

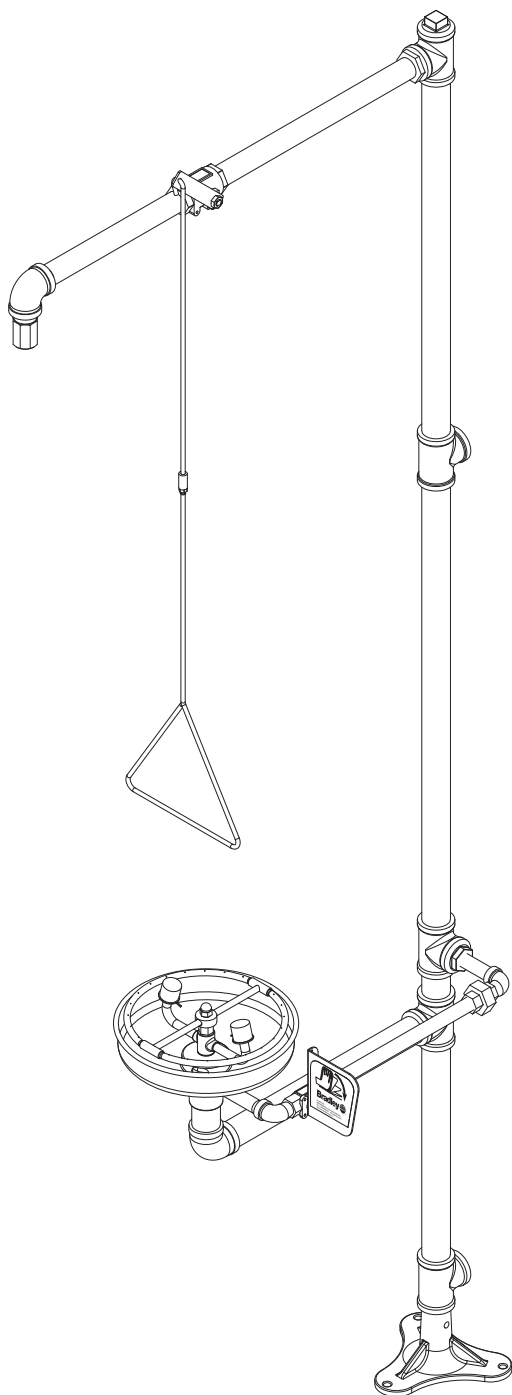
Installation

S19-310BFSS

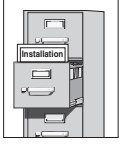
Stainless Steel Combination Drench Shower and Eyewash

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⚠ IMPORTANT ⚠



Read this installation manual completely to ensure proper installation, then file it with the owner or maintenance department. Compliance and conformity to drain requirements and other local codes and ordinances is the responsibility of the installer.



Separate parts from packaging and make sure all parts are accounted for before discarding any packaging material. If any parts are missing, do not begin installation until you obtain the missing parts.



Flush the water supply lines before beginning installation and after installation is complete. Test the unit for leaks and adequate water flow. Main water supply to the eyewash should be "ON" at all times. Provisions shall be made to prevent unauthorized shutoff.



The ANSI Z358.1 standard requires an uninterrupted supply of flushing fluid at a minimum 30 PSI (0.21 MPa) flowing pressure. Flushing fluid should be tepid per ANSI Z358.1.



The inspection and testing results of this equipment should be recorded weekly to verify proper operation. This equipment should be inspected annually to ensure compliance with ANSI Z358.1.



Workers who may come in contact with potentially hazardous materials should be trained regarding the placement and proper operation of emergency equipment per ANSI Z358.1.



For questions regarding the operation or installation of this product, visit www.bradleycorp.com or call 1-800-BRADLEY.

Product warranties and service parts information may also be found under "Products" on our web site at www.bradleycorp.com.

