



A WATTS Brand

# Aerada™ 900 Series Faucet with Accu-Zone® Infrared Control

- Lead-free design
- 0.5 gpm vandal-resistant aerator
- Reliable infrared activation
- Broad sensing zone within bowl
- Automatic sensor adaptation to lav bowl
- Centershank, 4" centerset or 8" centerset mounting

## 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.

### Materials

Chrome-plated, solid cast brass body.

### Mounting

4" centerset, 8" centerset and centershank mounting available.

### Vandal Resistance

Mounted on lav with studs. Solid brass construction. Sensor module is sealed airtight, located inside the faucet, and protected by a shatter-resistant polycarbonate shield. Accu-Zone® sensors automatically shut off water flow after 30 seconds if a stationary object is left in the detection area. Optional anti-theft bracket for plug-in adapter available.

### Sanitary

No-touch operation reduces water/soap splatter. User's hands need not touch faucet after washing.

## Standard Equipment

### Infrared Sensor

The sensor module uses a zone-focused infrared transmitting beam, creating a detection area not exceeding the bowl perimeter. Accu-Zone sensors activate when the user's hands enter the detection area. A timing turn-off delay of 2–3 seconds results in a smooth, controlled hand-washing operation.

### Solenoid

12VDC plug-in adapter, 3/8" NPT supplies. The electronically activated solenoid valve contains few moving parts and its operation is unaffected by most chemicals and minerals often present in municipal water supplies.

### Flow Rate

Operating range 20–80 psi. Standard flow rate is 0.5 gpm. Optional 0.35 gpm aerator is available.

### Water Supply

Incoming water supply can be tempered or cold. A Bradley Thermostatic Mixing Valve can be utilized to mix hot and cold supplies and deliver tempered water.



## 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.

## Product Compliance

### Listed by IAPMO R&T to

- Uniform Plumbing Code (UPC)
- National Plumbing Code of Canada
- International Plumbing Code (IPC)
- ASME A112.18.1/CSA B125.1
- ICC/ANSI 117.1

### Listed by NSF International to

- NSF/ANSI 372



### Complies with

- ADA



Serves the American Disabilities Act and ICC/ANSI 117.1 guidelines, citations 309.4, 606.4 when installed according to these requirements

Consult local codes and standards.



Plug-in adapters are UL/CSA recognized, 120VAC/12VDC. Location and box, if required, (by others) per local electrical code.

Verify all rough-in dimensions prior to installation.

Consult local and national codes. Conformity and compliance to local and national codes is the responsibility of the installer.



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## Sample Specification

No-touch infrared faucet shall be Bradley Aerada™ 900 Series faucet with Accu-Zone sensor module. Infrared sensor to use two zone-focused transmitting beam, creating a detection area not exceeding the bowl perimeter. The infrared sensor module shall electronically activate a 12V solenoid valve using a 12VDC power supply. Infrared sensor module to have auto shut-off after 30 seconds of continuous triggering by a stationary object, a timing turn-off delay of 2–3 seconds. Sensor module send-and-receive optics shall be protected by a flush-mounted, shatter-resistant polycarbonate shield. Faucet shall include 12VDC plug-in adapter, chrome-plated, and solid cast brass body with centershank mounting.

## Models

### Faucet w/Thermostatic Mixing Valve

<b>S53-341TMA</b>	4" Centerset
<b>S53-343TMA</b>	Centershank
<b>S53-345TMA</b>	Centershank w/ 8" Trimplate

### Faucet w/Tempered Line

<b>S53-341TL</b>	4" Centerset
<b>S53-343TL</b>	Centershank
<b>S53-345TL</b>	Centershank w/ 8" Trimplate

## Optional Selections

### Adapter Accessories

<b>S83-376</b>	Adapter Anti-Theft Bracket
<b>251-026</b>	Remote Adapter Cable Extension

### Splitter Kits

<b>S45-2881</b>	Splitter Kit-2 Faucets
<b>S45-2883</b>	Splitter Kit-3 Faucets
<b>S45-2884</b>	Splitter Kit-4 Faucets

### Drain Assembly

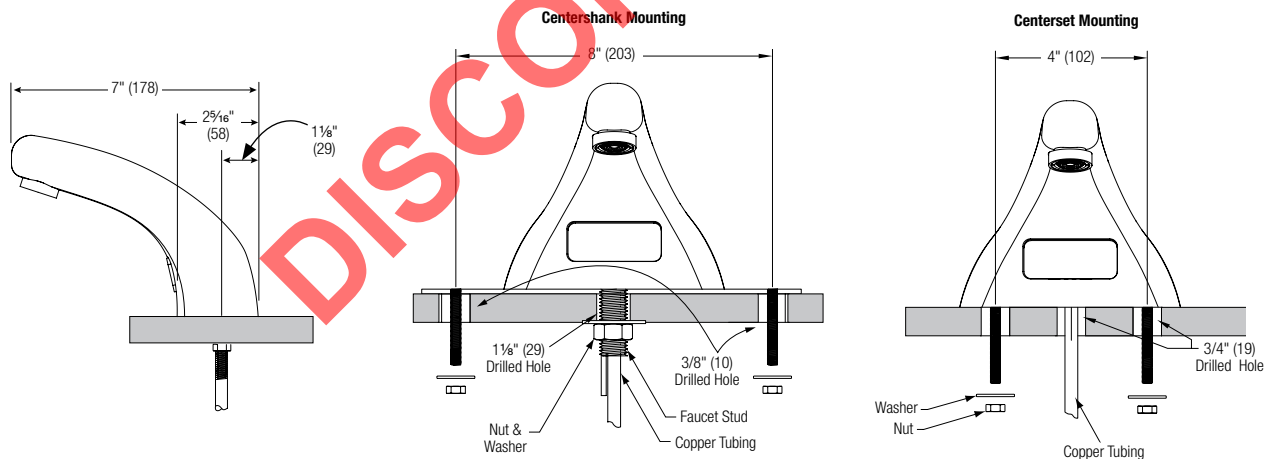
<b>269-1839-PC</b>	D-ASSY, Drain, Strainer, and Tailpiece w/Polished Chrome Finish
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### Aerator

<b>S45-2678</b>	0.35 gpm Aerator Prepack w/Key
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## Dimensional Information

(mm)



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