

Installation

S19-310GG

Combination Drench Shower and Eye/Face Wash

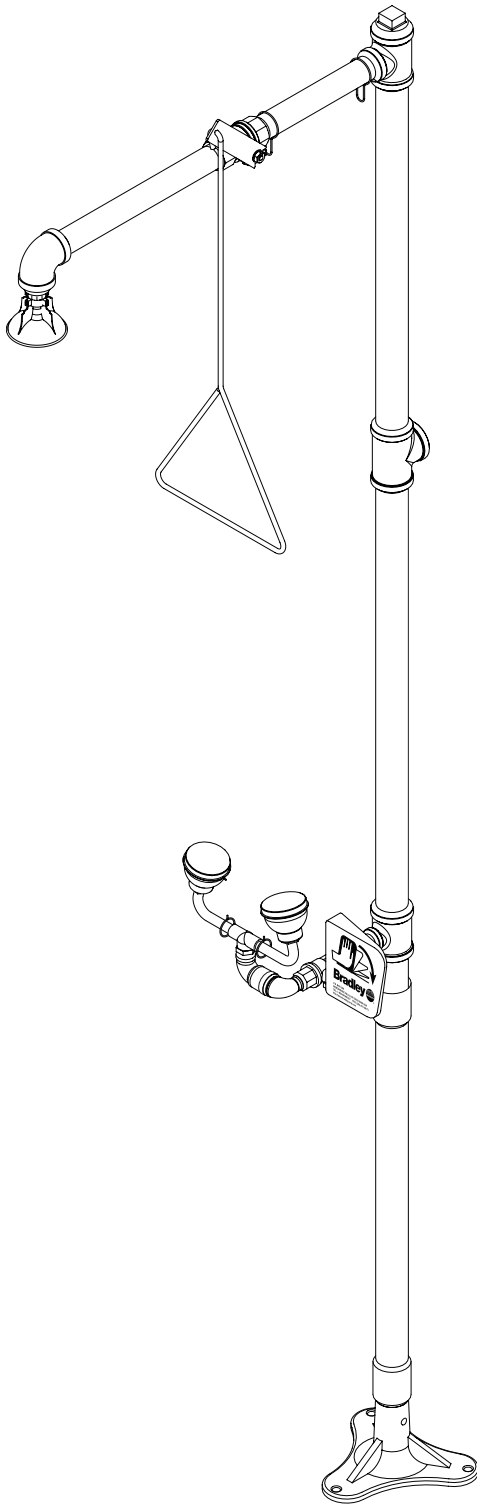
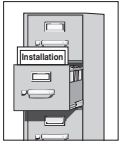


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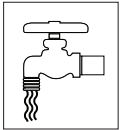
IMPORTANT



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. Bradley plumbed emergency fixtures require a minimum of 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.

Installation

NOTICE! Avoid cleaners containing organic solvents, alcohols, and hydrocarbons. Rinse with water after cleaning.

Supplies Required:

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



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.

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 (supplied by installer).