Supplies Required:

- (3) 3/8" floor anchors and bolts
- Pipe sealant
- Piping to 1-1/4" NPT water supply inlet and 1-1/4" NPT drain outlet on unit
- Adequate supply pipe supports
- Minimum 4" (102mm) drain to accommodate 30 gallons (115 liters) per minute discharge for shower waste
- OPTIONAL: sign-mounting hardware

NOTE: Local codes may require the installation of a backflow prevention valve to complete proper installation. Compliance with local codes is the responsibility of the installer. Valve must be tested annually to verify that it is functioning properly. Backflow prevention valves are not included with the fixture and may be supplied by the contractor or purchased from Bradley Corporation.

Installation

Step 1: Secure base to floor

1. Install three suitable anchors (supplied by installer) for 3/8" bolts in the floor.
2. Bolt the base to the floor anchors using 3/8" bolts (by installer).

Step 2: Assemble components

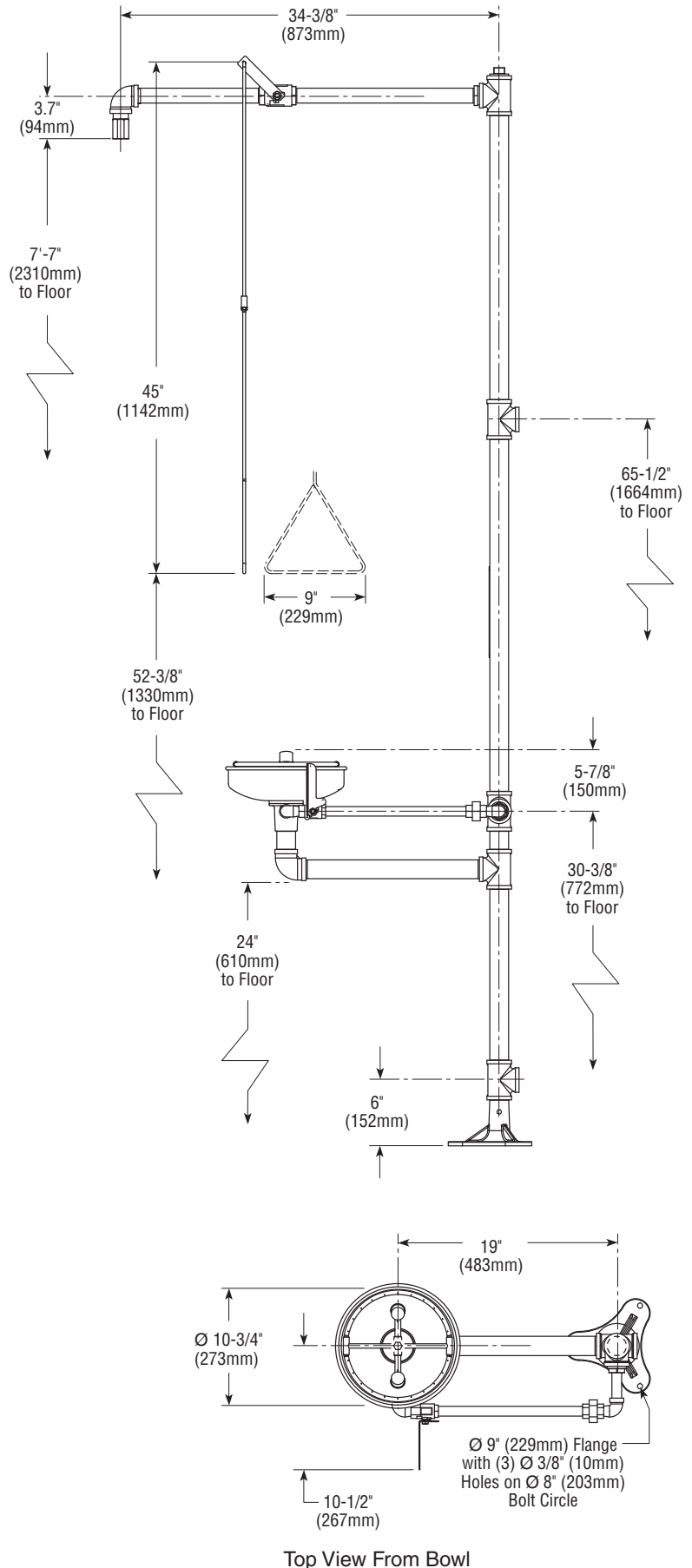
1. Assemble the remaining unit components as shown on page 4.
 - Apply pipe sealant (by installer) to all male-threaded pipe joints.
 - Use the rubber grip pad provided or a strap wrench around pipes when tightening to prevent marring. Place the grip pad on the pipe, then put the wrench over the grip pad and turn the pipe with the wrench.
 - Thread the jam nut onto the threaded end of the pull rod. Thread the pull rod onto the coupling and tighten the jam nut. **The triangular end of the pull rod must be in line with the hook end** (see page 4).
 - The bottom edge of the showerhead should be 7'-7" (2310mm) from the floor.

