

Indoor and Outdoor Enclosed Safety Shower Preconstruction Guide

Installation

Thank you for your business. The purpose of Bradley's Enclosed Safety Shower preconstruction guide is to provide important pre-installation information to the customer that has determined their product specification needs are met by an Enclosed Safety Shower configuration. For system details refer to Bradley's Specific Product Technical Data Sheets. If additional information is still required contact the Bradley Corporation Technical Service Department.

Technical Documents Available:

- Product Technical Data Sheets
- Storage and Preservation Guide
- Installation Instructions

Recommended Equipment, Materials and Supplies to be provided by Installer:

- Concrete slab rated to support a minimum 6000 psi load requirement
- (8) 3/8" diameter Anti-Corrosion Expansion Anchors (2 per mounting plate; installed per anchor manufacturer's instructions)
- Properly rated lifting equipment
- Electrical Supply Materials (if applicable)
- Plumbing Supply Materials (if applicable)
- Freeze protection equipment for the water supply leading up to the enclosure (if applicable)

WARNING: DO NOT connect power before plumbing supply and drain lines. Connections should be performed by a certified electrician and plumber only.

Pre-installation Instructions:

- Contact the authority having jurisdiction over local codes and ordinances regarding the disposal of waste water prior to installation.
- Contact the authority having jurisdiction over local codes and ordinances regarding the plumbing and electrical codes prior to installation.
- Survey the facility to ensure that the appropriate flushing system is installed per the ANSI Z358.1 requirements. Identify a location that is capable of delivering a supply of water and power which will meet system plumbing & electrical requirements.
- Minimum water PSI requirements can be found on the technical data sheets.
- Minimum electrical requirements vary based on the unit and options selected.
- Confirm that the installation area is a level plane.
- If concrete is not already present, pour a 6000 psi-rated concrete pad. See chart below.
- Verify that the load rating of the intended handling equipment exceeds the chosen enclosure weight. Check the load ratings on the equipment intended to be used to transport the enclosure.
- Make allowances to ensure the enclosure is grounded prior to connecting power to the enclosure.
- Consider an outdoor enclosed system if injured party may be exposed to freezing temperatures.
- Emergency eyewash fixtures and drench showers must be visually inspected on a weekly basis to ensure they are ready for use.
- Personal wash (supplemental) fixtures (ie: bottle eyewash, single-head drench hoses) should be protected from freezing.

Base Model No.	Description	Minimum Dimensions of Concrete Pad	Approx. Crated Weight (lbs.)
S19372	Indoor – Tepid Water Inlet	5' x 5'	700
S19374	Indoor – Hot Water Tank	5' x 14'	1925
S19376	Indoor – Self Contained Water Tank	6' x 14'	1925
S19378	Indoor – Electric Tankless Water Heater	5' x 14'	2200
S19382	Outdoor – Tepid Water Inlet	5' x 5'	800
S19384	Outdoor – Hot Water Tank	5' x 14'	2525
S19386	Outdoor – Self Contained Water Tank	6' x 14'	2525
S19388	Outdoor – Electric Tankless Water Heater	5' x 14'	2800