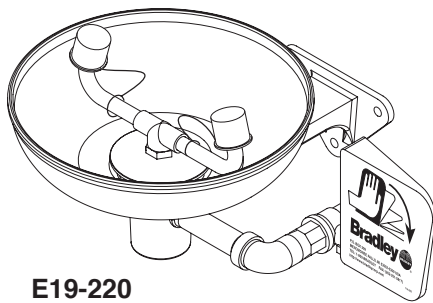
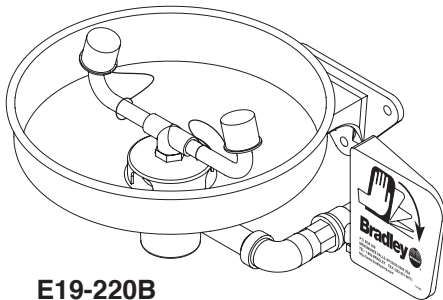


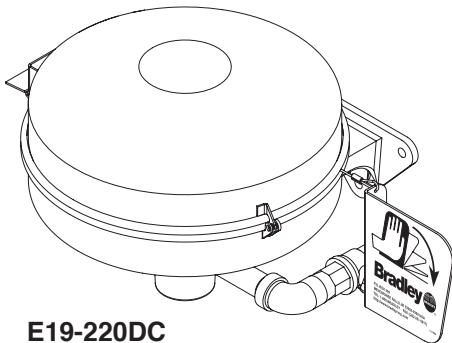
# Installation



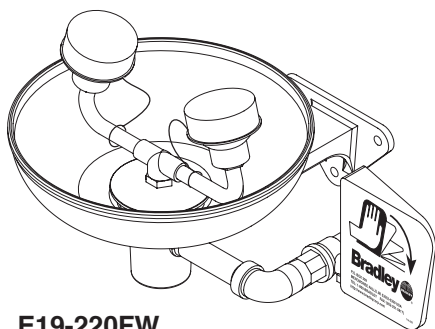
E19-220



E19-220B



E19-220DC



E19-220FW

## E19-220

Wall-Mounted Eyewash with Plastic Bowl

## E19-220B

Wall-Mounted Eyewash with Stainless Steel Bowl

## E19-220DC

Wall-Mounted Eyewash with Dust Cover

## E19-220FW

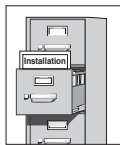
Wall-Mounted Eye/Face Wash with Plastic Bowl

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Components and Parts Lists . . . . .	5-8

**OBSOLETE**  
**ECO 20-05-021**  
**No Replacement**  
**4/22/2020**

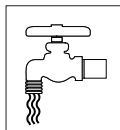
## IMPORTANT



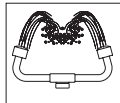
Read this installation manual completely to ensure proper installation, then file it with the owner or maintenance department. Compliance and conformity to drain requirements and other local codes and ordinances is the responsibility of the installer.



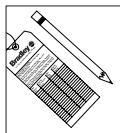
Separate parts from packaging and make sure all parts are accounted for before discarding any packaging material. If any parts are missing, do not begin installation until you obtain the missing parts.



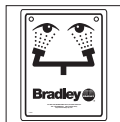
Flush the water supply lines before beginning installation and after installation is complete. Test the unit for leaks and adequate water flow. Main water supply to the eye/face wash should be "ON" at all times. Provisions shall be made to prevent unauthorized shutoff.



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.



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](http://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](http://www.bradleycorp.com).


## Installation

**NOTICE!** Avoid cleaners containing organic solvents, alcohols, and hydrocarbons. Rinse with water after cleaning.

### Supplies Required:

- (3) 8m wall fasteners and bolts
- Pipe sealant
- Piping to ½" BSP water supply inlet on unit
- Piping to 1¼"–11 BSP drain outlet for eyewash
- Sign-mounting hardware

