Bradstone® Classic Washfountains

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 pushbutton or piezo switch, air activated pushbutton 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.

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 12 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. Stop button requires less than five pounds of pressure.

Code Compliance and Certifications

cUPC Approval

TouchTime®
Each low-voltage mechanical pushbutton or piezo switch actuates a non-hold-open, slow-closing anti-hammer solenoid valve that is timed from an electronic potted assembly. Each push button activates a flow of tempered water from the classic non-sectional sprayhead. Timing is factory set at 12 second run time but is field adjustable to pre-set timeout periods and optional auto-flush function will activate water flow for a period of 60 seconds any time there has been no activation within the past 24 hours. Push button and piezo switch requires less than five pounds of pressure.

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800 BRADLEY (800 272 3539) +1 262 251 6000
bradleycorp.com
### 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” Semi-Circular</td>
<td>3</td>
<td>Bradstone®</td>
</tr>
<tr>
<td>WF2804</td>
<td>54” Semi-Circular</td>
<td>4</td>
<td>Bradstone®</td>
</tr>
<tr>
<td>WF2805</td>
<td>36” Circular</td>
<td>5</td>
<td>Bradstone®</td>
</tr>
<tr>
<td>WF2808</td>
<td>54” Circular</td>
<td>8</td>
<td>Bradstone®</td>
</tr>
</tbody>
</table>

### 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

### Optional Selections

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

#### 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-cancellable, non-returnable.

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

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

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

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

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### 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>29-1/4&quot; (743)</td>
<td>37-1/2&quot; (953)</td>
<td>46&quot; (1168)</td>
<td>54-3/8&quot; (1381)</td>
<td>35-1/4&quot; (885)</td>
<td>24-1/4&quot; (616)</td>
<td>35-1/4&quot; (885)</td>
<td>8-1/4&quot; (222)</td>
</tr>
<tr>
<td>2803</td>
<td>36&quot; (914)</td>
<td>29-1/4&quot; (743)</td>
<td>34&quot; (864)</td>
<td>42-1/2&quot; (1080)</td>
<td>50-7/8&quot; (1292)</td>
<td>35-1/4&quot; (885)</td>
<td>18-1/4&quot; (464)</td>
<td>25-3/4&quot; (654)</td>
<td>7-3/4&quot; (197)</td>
</tr>
</tbody>
</table>

**Add 3-1/2" 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>29-1/4&quot; (743)</td>
<td>37-1/2&quot; (953)</td>
<td>46&quot; (1168)</td>
<td>54-3/8&quot; (1381)</td>
<td>54 (1372)</td>
<td>32 (813)</td>
</tr>
<tr>
<td>2805</td>
<td>36&quot; (914)</td>
<td>29-1/4&quot; (743)</td>
<td>34&quot; (864)</td>
<td>42-1/2&quot; (1080)</td>
<td>50-7/8&quot; (1292)</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 1-1/4"; 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 1-1/2" 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.

Top View

Side View

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

Top View

Side View

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>8-1/4&quot; (210)</td>
<td>6 to 11-5/8&quot; (152 to 295)</td>
</tr>
<tr>
<td>WF2803</td>
<td>36&quot; (914)</td>
<td>7-3/4&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
**Type B**
- Centrally rising vent with supplies from above.

**Type H**
- Centrally rising vent with supplies from below.

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**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>16-1/2&quot; (419)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>14&quot; (356)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18-1/4&quot; (464)</td>
</tr>
<tr>
<td>WF2503</td>
<td>36&quot; (914)</td>
<td>11&quot; (279)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8-5/8&quot; (219)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12&quot; (464)</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

Types B and H

* 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Bowl Size</th>
<th>A (All Types)</th>
<th>B (Types A &amp; O)</th>
<th>C (Types B &amp; H)</th>
<th>D (Types B &amp; H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WF2804</td>
<td>54&quot; (1372)</td>
<td>8-1/4&quot; (210)</td>
<td>6 to 11-5/8&quot; (152 to 295)</td>
<td>17&quot; (432)</td>
<td>7&quot; (178)</td>
</tr>
<tr>
<td>WF2803</td>
<td>36&quot; (914)</td>
<td>4-3/4&quot; (121)</td>
<td>6 to 13-1/4&quot; (152 to 337)</td>
<td>18-5/8&quot; (47/3)</td>
<td>7&quot; (178)</td>
</tr>
</tbody>
</table>
Rough-Ins – Circular

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

**Type B**
- Centrally rising vent with supplies from above.

**Type H**
- Centrally rising vent with supplies from below.

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

* 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.)