



DISCONTINUED

S19374

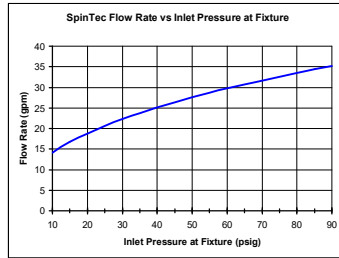
Enclosed Indoor Safety Shower with Hot Water Tank

- 100% fiberglass surround construction – exterior includes UV inhibitor gel-coat
- Flame-retardant resin with a Class 1 Flame Spread Index per ASTM E-84
- Multi-directional drain system
- Skylights built into the shelter walls allow 360 degrees of natural light into the enclosure
- Combination drench shower, eye/face wash, and drench hose fixtures are UL Certified to ANSI/ISEA Z358.1
- Designed to National Electric Code

Standard Equipment

Safety Shower, Eye/Face Wash and Drench Hose

Standard showerhead is 3.1" (78.7 mm) diameter highly visible yellow impact-resistant plastic. Patented SpinTec™ drench showerhead features integral 22 gpm (83.3 L/Min) flow control, conserves water, and provides equal distribution throughout the spray pattern providing a more effective wash down. Shower is activated by a stainless steel pull rod.



Bradley's drench shower and eye/face wash ship with corrosion-resistant BradTect® yellow coating, providing additional protection from nature's elements (optional all stainless steel drench shower and eye/face wash is available). Optional accessories include a freeze protection valve that begins to bleed cold water at 40°F (5°C) and is fully open at 35°F (2°C) and a scald protection valve that begins to bleed hot water at 95°F (35°C) and is fully open at 100°F (38°C).

The Halo™ eye/face wash system offers a high performance rinsing platform that provides rapid relief to an individual's eyes that have been injured by chemicals or particulates. The eye/face wash includes an integral 5.1 gpm (19.2 L/Min) flow control, providing water at a safe velocity while maintaining its effectiveness (exceeds minimum water flow of 3.0 gpm (11.4 L/Min) at 30 psi (2.0 bar)). The eye/face wash is protected by flip open dust covers that open when the product is activated. Safe, steady water flow under varying water supply conditions from 30–90 psi (2.0–6.1 bar) is assured by integral flow control in the sprayhead assembly. Halo is covered by one or more of the following patents: 9,700,484; 9,314,398; D662220; D673298; D662605; D685920; D662219; and D671228. Other patents pending.

Inlet and Water Supply Pressure

Water inlet has a 1¼" NPT union connection. Hot water tank must be supplied with an incoming cold water pressure between 50 and 90 psi (3.4–6.2 bar).

Enclosure Construction

External

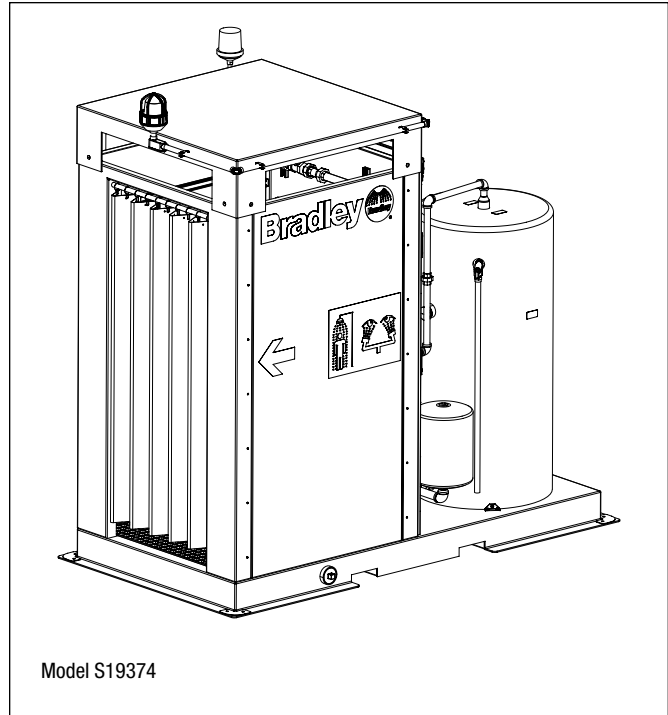
100% FRP (fiberglass reinforced plastic) roof, walls, and floor sections coated with a UV-inhibiting gel-coat to protect the enclosure from degradation due to prolonged exposure to sunlight, harsh chemicals, or salt-laden marine environments.