Step 3: Connect water supply

IMPORTANT: Do not rely on Bradley's Combination Unit to support supply piping.

1. Connect water supply piping to 1-1/4" NPT inlet on unit (piping by installer). Provide adequate supports (by installer) for supply pipe using pipe hangers or other means.
2. Connect drain piping to 1-1/4" NPT drain outlet on unit (piping by installer).
3. Hang the safety sign from the unit with the curtain hooks provided (or mount it to the wall using sign-mounting hardware by installer).

NOTE: All dimensions assume standard thread engagement. Variations in manufacturing allow for +/- 1/8" (3mm) per threaded joint. To find the tolerance of a dimension, add the number of thread joints in between a dimension and multiply it by 1/8" (3mm).



Parts List

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	131-062	1	Base	21	S27-287	1	1/2" NPT Ball Valve with Nut
2	269-237	5	Pipe Tee 1-1/4" NPT	21.1	161-151	1	Nut only
3	269-436S	2	Pipe 1-1/4" NPT x 16-1/2"	22	S08-338	1	Handle Assembly
4	S06-188	1	Solid Nipple 1-1/4" NPT	23	269-242	1	90° Pipe Elbow 1-1/4" NPT
5	113-006NES	1	Pipe 1-1/4" NPT x 32-1/2"	24	113-579	1	Pipe Nipple 1-1/4" NPT x 3"
6	113-584	1	Pipe 1-1/4" NPT x 26-1/2"	25	113-866	1	Pipe 1/2" NPT x 4"
7	269-236	1	Reduc'g Bushing 1-1/4" to 1" NPT	26	S90-317	1	Stainless Steel Spray Ring Assy.
8	269-238	1	Pipe Plug 1-1/4" NPT	26.1	111-049	1	Inlet-Drain Fitting
9	269-434S	1	Pipe 1" NPT x 17"	26.2	124-028	1	Center Seal Gasket
10	S30-061	1	Ball Valve 1" NPT	26.3	187-053	1	Stainless Steel Bowl
10.1	S27-276	1	1" Ball Valve with Nut	26.4	173-009	1	Cup Strainer
10.11	161-079	1	Nut only	26.5	S21-074	1	Supply Pipe
10.2	128-142	1	Handle	26.6	113-1159	1	Spacer, Drain
11	151-001	2	Curtain Hook	26.7	S05-131	1	Eyewash Yoke
12	113-006MN	1	Pipe 1" NPT x 12"	26.8	107-371	2	Dust Cover
13	169-1074	1	90° Elbow 1" NPT	26.9	269-912	1	Swivel Stem
14	S24-191	1	Stainless Steel Showerhead	26.10	124-055	2	Quad Ring
14.1	S24-187	1	Flow Control Assembly, 23 GPM	26.11	S57-148	1	Spray Ring Assembly
15	S90-365D	1	Pull Rod - 45" Long	26.12	110-209	1	Acorn Nut
16	269-239	1	Reduc'g Bushing 1-1/4" to 1/2"	27	114-052	1	Safety Sign
17	113-965	1	Pipe 1/2" NPT x 3-3/8"	28	204-421	1	Emergency Tag
18	269-241	2	90° Street Elbow 1/2" NPT	29	269-915	1	Grip Pad (not shown)
19	269-240	1	Union 1/2" NPT	30	142-002DA	1	Lockwasher
20	269-433S	1	Pipe 1/2" NPT x 13-5/8"				

Prepack S45-1788 includes Items 26.9, 26.10, 26.11, 26.12