### Step 1: Secure base to floor

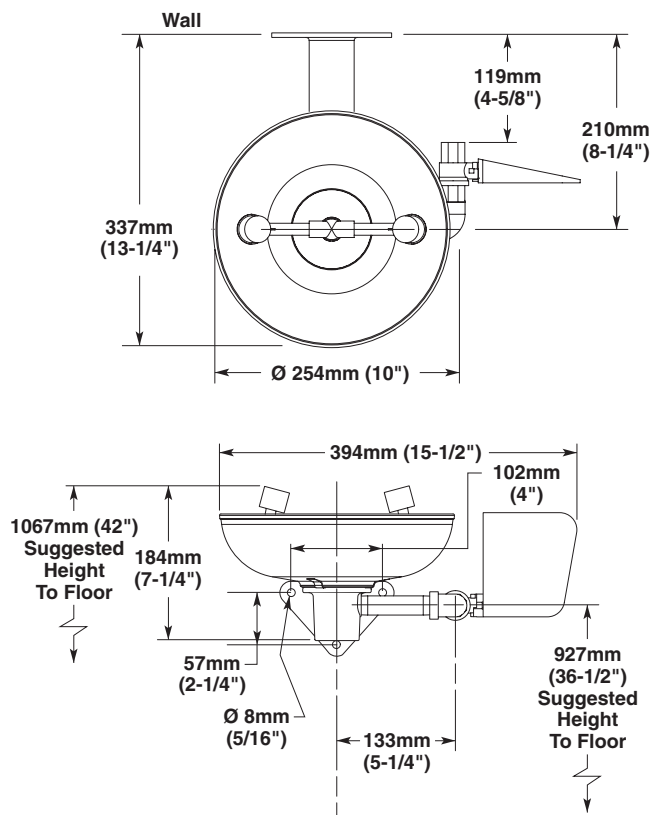
 The top of the eyewash heads should be 1067mm (42") from the floor.

1. Position the inlet drain fitting over the 1¼" drain outlet pipe from wall.
2. Using the inlet drain fitting as template, mark bolt hole locations on the wall OR install three suitable fasteners (supplied by installer) for 8m bolts in the wall at marked hole locations (see illustrations on pages 3–4).
3. Bolt the inlet drain fitting to the wall or wall fasteners using 8m bolts (supplied by installer).
4. After the inlet drain is secured, assemble the flag handle, washer and nut.