The special polyester resin has a Class 1 Flame Spread Index per ASTM E-84 and a Smoke Developed Index of more than 450.

Exterior of shelter is safety yellow (RAL-1018) and includes safety decals directing the injured party to the entrance of the shower.

The FRP base includes integral forklift slots for added protection when moving the shelter with a fork truck.

A vinyl curtain over the entrance of the shelter is included for additional privacy.



Internal

The shower area includes a sloped drain below a removable fiberglass floor grate. Three drain ports are provided (left, center, right) and can be connected to external drain plumbing in any configuration using a 3" NPT fitting in any port.

Product Compliance



UL Classified to ANSI/ISEA Z358.1



UL Listed Industrial Control Panel(s) for US and Canada

Designed to the National Electrical Code (NEC/NFPA 70)



Electrical/Signaling System

Signaling System

A signaling system with double-pole, double-throw flow switch activates the exterior warning light and horn. A pushbutton is provided to silence the horn after the shower has been activated. A second set of dry contacts allow the user to provide alarm connections to a remote control room in the facility.

External and Internal Lights

Optional lighting includes an exterior over-door beacon light and a ceiling light to illuminate the interior of the enclosure.

Pressure Booster

A pressure booster pump is available. Evaluate site conditions prior to selecting this option. The pump is powered by the same electrical supply as the rest of the system. An automatic on/off pressure switch is included with the pump. All controls necessary to automatically start the pump are included. The booster pump requires an inlet water pressure between 20–60 psi (1.3–4.1 bar). Pump will begin to function when the pressure falls below 45 psi (3 bar).

Hot Water Tank and Heating System

Standard system includes a 119-gallon hot water tank with immersion heater and temperature sensors. An electrical control panel constantly monitors and controls the water, heating and alarm systems.

An optional 119 gallon ASME rated hot water tank is available.

Tepid Water Delivery System

System includes an emergency thermostatic mixing valve with fixed, full flow cold water bypass. The valve blends cold water (supplied by others) and hot water from a tank mounted onto the fiberglass base to produce water between 60–100°F (16–37°C). Tepid water is required per ANSI/ISEA Z358.1.



Only one electrical connection is required.



Refer to the separate technical drawing for S19374 at www.bradleycorp.com.



S19374

Enclosed Indoor Safety Shower with Hot Water Tank

Model

S19374 Enclosed Indoor Safety Shower with Hot Water Tank

Selections (must select one from each category)

Electrical Class:

- GA** General Area Classification
- D2** Class I, Division 2, Groups C, D; T-Code: T3A
- D1** Class I, Division 1, Groups C, D; T-Code: T3C

Supply Voltage:

- V1** 120V 60Hz Single-Phase
- V2** 208V 60Hz Single-Phase
- V4** 240V 60Hz Single-Phase
- V5*** 480V 60Hz Three-Phase

Safety Shower Configuration:

- FW** Halo Eye/Face Wash and Spintec Drench Shower
- SS** All Stainless Steel Halo Eye/Face Wash, Spintec Drench Shower

Protection:

- FP** Freeze Protection Valve
- SP** Scald Protection Valve
- FS** Freeze and Scald Protection Valves
- 0** None (standard)

Signaling System:

- AS** Standard Audible & Visual Alarm
- 0** None (standard)

Lighting:

- LS** Green Exterior Beacon Light and White Interior Light
- 0** None (standard)

Pressure Booster Pump:

- PB** Pressure Booster
- 0** None (standard)

Water Heater:

- ST1** 119-gallon (standard)
- ST2** 119-gallon (ASME)

Custom Adders (may impact electrical rating):

*Not available with Class I Division 1 units.



A signed submittal drawing is required. This submittal drawing will be provided upon receipt of order.

Job Name:
Location:
Revision Date:

This is to acknowledge that the "End User" identified below has marked the boxes in the selection guide above to design an enclosure that will meet its site and specification requirements, and wishes to have Bradley custom-build that enclosure to its order, on the understanding that the order may not be canceled, the enclosure may not be returned and that no refund of any portion of the purchase price for the enclosure will be made (except under Bradley's warranty). It is also to acknowledge that the "Distributor" identified below is placing an order with Bradley for the enclosure, on the Terms and Conditions found on Bradley's website, at www.bradleycorp.com, again on the understanding that the order may not be canceled, the enclosure may not be returned and that no refund of any portion of the purchase price for the enclosure will be made (except under Bradley's warranty).

name of "End User" _____

name of "Distributor" _____

by _____

by _____

title _____

title _____

date _____

date _____