scuff bases are 300 series stainless steel with a #4 finish. Bradstone® models have tapered, are zinc chromate plated 14 gauge steel; upper braces are 16 gauge galvanized steel; and Pedestals:
constructed of die-formed legs, upper braces, scuff bases and panels: legs polyester resins, finely ground inorganic fillers and fade resistant pigments.

Construction
Bradstone®: An extremely durable plastic material made of reinforced thermosetting polyester resins, finely ground inorganic fillers and fade resistant pigments.

Pedestals: Constructed of die-formed legs, upper braces, scuff bases and panels: legs are zinc chromate plated 14 gauge steel; upper braces are 16 gauge galvanized steel; and scuff bases are 300 series stainless steel with a #4 finish. Bradstone® models have tapered, vacuum-formed plastic access panels in the color gray.

Standard Equipment
Valves and Fittings
In addition to the bowl and pedestal assembly, the following valves and fittings are standard: sprayhead with stainless steel support tube and bowl gasket; spud with domed strainer; sprayhead supply line; manual mixing valve; volume control valve; and (2) stop, strainer, and check valves.

Activation Controls
Foot
Each press of the foot rail mechanically actuates a hold-open valve, with slow closing upon release of foot pressure.

Air
Each push button pneumatically actuates a non-hold-open, air metering, single-temperature valve with field adjustable timing from 0–45 seconds. Factory preset at 11 seconds. Each push button activates a flow of tempered water from the classic non-sectional sprayhead. Push button requires less than five pounds of pressure.

Infrared
Hands placed within the bowl are detected by an infrared sensor module which activates a flow of tempered water from the classic non-sectional sprayhead. Shut-off is automatic after hands are removed from the detection area. The infrared sensor uses a conical-shaped transmitting beam, having a detection area adapted to, but not exceeding, the bowl perimeter. The adaptive infrared sensor automatically adapts to the bowl after power is turned on. The infrared sensor is not affected by varying color tones or darkness. Direct sunlight or bright washroom lights will not activate the system. Infrared models also include solenoid valves and a 12V plug-in adapter as standard equipment:

- Solenoid – 12VDC, 3/4" NPT. Few moving parts, and resistant to most chemicals, minerals, and impurities often present in municipal water supplies.
- Low-Voltage UL/CSA listed 120VAC/12VDC plug-in adapter. Plugs into a standard GFCI protected electrical outlet. Location of transformer per local electrical code.

Specifications
Size and Capacity
Semi-circular models accommodate up to 3 users (36" models) or 4 users (54" models) at a time. Circular models accommodate up to 5 users (36" models) or 8 users (54" models) at a time. All models utilize less water, energy, and space than lavatories equipped with conventional faucets. The Classic Sprayhead (non-sectional) is controlled by an infrared sensor, electronic push button or piezo switch, air activated push button, or foot rail. The washfountain bowls, pedestals, and valve sets are completely assembled. Only the support column and connections to the valve set and drain require assembly. The operating range is 20-80 psi. Flow rate controlled by volume control valve.

Code Compliance and Certifications


Standard product selections contained within this document are third party CERTIFIED to NSF/ANSI 372 meeting the Lead-Free content requirement. Any product configured with custom options will be COMPLIANT with NSF/ANSI 372 meeting the Lead-Free content requirement.

Contact Us
NSE
NSF/ANSI 372
## Models (Must select one)

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Users</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>WF2803</td>
<td>36&quot; Semi-Circular</td>
<td>3</td>
<td>Bradstone</td>
</tr>
<tr>
<td>WF2804</td>
<td>54&quot; Semi-Circular</td>
<td>4</td>
<td>Bradstone</td>
</tr>
<tr>
<td>WF2805</td>
<td>36&quot; Circular</td>
<td>5</td>
<td>Bradstone</td>
</tr>
<tr>
<td>WF2808</td>
<td>54&quot; Circular</td>
<td>8</td>
<td>Bradstone</td>
</tr>
</tbody>
</table>

## Optional Selections

### Shroud Type
- **SH** Stainless Steel Shroud (Conceals Overhead Piping)*
- **NONE** No Shroud

NOTE: Floor to ceiling height is required; maximum height of 13 ft. 0 in. A height greater than the maximum height will be considered a special order.

