

SensorScan™ 910 Infrared Control Gooseneck Faucet With Plug-In DC Adaptor

Models S53-281A, S53-298, S53-299



- **Reliable Infrared Activation with Adjustable Range**
- **Broad Sensing Area Within Bowl**
- **Vandal Resistant**
- **Centershank Mounting**
- **Includes 110AC/9VDC Plug-In Adapter with Water-Resistant Connection**

Specifications

User Operation

The faucet activates water flow only when the user's hands enter a broad infrared detection zone within the lavatory bowl perimeter. The faucet turns itself off after hands are removed from the lavatory bowl area, allowing users to dry hands or groom without wasting water.

Component Operation

The SensorScan™ Model 910 controls water flow by using a 9-volt DC powered sensor module to open and close a motor driven valve.

The Bradley SensorScan™ faucet uses a zone focused infrared transmitting beam to create a large detection area confined strictly to the lavatory bowl. When hands enter the detection area, the sensor starts water flow by electronically opening the valve. When hands leave the detection area, the sensor stops water flow by closing the valve. The faucet is powered by a 110AC/9VDC plug-in adapter with a water-resistant connector. The valve, circuit board, and range adjustment control are mounted in a small, water-resistant operation box, which can be remotely mounted beneath the countertop.

The incoming water supply can be tempered or cold. An optional Bradley Vernatherm thermostatic mixing valve delivers tempered water at a temperature no greater than 105°F.

Standard Equipment

Infrared Sensor

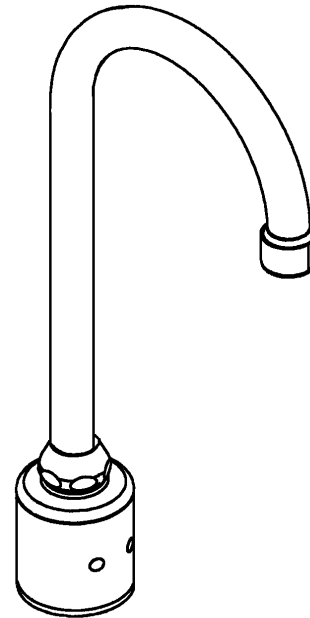
The sensor module uses a zone focused infrared transmitting beam, creating a detection area not exceeding the bowl perimeter. The sensor is not affected by varying skin tones or darkness. The sensor range is adjustable from approximately 3" to 7" (factory preset to 6").

Valve

9-volt DC. The electronically activated, motor driven valve provides reliable performance since there are few moving parts and its operation is unaffected by most chemicals and minerals found in municipal water supplies. The valve is located in the operation box assembly.

Flow Control/Rate

Operating range 20-100 PSI. The flow rate 2.5 GPM from a non-aerated flow outlet.



Faucet Body

Chrome-plated, solid brass cast body. Centershank mounting 4" or 8" centerset mounting with trim plate.

Sanitary

No-touch operation reduces water/soap splatter and addresses the public's increasing awareness and concern about communicable diseases.

Vandal Resistant

There are no surface-mounted controls to tempt vandals. The sensor module and valve are housed in the operation box assembly below deck.

Barrier Free (ANSI A117-1-1990)



The sensor module produces a broad detection zone which allows disabled users to easily activate the faucet from either a front or side approach.

Bradley faucets comply with the National Energy Act (NEA).

Check Your Surroundings

Certain factors, such as intense direct sunlight, other infrared devices, or other site conditions may interfere with the activation of infrared faucets. Contact your local Bradley representative to discuss any application concerns.