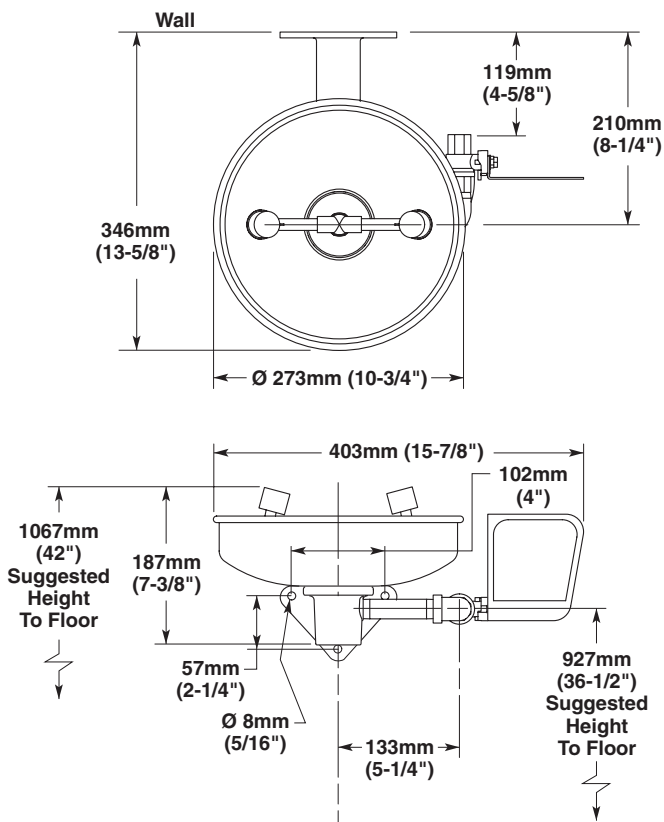
### Step 3: Connect water supply

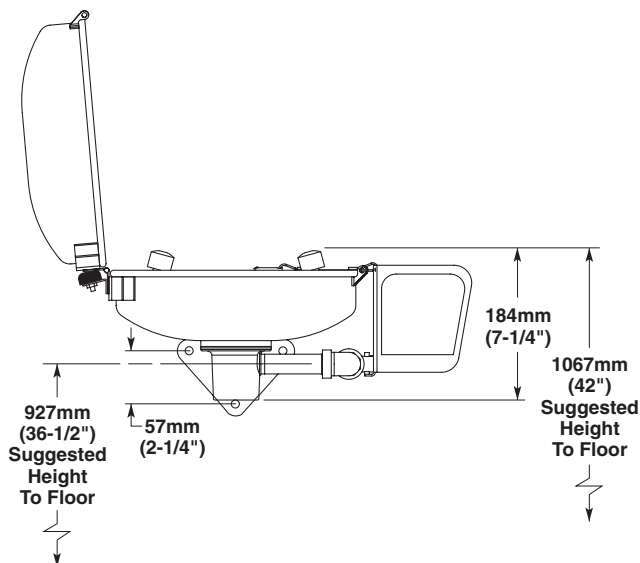
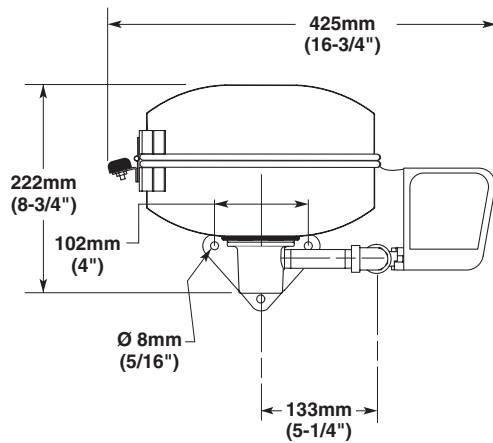
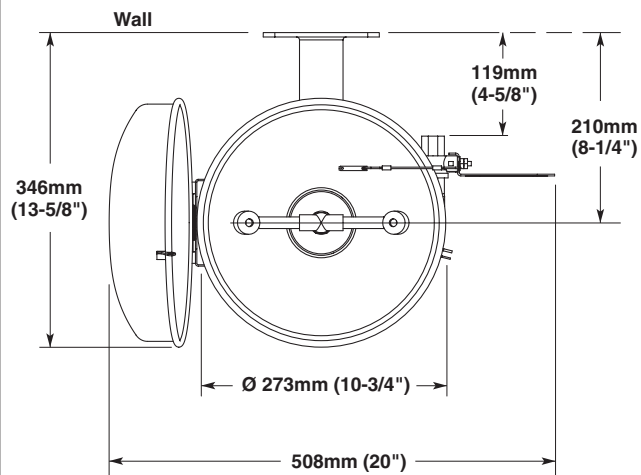
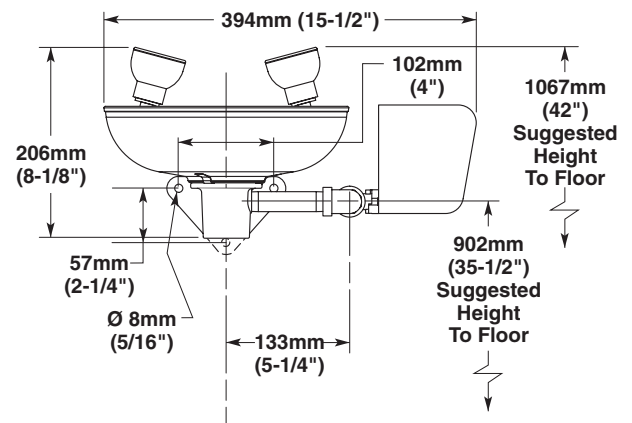
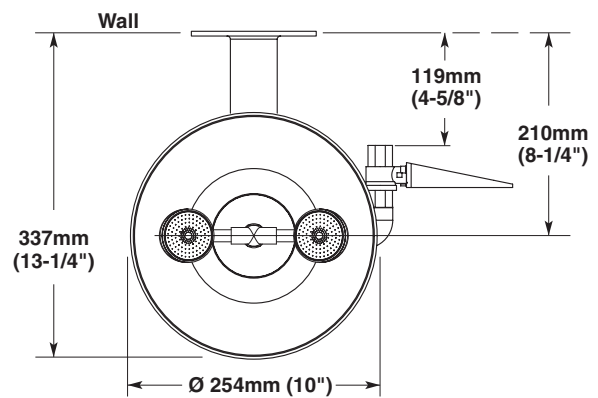
1. Connect the water supply piping (supplied by installer) to the ½" BSP inlet on the eyewash.
2. Connect the drain piping (supplied by installer) to the 1¼"–11 BSP drain outlet on the eyewash.
3. Mount the safety sign to the wall using sign-mounting hardware (supplied by installer).
4. Open the water supply lines. Test for leaks and adequate water flow.

