

SensorScan™ 950 Faucet with Battery Operated Infrared Control

Models S53-263, S53-291, S53-292



- Reliable Battery-Operated Infrared Activation
- Broad Sensing Zone Within Bowl
- Vandal Resistant
- Available Centershank, 4" Centerset and 8" Centerset Mounting
- Double-A Battery Power or 9-Volt DC Plug-In Adaptor
- Operating Valve and Sensor Built into Faucet Body

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 the hands are removed from the lavatory bowl area, allowing users to dry hands or groom without wasting water.

Component Operation

The SensorScan™ Model 950 controls water flow by using a battery-powered sensor module to open and close a motor-driven valve, both built into the faucet's body.

The Bradley SensorScan™ faucet uses a zone-focused infrared transmitting beam to create a large detection area confined strictly to the lavatory bowl. When the hands enter the detection area, the sensor starts water flow by electronically opening the faucet's integral valve. When hands leave the detection area, the sensor stops water flow by closing the valve. The faucet can be powered by (6) double-A batteries or an optional 110VAC/9VDC plug-in adaptor. The batteries are mounted in a small plastic box which can be remotely located beneath the countertop.

Average faucet cycles will vary by battery. The (6) double-A batteries (not included) yield approximately 500,000 cycles.

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 color tones or darkness.

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 often present in municipal water supplies. The valve is built into the faucet body.



Flow Control/Rate

Operating range 20-100 PSI. The flow rate is .5 GPM, non-aerated flow outlet. Vandal resistant, non-aerated, .5GPM spray-head is only removeable with a special wrench (supplied).

Body

Chrome-plated, solid cast brass body. Centershank mounting (standard), 4" and 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 operating valve are housed within the faucet body.

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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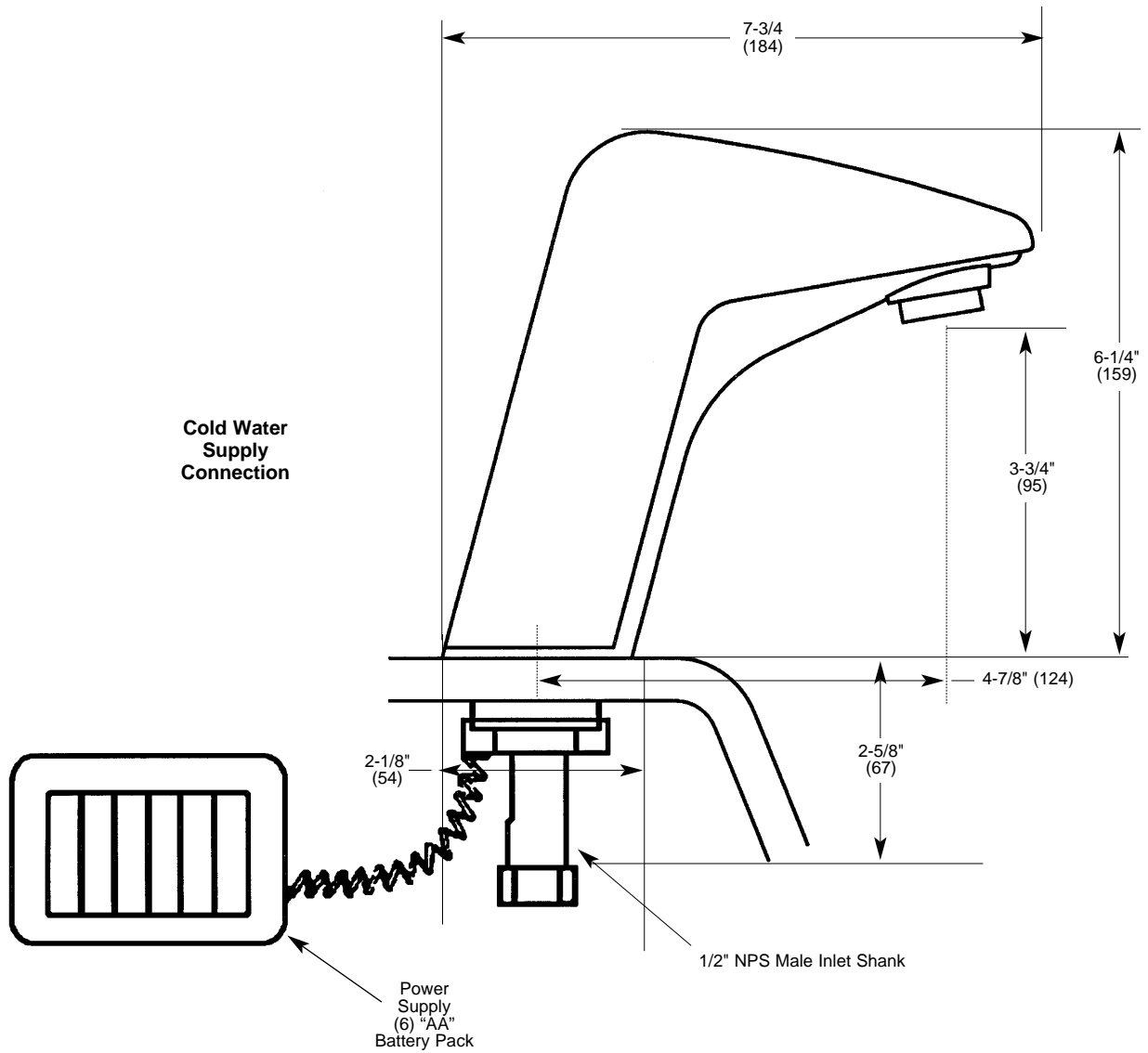
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PLUMBING FIXTURES TECHNICAL DATA

Dimensions shown in parentheses are in millimeters.



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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Sample Specification

No-touch infrared faucet shall be (S53-263) Bradley Model 950 SensorScan™ battery-operated infrared faucet. 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 9-volt DC motor-driven valve. Faucet shall be powered by a (6) double-A battery pack. Faucet shall include chrome-plated, solid cast brass body with centershank mounting.

MODELS – Faucet Only	
Part No.	Model/Description
<input type="checkbox"/> S53-263	950 SensorScan™, Battery IR

MODELS – Faucets with Trim Plate	
Part No.	Model/Description
<input type="checkbox"/> S53-291	950 SensorScan™, Battery IR & 4" Trim Plate
<input type="checkbox"/> S53-292	950 SensorScan™, Battery IR & 8" Trim Plate

OPTIONAL SELECTIONS	
Water Supply:	
<input type="checkbox"/> S53-056	TMA Vernatherm Thermostatic Mixing Valve
<input type="checkbox"/> S53-1604	TL Single Tempered Line w/ Stop, Strainer, Check Valves
Adaptor:	
<input type="checkbox"/> 232-003	110VAC/9VDC PLUG-IN ADAPTOR
Temperature Selection Valve:	
<input type="checkbox"/> S01-515	MM2, User-Adjustable Mixing Valve, High Flow, 3 GPM
Drain Assembly:	
<input type="checkbox"/> 269-1231	D-ASSY, Drain, Strainer, and Tailpiece

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