### Support Tube Reinforcement Type
- **TA** 1-1/2" Tie Pipe Assembly (Not Required When SH is Selected) §
- **NONE** No Tie Pipe Assembly

### Towel Dispenser Type
- **CFTD** (2 for semi, 3 for circular) C-Fold, Multi-Fold Dispenser
- **SFTD** (2 for semi, 3 for circular) Single-Fold Dispenser
- **NONE** No Towel Dispenser

*Non-cancelable, non-returnable.

**TTPA and TTPB require a low-voltage UL/CSA listed 120VAC/12VDC plug-in adapter.

† Towel dispenser with SA option is non-cancelable and non-returnable.

§ Required with drain A, drain O, and towel dispensers.

‡ Not a temperature limiting device. Installer must provide an ASSE 1070 device where required per code.

## Standard Selections (Must select one from each category)

### Drain Type (select one)
- **A** Off-line vent with supplies from below
- **B** Centrally rising vent with supplies from above
- **H** Centrally rising vent with supplies from below
- **O** Off-line vent with supplies from above

### Mounting Height Type (select one)
- **STD** Standard Height

### Sprayhead Type (select one)
- **CLC** Classic Sprayhead (entire sprayhead activates)

### Activation Type (select one)
- **F** Foot
- **IRP** Infrared
- **AST4** Air Valve Metering

### Water Supply Type (select one)
- **MMV** Manual Mixing Valve†
- **TMA** Thermostatic Mixing Valve

### Soap Dispenser Type (select one)
- **PSD** Powdered Soap Dispenser
- **LSD** Liquid Soap Dispenser
- **MLSD** Metal-Clad Liquid Soap Dispenser
- **MPSD** Metal-Clad Powdered Soap Disp.
- **SA** Cube Adapter for Individual Soap Dispensers (dispensers sold separately)†
- **NSD** No Soap Dispenser

### Bradstone® Bowl Color (select one)
- **SBOX** Sandbox
- **CBON** Carbon

## Semi-Circular Bradstone® WF2803 and WF2804, Circular Bradstone® WF2805 and WF2808

![WF2803](image1.png)  ![WF2804](image2.png)  ![WF2805](image3.png)  ![WF2808](image4.png)
## Dimensional Information

### Semi-Circular

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C**</th>
<th>D**</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>2804</td>
<td>54&quot; (1372)</td>
<td>29¼&quot; (743)</td>
<td>37½&quot; (953)</td>
<td>46&quot; (1168)</td>
<td>54⅜&quot; (1381)</td>
<td>35⅞&quot; (895)</td>
<td>24½&quot; (616)</td>
<td>35⅞&quot; (895)</td>
<td>8¼&quot; (222)</td>
</tr>
<tr>
<td>2803</td>
<td>36&quot; (914)</td>
<td>29¼&quot; (743)</td>
<td>34&quot; (864)</td>
<td>42⅓&quot; (1080)</td>
<td>50⅞&quot; (1232)</td>
<td>30⅞&quot; (805)</td>
<td>18½&quot; (470)</td>
<td>25¾&quot; (654)</td>
<td>7¾&quot; (197)</td>
</tr>
</tbody>
</table>

**Add 3½" to Dimensions C & D for Optional TouchTime®, Infrared Sensor, or Air Valve.

### Circular

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C**</th>
<th>D**</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>2808</td>
<td>54&quot; (1372)</td>
<td>29¼&quot; (743)</td>
<td>37½&quot; (953)</td>
<td>46&quot; (1168)</td>
<td>54⅜&quot; (1381)</td>
<td>54 (1372)</td>
<td>32 (813)</td>
</tr>
<tr>
<td>2805</td>
<td>36&quot; (914)</td>
<td>29¼&quot; (743)</td>
<td>34&quot; (864)</td>
<td>42⅓&quot; (1080)</td>
<td>50⅞&quot; (1232)</td>
<td>36 (914)</td>
<td>21 (533)</td>
</tr>
</tbody>
</table>

** Add 3-1/2" (89) for optional TouchTime®, infrared sensor or air valve.
Rough-In Notes
1. All pipes and fittings not furnished by Bradley are shown in broken lines.
2. Supply lines for one to two washfountains should be 1"; for three washfountains 1¼"; for more than three washfountains, pipe sizes should be increased proportionately.
3. Overhead supplies must be reduced to 1/2" copper tube to pass through support tube.
4. Check valve inlets are 1/2" NPT.
5. Drain Types B and H: For maximum rigidity of sprayhead/support tube assembly, use 1½" NPT galvanized pipe for vent. Use of plastic or copper for vent is not recommended.

