




S19-304 Halo™ Heat Trace Shower and Eye/Face Wash Unit

- Complies with American National Standard Z358.1
- Halo™ and SpinTec™ deliver the most effective shower and eye washdown coverage and spray pattern
- Ergonomic hand activation eyewash paddle - easy to reach from any direction
- General Area (non-hazardous) and hazardous location area models available
- Heat Trace Cable protects unit from freezing to -50°F (-46°C)
- Universal Identification Sign and Inspection Tag Included
- Full, One-Year Warranty
- Optional stainless steel piping
- NEMA 4X Rated Electrical Enclosures
- Classified by Underwriters Laboratories Inc to ANSI Z358.1.
- 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.
- SpinTec™ showerheads are covered by one or more of the following patents: 8,113,446; 7,806,348; 8,490,895; D594,089; D669,555; Reg. Comm. Des. D001079560-0001. Other patents pending.

Specifications

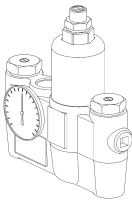
Combination shower and eye/face wash unit is intended for use in areas where temperatures fall below freezing. Heat trace cable protects unit from freezing to -50°F (-46°C). Unit is encased in highly-visible yellow ABS removable plastic shell. Shower valve operates quickly by a pull rod with a triangular handle and provides superior washdown. Eye/face wash is operated by a universal eyewash paddle, lifting up the dust cover or optional foot treadle activation. Optional signaling system (ordered separately), heat trace indicator light, drench hose and scald protection valve available.

 *This plumbing fixture is not intended to dispense water for human consumption through drinking or for preparation of food or beverages.*

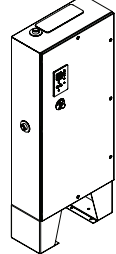


Tepid Water Options

[Navigator S19-2100 EFX25
Emergency Thermostatic Mixing Valve](#)



[Keltech SNA-Series
Tankless Water Heater](#)



NAVIGATOR

Satisfies ANSI/ISEA Z358.1 tepid water requirements.





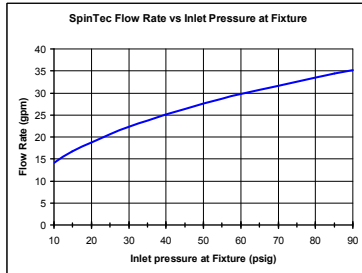
Halo™ Heat Trace Shower and Eye/Face Wash Unit

S19-304

Standard Equipment

SpinTec™ Showerhead

Standard showerhead is 3.1" (78.7mm) diameter highly visible yellow impact-resistant plastic. Optional 10" (254mm) diameter yellow impact-resistant plastic or 10-3/4" (273mm) diameter corrosion-resistant stainless steel showerhead measures 1-1/2" (38mm) in diameter. SpinTec drench showerhead features integral 22 GPM (83.3 L) flow control (exceeds minimum water flow to 20 GPM (75.7L) at 30 PSI (2.0 bar)), conserving water and helping to accurately size your tepid water system.



Shower and Eye/Face Wash Valves

1" shower ball valve and 1/2" stay-open eye and eye/face wash valve manufactured of one of the following materials and supplied with either type 304 or 316 stainless steel pull rod and handle:

- Chrome-plated brass
- Type 316 stainless steel

Eyewash

The Halo eyewash system offers a high performance rinsing platform that provides rapid relief to an individual's eyes that have been injured by chemicals or particulate. The eyewash includes an integral 5.1 GPM (19.2 L) flow control, providing water at a safe velocity while maintaining its effectiveness (exceeds minimum water flow of 0.4 GPM (1.5 L) at 30 PSI (2.0 bar)). 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.

Eye/Face Wash

The Halo eye/face wash system offers a high performance rinsing platform that provides rapid relief to an individual's eyes and face that have been injured by chemicals or particulate. This system provides the most complete face wash available in the market. The eye/face wash includes an integral 5.1 GPM (19.2 L) flow control, providing water at a safe velocity while maintaining its effectiveness (exceeds minimum water flow of 3.0 GPM (11.4 L) at 30 PSI (2.0 bar)). 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. Sprayheads are made from an impact resistant ABS plastic or from durable 304/316 stainless steel with electro-polished finish.

Bowl and Dust Cover

Bowl is constructed of yellow impact-resistant plastic, Type 304 corrosion-resistant stainless steel or Type 316 corrosion-resistant stainless steel. Dust cover is constructed of transparent yellow impact-resistant plastic, Type 304 corrosion-resistant stainless steel or Type 316 corrosion-resistant stainless steel.

Pipe and Fittings

1-1/4" piping assembly manufactured of one of the following materials:

- Galvanized steel with BradTect® safety yellow coating
- Type 304 corrosion resistant stainless steel
- Type 316 corrosion-resistant stainless steel

Electric Heat Trace Cable

Self-regulated to -50°F (-46°C), thermal rating; 5 watts/foot, service voltage; 0.7 amp/80 watts at 120VAC or 0.35 amp/80 watts at 240VAC at 50°F (10°C) unit water temperature. Heat trace cable wraps around pipe.

Pipe Insulation

3/4" polyethylene vertical semi-slit.

Protective Outer Shell

Safety yellow UV stabilized ABS plastic with six removable sections for quick repairs and maintenance. Shell is sealed with rivets for added weather protection and is resistant to damage caused by chemicals and other harsh environmental conditions.

Freeze Protection Valve

Always included on heat trace unit. Ensures continual flow of water when internal temperatures drop below 35°F (2°C). Valve closes at 40°F (4°C). Maximum pressure rating is 200 PSI.