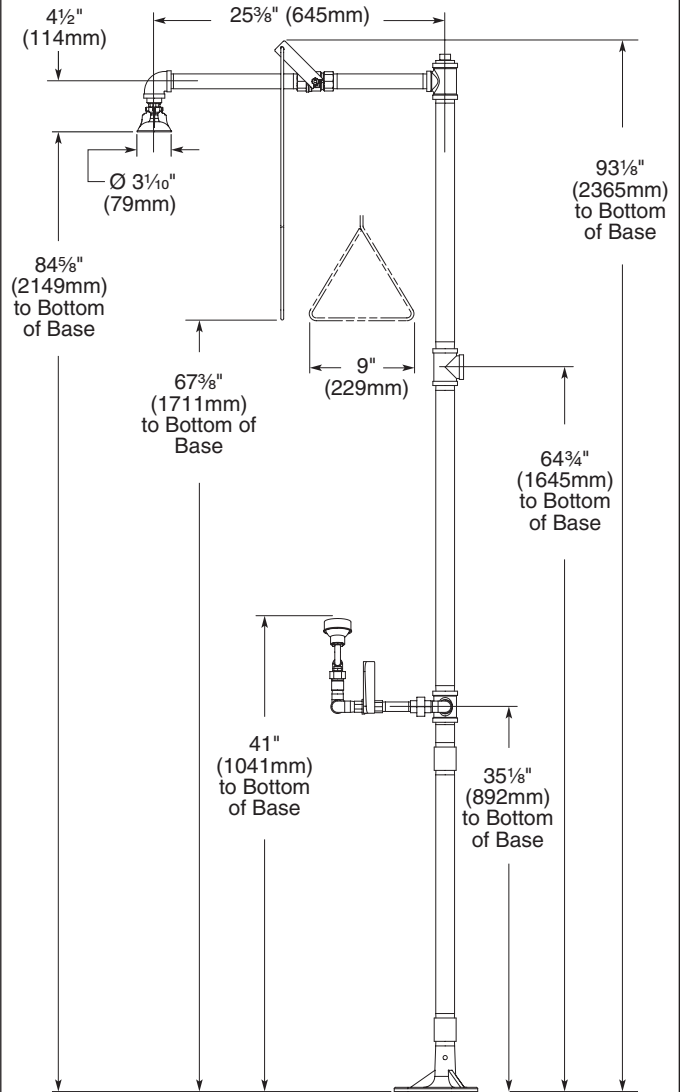
Step 2: Assemble components

1. Assemble the remaining components as shown on page 4.
 - Apply teflon tape or pipe sealant (supplied by installer) as required 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.
 - The bottom edge of the showerhead should be 84 5/8" (2149mm) from the bottom of the base.

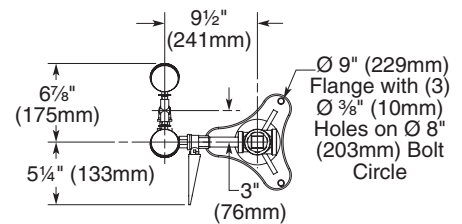
Step 3: Connect water supply

IMPORTANT! Do not rely on Bradley's Drench Shower to support supply piping.

