

Installation

S19-310F

Combination Drench Shower and Eyewash

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A IMPORTANT **A**



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 uninterruptible 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 parts information may also be found under "Products" on our web site at www.bradleycorp.com.

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Installation

Supplies Required:

- (3) 3/8" floor anchors and bolts
- · Teflon tape and pipe sealant
- Piping to 1-1/4" NPT water supply inlet and to 1-1/4" NPT drain outlet on unit
- Adequate supply pipe supports
- Min. 4" drain to accommodate 30 gallons 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.

Step 1: Secure base to floor

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

Step 2: Assemble components

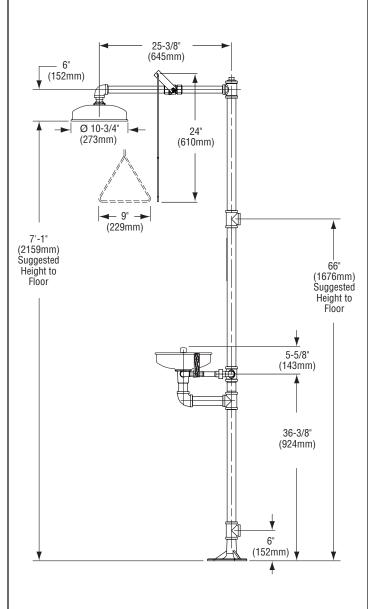
- 1. Assemble the remaining unit components as shown on page 4.
 - Apply pipe sealant (by installer) to all malethreaded pipe joints.
 - Use the rubber grip pad provided or a strap wrench around pipes when tightening to prevent marring. Place the grip pad on the pipe, then put the wrench over the grip pad and turn the pipe with the wrench.
 - Bottom edge of showerhead should be 7'-1" (2159mm) from floor.

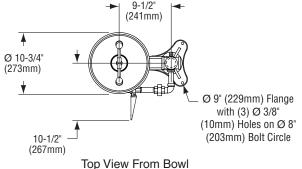
Step 3: Connect water supply



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

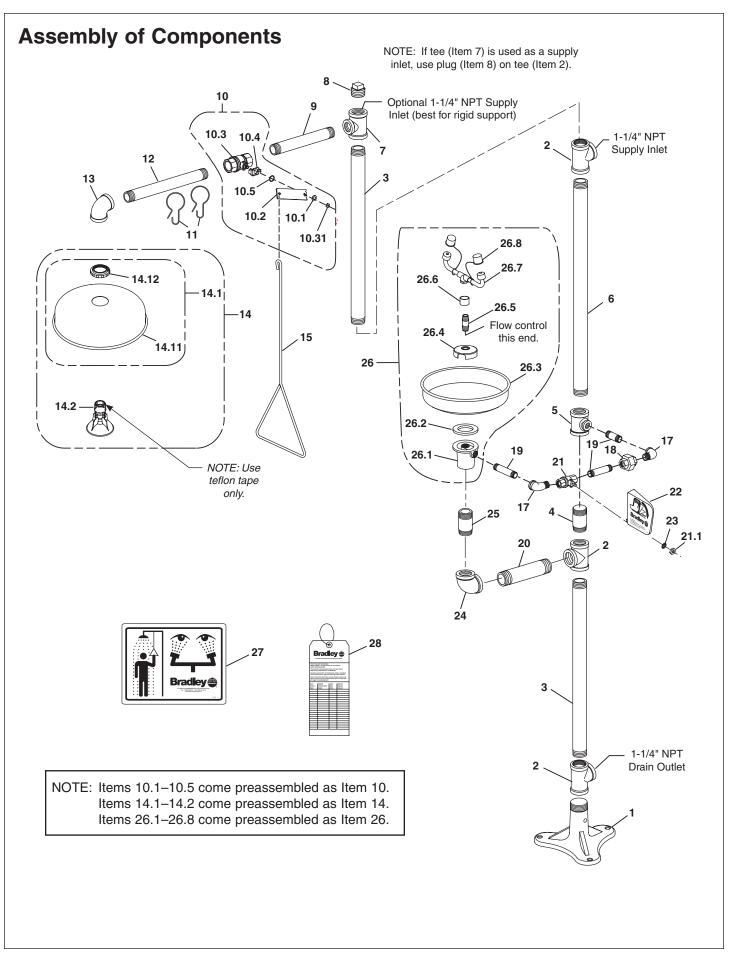
- Connect water supply piping to 1-1/4" NPT inlet on unit (piping by installer). Provide adequate supports (by installer) for supply pipe using pipe hangers or other means.
- 2. Connect drain piping to 1-1/4" NPT drain outlet on unit (piping by installer).
- 3. Hang the safety sign from the unit with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

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Parts List

Item	Part No.	Qty.	Description
1	131-059	1	Base
2	169-727	3	Pipe Tee 1-1/4" NPT
3	113-006LW	2	Pipe 1-1/4" NPT x 22-1/2" Lg.
4	S06-136	1	Plugged Nipple 1-1/4" NPT x 3"
5	169-841	1	Reducing Tee
6	113-006LC	1	Pipe 1-1/4" NPT x 27-1/2"
7	169-722	1	Elbow 1-1/4" x 1" NPT
8	169-724	1	Pipe Plug 1-1/4" NPT
9	113-006LL	1	Pipe 1" NPT x 9"
10	S30-059	1	Stay-Open Ball Valve Assy. 1" NPT
10.1	142-002DC	1	Lockwasher
10.2	128-129	1	Handle
10.3	S27-278	1	1" Ball Valve with Nut
10.31	110-214	1	Nut only
10.4	140-720	1	Stop Bracket
10.5	124-048	1	Washer, Friction
11	151-001	2	Curtain Hook
12	113-006LK	1	Pipe 1" NPT x 12"
13	169-847	1	90° Elbow 1" NPT
14	S24-189	1	Plastic Showerhead and Stainless Steel Shroud Assembly
14.1	S24-193	1	Shroud Assembly
14.11	187-053	1	Showerhead Shell
14.12	154-147	1	Ring
14.2	S24-188	1	Plastic Showerhead Assembly

Item	Part No.	Qty.	Description
15	128-156A	1	Pull Rod - 24" Long
16	269-915	1	Grip Pad (not shown)
17	169-025	2	Elbow 1/2" NPT
18	169-726	1	Union 1/2" Female NPT
19	113-006LQ	3	Pipe 1/2" NPT x 3-1/2"
20	113-006QX	1	Pipe 1-1/4" NPT x 7-3/32"
21	S27-282	1	1/2" Ball Valve with Nut
21.1	110-215	1	Jam Nut only
22	128-135	1	Handle
23	142-002DA	1	Lockwasher
24	169-764	1	90° Pipe Elbow 1-1/4" NPT
25	113-006LE	1	Pipe 1-1/4" NPT x 3"
26	S90-285	1	Stainless Steel Bowl Assy.
26.1	111-039	1	Inlet Drain Fitting
26.2	124-028	1	Center Seal Gasket
26.3	187-053	1	Stainless Steel Eyewash Bowl
26.4	173-009	1	Cup Strainer
26.5	S21-071	1	Supply Pipe
26.6	113-1159	1	Spacer, Drain
26.7	S05-091	1	Eyewash yoke
26.8	107-371	2	Tethered Dust Cover
27	114-052	1	Safety Sign
28	204-421	1	Emergency Tag

Prepack S45-122 includes items 21, 21.1, 22, 23 Prepack S45-123 includes items 21.1, 22, 23