### E19-220

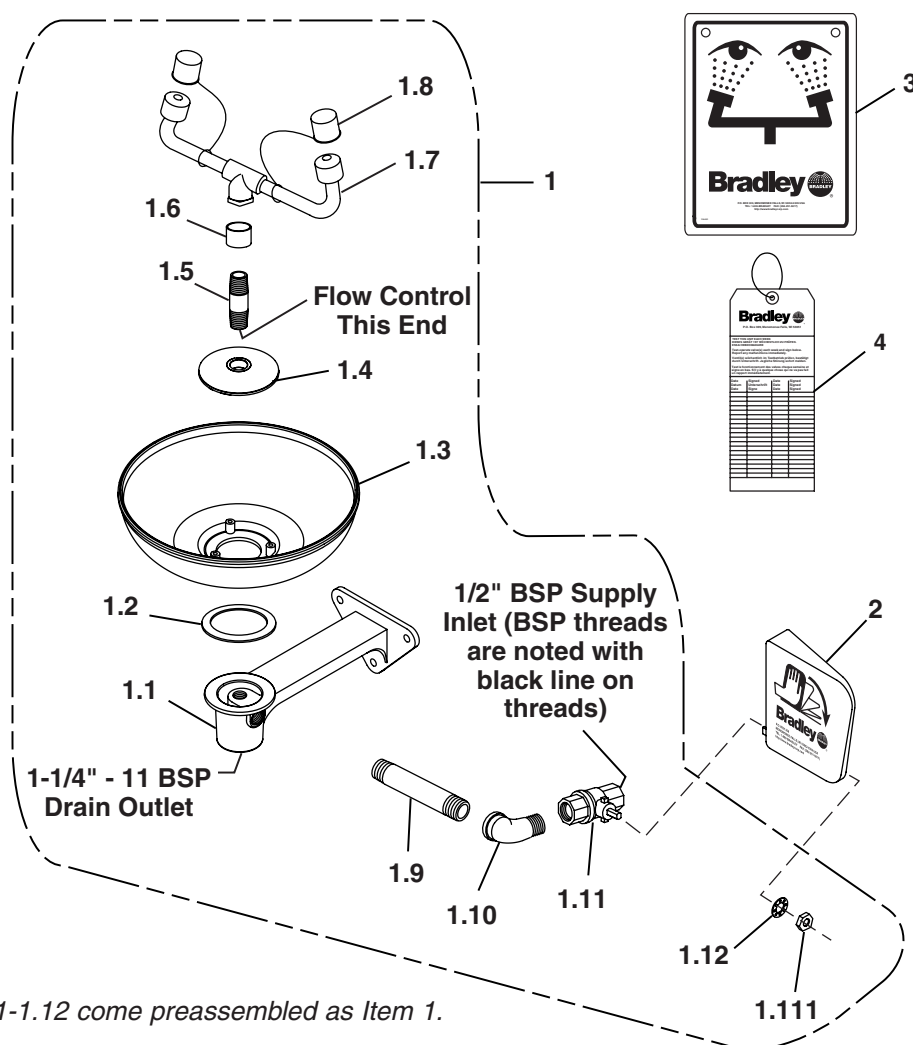


### E19-220B



**E19-220DC****E19-220FW**

## Assembly of Components - E19-220 (with Plastic Bowl)



## Parts List

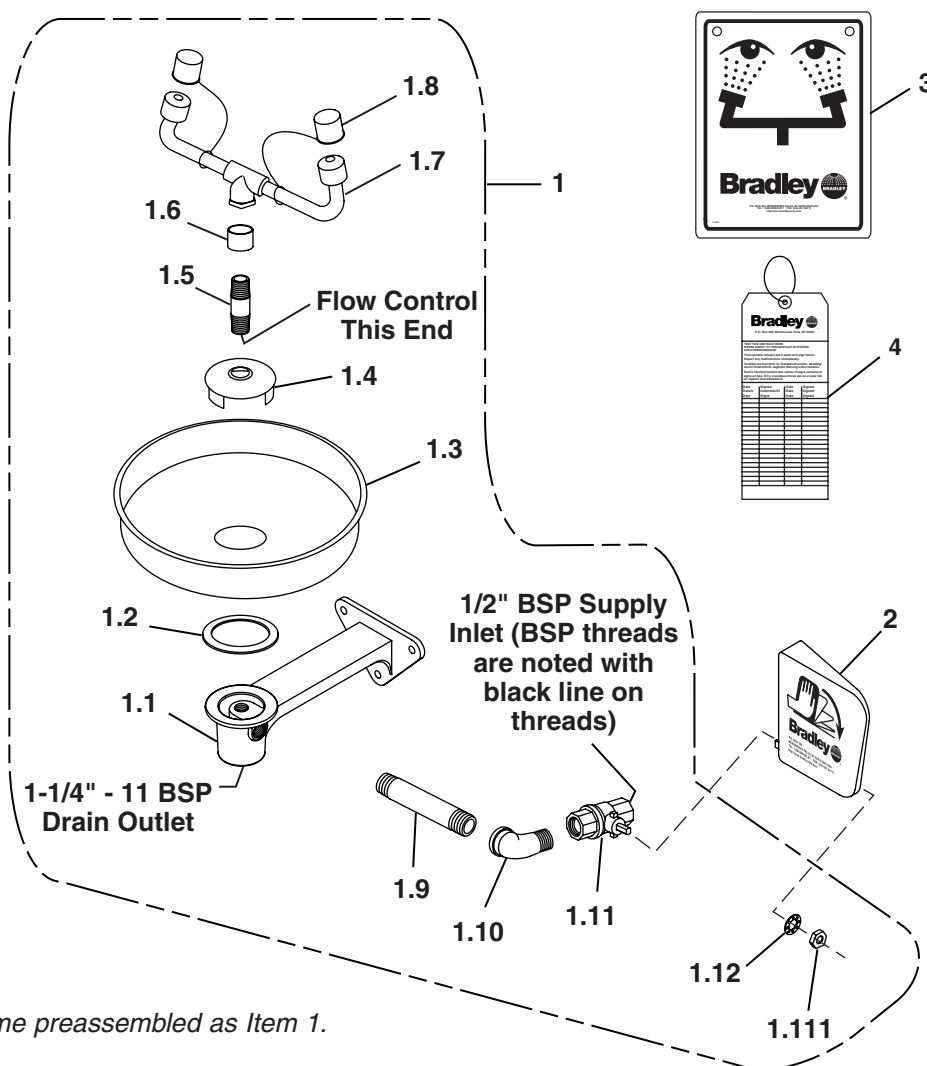
Item	Part No.	Qty.	Description
1	S39-243	1	Europe Eyewash Assembly
1.1	111-061BSP	1	Inlet Drain Fitting
1.2	124-028	1	Gasket
1.3	154-058	1	Plastic Eyewash Bowl
1.4	173-025	1	Cup Strainer
1.5	S21-071	1	Supply Stem
1.6	113-1185	1	Spacer, Drain
1.7	S05-091	1	Eyewash Yoke Assembly
1.8	107-371	2	Dust Cover

Item	Part No.	Qty.	Description
1.9	13-006LQ	1	Pipe 1/2" NPT x 89mm
1.10	169-025	1	Elbow
1.11	S27-282B	1	1/2" Ball Valve with nut
1.111	110-215	1	Nut only
1.12	142-002DA	1	Lockwasher
2	128-135	1	Plastic Handle
3	114-051E	1	Safety Sign
4	204-421	1	Emergency Tag

