

Installation

S19-120T

Drench Shower - Horizontal Supply

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WARNING

The installation and location of all Safety drench showers, eye and eye/face washes must comply with the requirements of ANSI Z358.1.

Emergency equipment must be supplied with tepid water (60-100°F/ 15.6-37.8°C). Any prolonged exposure to near freezing water affects the body's ability to maintain body temperature, increasing the risk of hypothermia.

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.

Weekly activation must be conducted on all plumbed emergency equipment to ensure a suitable flushing fluid supply is present and any sediment build-up in the supply line is cleared. Emergency Equipment should be inspected monthly to address any maintenance issues ensuring the equipment is in good operating condition and that there are no signs of wear.

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.

NOTICE

Before installing this product ensure that there are adequate clearances around the product and activation of the product does not interfere with other products or obstructions

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.

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

Supplies Required:

- Pipe sealant and teflon tape
- Piping to 1" 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
- Sign-mounting hardware

Step 1: Assemble components

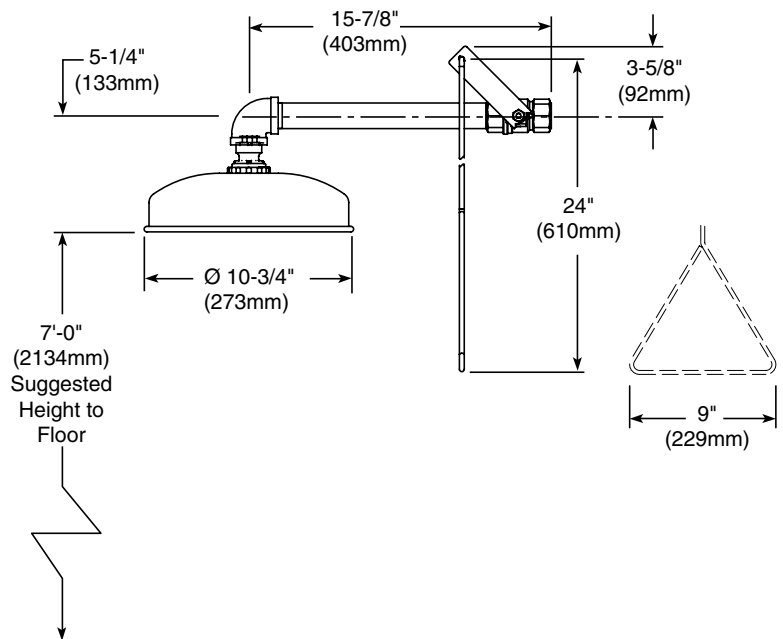
1. Assemble components as shown on page 4.
 - Apply pipe sealant or tape (by installer) to all male-threaded pipe joints.
 - Bottom edge of showerhead should be 7'-0" (2134 mm) from the floor.

Step 2: Connect water supply

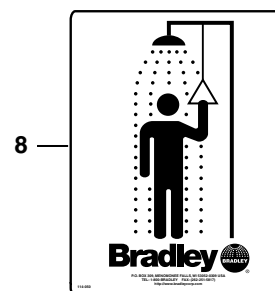
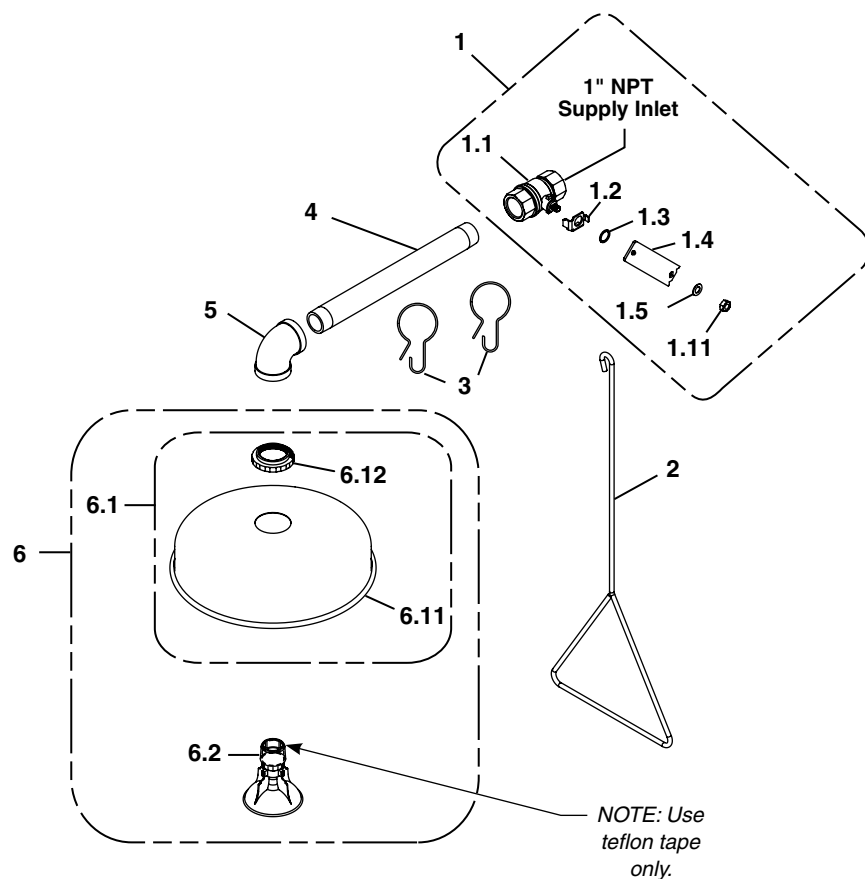


Do not rely on Bradley's Drench Shower to support supply piping.

1. Connect water supply piping to 1" NPT inlet on unit (piping supplied by installer). Provide adequate supports (supplied by installer) for supply pipe using pipe hangers or other means.
2. Mount the safety sign to the wall using sign-mounting hardware supplied by installer.



Assembly of Components



Parts List

Item	Part No.	Qty.	Description
1	S30-059	1	Stay-Open Ball Valve Assembly
1.1	S27-278	1	1" Ball Valve with Jam Nut
1.11	110-214	1	Jam Nut only
1.2	140-720	1	Stop Bracket
1.3	124-048	1	Washer, Friction
1.4	128-129	1	Handle
1.5	142-002DC	1	Lockwasher
2	128-156A	1	Pull Rod, 24"
3	151-001	2	Curtain Hook
4	113-594	1	Pipe 1" NPT x 12"

Item	Part No.	Qty.	Description
5	169-1073	1	90° Elbow NPT
6	S24-189	1	Plastic Showerhead and Stainless Steel Shroud Assembly
6.1	S24-193	1	Shroud Assembly
6.11	187-053	1	Showerhead Shell
6.12	154-147	1	Ring
6.2	S24-188	1	Plastic Showerhead Assembly
7	114-050	1	Safety Sign
8	204-421	1	Emergency Inspection Tag