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

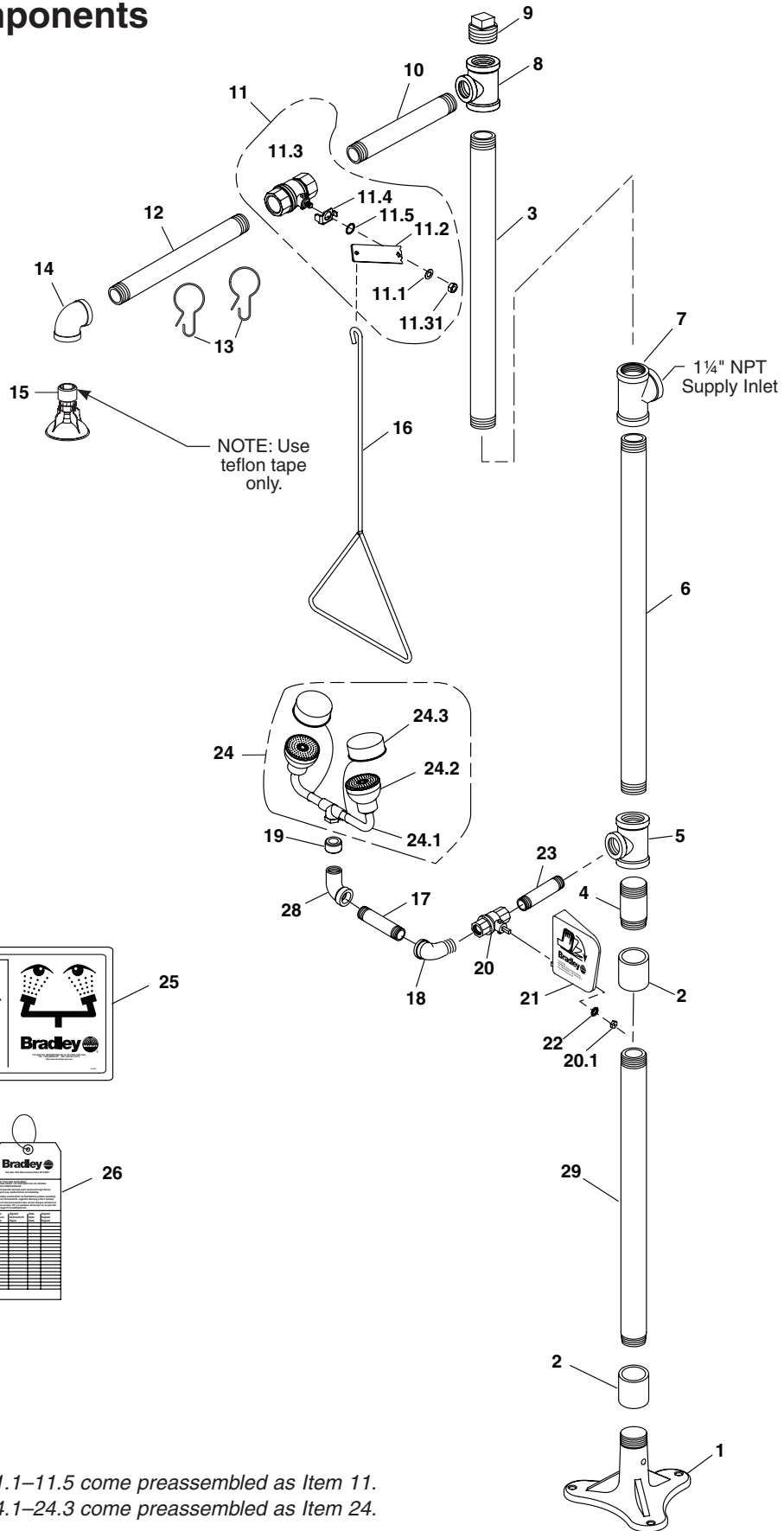


Top view from eyewash



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).

Assembly of Components



Items 11.1–11.5 come preassembled as Item 11.
 Items 24.1–24.3 come preassembled as Item 24.

Parts List

Item	Part No.	Qty.	Description	Item	Part No.	Qty.	Description
1	131-059	1	Base	15	S24-188	1	Showerhead Assembly, Plastic
2	169-853	2	Coupling 1¼"	16	128-156A	1	Pull Rod, 25"
3	113-006LW	1	Pipe 1¼" NPT x 22½"	17	113-1084	1	Pipe ½" NPT x 1½"
4	S06-136	1	Plugged Nipple, 1¼" NPT x 3"	18	169-025	1	Street Elbow
5	169-841	1	Reducing Tee 1¼" x ½" x 1¼"	19	113-006EF	1	3/8" Nipple Close
6	113-006LC	1	Pipe 1¼" NPT x 27½"	20	S27-282	1	½" Ball Valve w/Nut
7	169-727	1	Pipe Tee 1¼" NPT	20.1	110-215		Nut Only
8	169-722	1	Reducing Tee 1¼" x 1" x 1¼"	21	128-135	1	Handle, Plastic
9	169-724	1	Pipe Plug 1¼" NPT	22	142-002DA	1	Lockwasher
10	113-006LL	1	Pipe 1¼" NPT x 9"	23	113-006LQ	1	Pipe ½" NPT x 3½"
11	S30-059	1	Ball Valve Assembly 1"	24	S05-064D	1	Eye/Face Wash Assembly
11.1	142-002DC	1	Lockwasher	24.1	S05-091P	1	Yoke Assembly
11.2	128-129	1	Handle	24.2	S45-2453	1	Service Kit EFW - Black Sprayheads
11.3	S27-278	1	1" Ball Valve w/Nut	24.3	S53-063	2	Dust Cover, Tethered
11.31	110-214		Nut Only	25	114-052	1	Safety Sign
11.4	140-720	1	Stop Bracket	26	204-421	1	Emergency Inspection Tag
11.5	124-048	1	Washer, Friction	27	269-915	1	Grip Pad (not shown)
12	113-006LK	1	Pipe 1" NPT x 12"	28	169-1069	1	Elbow ¾" x ½"
13	151-001	2	Curtain Hook	29	113-006NK	1	Pipe 1¼" NPT x 24¾"
14	169-847	1	90° Elbow 1"				

Prepack S45-122 includes items 20, 20.1, 21, 22

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