides a strong stream to blast away stubborn food residue.

- Switch between modes using the button on the sprayhead.
- The Reach Technology hose provides an extended range of motion and easy retraction.



Figure 4: Detailed view of the sprayhead, illustrating the aerated stream and powerful spray options.

Maintenance

Cleaning the Spot-Free Finish:

The Spot-Free Antique Champagne Bronze finish is designed to resist water spots and fingerprints, making it easy to maintain.

- Clean with a soft cloth and mild soap.
- Avoid abrasive cleaners, steel wool, or harsh chemicals, as these can damage the finish.
- Regular wiping with a dry cloth will help maintain its luster.



Figure 5: Visual comparison highlighting the benefits of the Spot-Free finish in resisting water spots and fingerprints.

Sprayer Nozzle Cleaning:

The soft rubber nozzles on the sprayhead allow for easy wiping away of mineral build-up. Periodically wipe the nozzles to ensure optimal spray performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Touchless sensor not responding or intermittent.	Low or dead batteries. Sensor obstructed or dirty. Interference from metal objects near control box.	Replace all 4 AA batteries with new alkaline batteries. Clean the sensor area on the faucet body. Ensure no large metal objects are directly under the sink near the control box.

Problem	Possible Cause	Solution
Low water pressure.	Aerator/sprayhead clogged with mineral deposits. Filter in control box is clogged.	Remove and clean the sprayhead/aerator. Turn off water supply, disconnect control box, and clean the filter inside. Refer to the installation manual for detailed steps.
Water continues to run after sensor activation.	Sensor malfunction. Built-in timer not activating.	Wave hand again to attempt to turn off. If issue persists, try deactivating and reactivating the sensor function via the switch on the control box. Contact Kraus customer support if the problem continues.

For further assistance or issues not listed here, please refer to the complete Installation Manual or contact Kraus customer support.

SPECIFICATIONS

Attribute	Detail
Brand	Kraus
Model Name	Bolden
Model Number	KSF-1610SFACB
Color	Spot-Free Antique Champagne Bronze
Finish Type	Spot Free Antique Champagne Bronze
Material	Brass
Mounting Type	Deck Mount
Number of Handles	1
Hole Count	1
Special Feature	Touchless, Dual Function Sprayer
Faucet Height	18 3/4 in. (47.6 cm)
Spout Height	6 1/4 in. (15.9 cm)
Spout Reach	8 5/8 in. (21.9 cm)
Maximum Flow Rate	1.8 Gallons Per Minute (GPM)
Valve Type	Ceramic Cartridge Valve
Item Weight	6.13 Pounds (2.78 kg)
Batteries Required	4 AA Alkaline batteries (included)
Country of Origin	China
UPC	846639097949

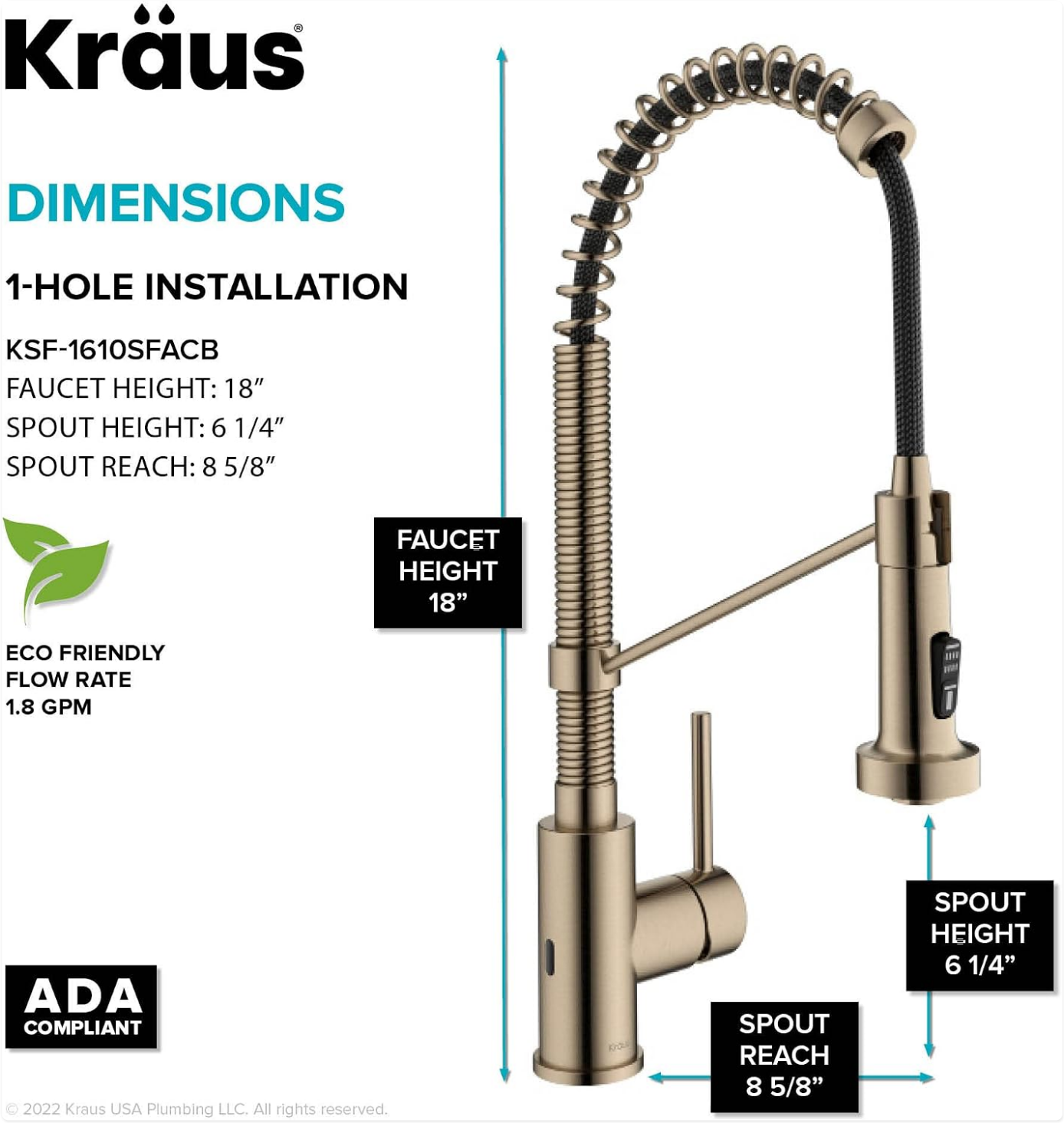


Figure 6: Detailed dimensions of the Kraus Bolden faucet for installation planning.

Warranty and Support

Limited Lifetime Warranty:

The Kraus Bolden Touchless Kitchen Faucet is backed by a Limited Lifetime Warranty. This warranty covers defects in material and manufacturing for the life of the product. For specific terms and conditions, please refer to the official warranty documentation provided with your purchase or visit the Kraus website.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact Kraus customer support.

- Visit the official Kraus website for contact information and FAQs.
- Refer to the Installation Manual and Safety Information documents for common inquiries.

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