Rough-Ins – Semi-Circular

Type A
– Off-line vent with supplies from below.

Type O
– Off-line vent with supplies from above.

Installing Traps
When installing trap with a coupling and nipple, see dimension D in the chart below. If trap is installed tight to bottom of bowl, dimension D depends on design of trap.

<table>
<thead>
<tr>
<th>Model</th>
<th>Bowl Size</th>
<th>A*</th>
<th>B** (Standard Height)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WF2804</td>
<td>54&quot; (1372)</td>
<td>8¼&quot; (210)</td>
<td>6 to 11¼&quot; (152 to 295)</td>
</tr>
<tr>
<td>WF2803</td>
<td>36&quot; (914)</td>
<td>7¾&quot; (197)</td>
<td>6 to 12&quot; (152 to 305)</td>
</tr>
</tbody>
</table>

* Wall to centerline of trap
** Centerline of drain to floor
Rough-Ins – Semi-Circular (continued)

**Type B**

– Centrally rising vent with supplies from above.

**Type H**

– Centrally rising vent with supplies from below.

---

**Dimensions – Pedestal Anchoring**

<table>
<thead>
<tr>
<th>Model</th>
<th>Bowl Size</th>
<th>Standard Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>WF2504</td>
<td>54&quot; (1372)</td>
<td>16½&quot; (419)</td>
</tr>
<tr>
<td>WF2503</td>
<td>36&quot; (914)</td>
<td>11½&quot; (297)</td>
</tr>
</tbody>
</table>

**Anchoring Pedestals**

1. Place pedestal assembly as shown.
2. Anchor pedestal assembly to floor and wall with suitable wall fasteners. Backing may be required in some types of wall construction.
Rough-Ins – Semi-Circular (continued)

Types A and O

- Model: WF2804
  - Bowl Size: 54" (1372)
  - A (All Types): 8¼" (210)
  - B (Types A & O): 6 to 11¼" (152 to 295)
  - C (Types B & H): 17" (432)
  - D (Types B & H): 7" (178)

- Model: WF2803
  - Bowl Size: 36" (914)
  - A: 4¾" (121)
  - B: 6 to 13¼" (152 to 337)
  - C: 10¾" (273)
  - D: 7" (178)

* Suggested location of 120VAC GFCI electrical outlet when infrared or TouchTime is ordered. Always check local codes before installing. Outlet may be required to be in a remote location.
**Type A**

- Off-line vent with supplies from below.

```
1" NPT Supplies Through Floor: Stub Up 2½" (64) Above Floor

7/8" (194) 7/8" (194)

5" (127) Conduit Location (Infrared Only)

4" (102)

2½" (64)

54" (1372) Bowl
```

**Type B**

- Centrally rising vent with supplies from above.

```
1" NPT Supplies Through Floor: Must Reduce to 1/2 Nom. Copper Tube on These Centers to Pass Through Washfountain

7/8" (22.2) 7/8" (22.2)

5" (127) Conduit Location (Infrared Only)

4" (102)

2" NPT Drain: Stub Up 3" (76) Above Floor

1 1/4" (32) Conduit Location

54" (1372) Bowl
```

**Type H**

- Centrally rising vent with supplies from below.

```
1" NPT Supplies Through Floor: Stub Up 2½" (64) Above Floor

7/8" (194) 7/8" (194)

5" (127) Conduit Location (Infrared Only)

4" (102)

2½" (64)

54" (1372) Bowl
```

**Type O**

- Off-line vent with supplies from above.

```
1" NPT Supplies Through Floor: Must Reduce to 1/2 Nom. Copper Tube on These Centers to Pass Through Washfountain

7/8" (22.2) 7/8" (22.2)

5" (127) Conduit Location (Infrared Only)

4" (102)

2" NPT Drain: Stub Up 3" (76) Above Floor

1 1/4" (32) Conduit Location

54" (1372) Bowl
```

* Remote mounting of plug-in adapter with 120 VAC electrical supply to washfountain is recommended. See local electrical codes before roughing in. (This conduit location is only a recommendation.)