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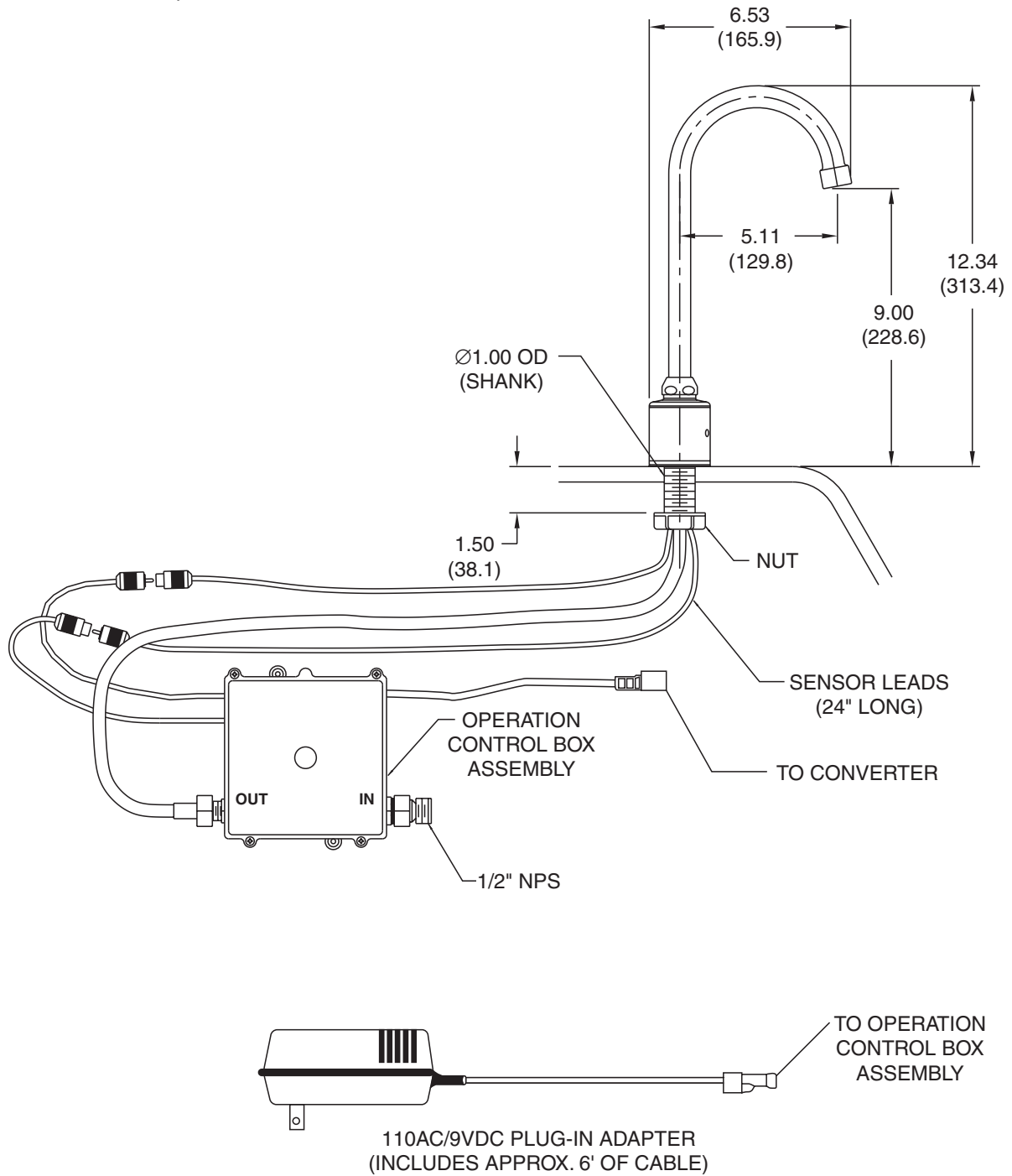
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PLUMBING FIXTURES TECHNICAL DATA

Dimensions shown in parentheses are in millimeters.
All dimensions reference only.



Bradley Corporation reserves the right to make changes in design and material without formal notice and without incurring obligation. Verify all rough-in dimensions prior to installation.

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Models S53-281A, S53-298, S53-299



Sample Specification

No-touch infrared faucet shall be (S53-281A) Bradley Model 910 SensorScan™ Infrared Control Gooseneck Faucet with Plug-In Adaptor. Infrared sensor to use zone-focused transmitting beam, creating a detection area not exceeding the bowl perimeter. The infrared sensor module shall electronically activate a DC motor-driven valve. Faucet shall be powered by 110AC/9VDC adapter (included). Faucet shall include chrome-plated, solid brass cast body with centershank mounting.

OPTIONAL SELECTIONS

Water Supply:

- S53-056** TMA Vernatherm Thermostatic Mixing Valve
- S53-1604** TL Single Tempered Line w/ Stop, Strainer, Check Valves

Temperature Selection Valve:

- S01-515** MM2, User-Adjustable Mixing Valve, High Flow, 3 GPM

Drain Assembly:

- 269-1231** D-ASSY, Drain, Strainer, and Tailpiece

MODELS – Faucet Only

Part No.	Model/Description
<input type="checkbox"/> S53-281A	910 SensorScan™ Gooseneck w/ 9V Plug-In Adaptor

MODELS – Faucets with Trim Plate

Part No.	Model/Description
<input type="checkbox"/> S53-298	910 SensorScan™ Gooseneck w/ 9V Plug-In Adaptor & 4" Trim Plate
<input type="checkbox"/> S53-299	910 SensorScan™ Gooseneck w/ 9V Plug-In Adaptor & 8" Trim Plate

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