Thermostat

Located inside junction box. Ambient air temperature control thermostat opens at 64°F (18°C) and closes at 54°F (12°C).

Junction Box

General area junction box is plastic with one extra 3/4" conduit hole. Hazardous location junction boxes are aluminum with multiple hubs. Accepts 3/4" IPS conduit.

Water Supply

1/4" NPT (top or bottom supply).

Optional Equipment

Scald Protection Valve

Scald protection valves protect users in warmer climates. Scald protection valves activate at 105°F (41°C). Option cannot be added after unit is installed.

Signaling System Ready

All units are designed so that a signaling system can be added at any time. Go to www.bradleycorp.com to order signaling system separately. Signaling system selected must match electrical class of the heat trace product.

Indicator Lights

Rated for use in General Area, Class I, Division 2, Groups B, C and D, Class I, Division 1, Groups C and D and Class II, Division 1 and 2, Groups E, F and G. Green indicator light signals power to the unit and amber means the heating cable is on.

Activation

Type 304 stainless steel push handle with optional aluminum or type 304 stainless steel foot pedal. Type 316 stainless steel push handle with optional Type 316 stainless steel foot pedal.

Drench Hose

Hand activated ball valve includes supplemental hose with regulated flow output. The drench hose option cannot be added to the unit after it is installed.

Extension Cable

Not available on Class I, Division 1 units. Extra 6 feet of heating cable provided.



Each fixture needs to be accompanied by electrical accessories of a similar rating if those accessories are desired options.



S19-304

Halo™ Heat Trace Shower and Eye/Face Wash Unit

Models (Must select one)	
Model	Description
<input type="checkbox"/> S19-304	Halo Heat Trace Combination Unit
Standard Selections	
Electrical Class (select one)	
<input type="checkbox"/> GA	General Area
<input type="checkbox"/> D2	Class I, Div 2, Groups B, C & D
<input type="checkbox"/> D1	Class I, Div 1, Groups C & D
<input type="checkbox"/> C2	Class II, Div 1 and 2, Groups E, F & G
Voltage (select one)	
<input type="checkbox"/> V1	120V
<input type="checkbox"/> V4	240V
Water Supply Type (select one)	
<input type="checkbox"/> T	Top Supply (standard selection)
<input type="checkbox"/> B	Bottom Supply (standard selection)
Pipe and Ball Valve Material (select one)	
<input type="checkbox"/> GLV	Galvanized Pipe and Chrome Plated Brass Ball Valve
<input type="checkbox"/> 304	304SS Pipe, 316 SS Ball Valve
<input type="checkbox"/> 316	316 SS Pipe, 316 SS Ball Valve
Showerhead (select one)	
<input type="checkbox"/> SH	ABS Plastic Showerhead
<input type="checkbox"/> SHP	ABS Plastic Showerhead with Plastic Shroud
<input type="checkbox"/> SHS	ABS Plastic Showerhead with SS Shroud
<input type="checkbox"/> S04	304 SS Showerhead
<input type="checkbox"/> S16	316 SS Showerhead
Eyewash (select one)	
<input type="checkbox"/> EW	ABS Plastic Eyewash, Aluminum Yoke
<input type="checkbox"/> FW	ABS Plastic Eye/Face Wash, Aluminum Yoke
<input type="checkbox"/> F04	304 SS Eye/Face Wash, 304 SS Yoke*
<input type="checkbox"/> F16	316 SS Eye/Face Wash, 316 SS Yoke*
Bowl and Cover (select one)	
<input type="checkbox"/> PP	Plastic Bowl and Cover
<input type="checkbox"/> B04	304 SS Bowl and Cover
<input type="checkbox"/> P04	304 SS Bowl and Plastic Cover
<input type="checkbox"/> B16	316 SS Bowl and Cover
<input type="checkbox"/> P16	316 SS Bowl and Plastic Cover

Activation (select one)	
<input type="checkbox"/> HA	300 Series Handle Activation
<input type="checkbox"/> H16	316 SS Handle Activation
<input type="checkbox"/> HF	300 Series Handle and Foot Activation
<input type="checkbox"/> HF16	316SS Handle and Foot Activation
Drench Hose (select one)	
<input type="checkbox"/> H	Hose
<input type="checkbox"/> 0	No Drench Hose
Scald Valve (select one)	
<input type="checkbox"/> S	Anti-Scald Valve
<input type="checkbox"/> 0	No Anti-Scald Valve
Indicator Light (must select light to match electrical class)	
<input type="checkbox"/> L	General Area Light
<input type="checkbox"/> D2L	Class 1, Division 2 Light
<input type="checkbox"/> D1L	Class 1, Division 1 Light
<input type="checkbox"/> C2L	Class 2 Light
<input type="checkbox"/> 0	No Indicator Light
Extension Cable** (select one)	
<input type="checkbox"/> EC	6' Extension Cable
<input type="checkbox"/> 0	No Extension Cable

*Must select stainless steel yoke if ordering 304 or 316 stainless steel pipe.

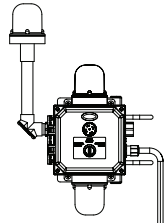
**Not available with Class I, Division 1 units.



Product is non-cancelable, non-returnable.

Recommended Option:

S19-324 Series Signaling Systems




See all available options on
www.bradleycorp.com



S19-304 Halo™ Heat Trace Shower and Eye/Face Wash Unit

Dimensions for S19-304 (Class I Division 2, Bottom Supply and Drench Hose Options Shown)

 *Optional Class I Division 2, Class I, Division 1, and Class II indicator light will require 14" clearance from top of unit if installed in junction box top conduit hub.*