Prepack S45-1785 includes Items 1.2, 1.4, 1.5, 1.6

Prepack S45-123 includes Items 2, 1.12, 1.111

## Assembly of Components - E19-220B (with Stainless Steel Bowl)



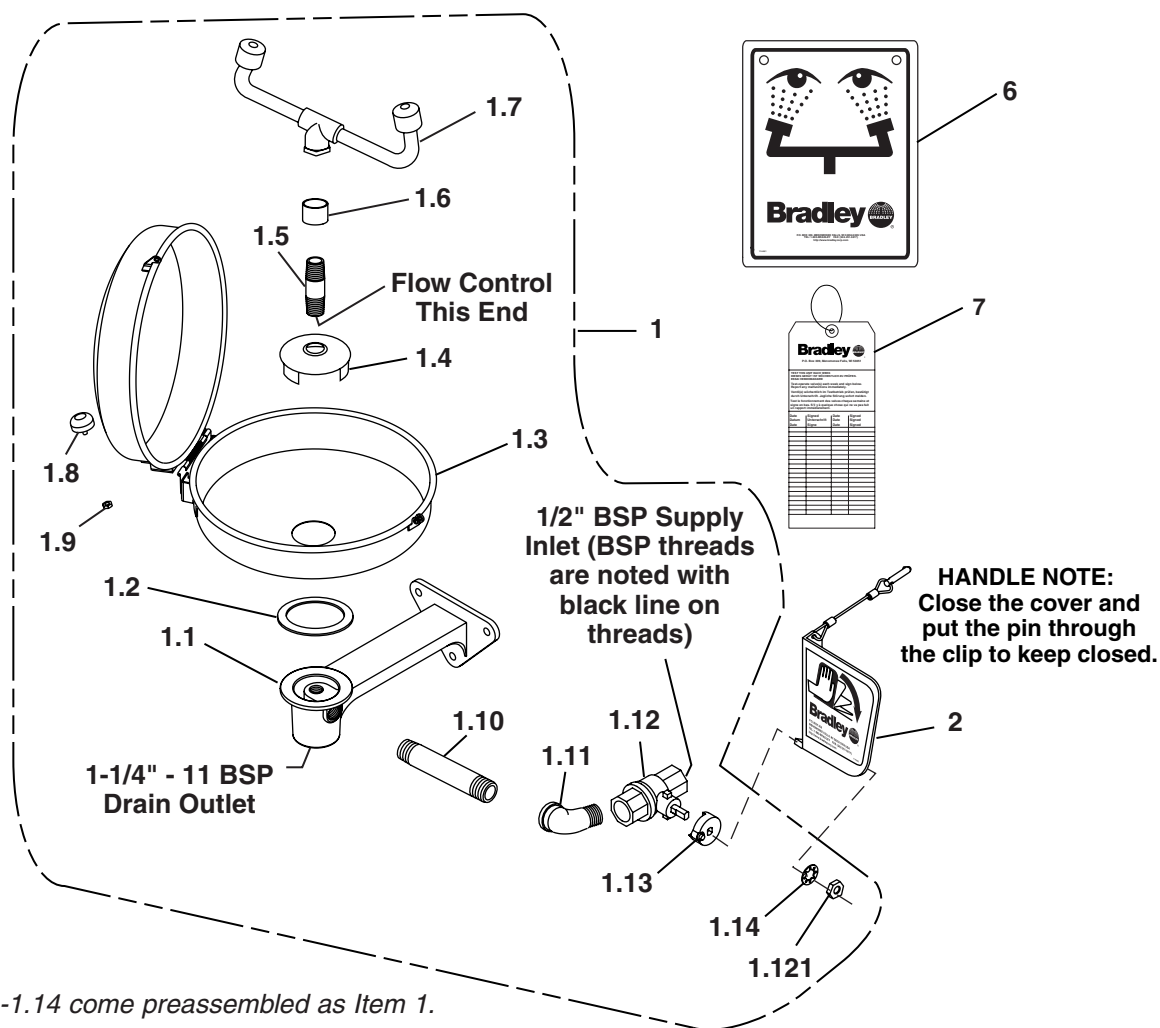
## Parts List

Item	Part No.	Qty.	Description	Item	Part No.	Qty.	Description
1	S39-246	1	Europe Eyewash Assembly	1.9	13-006LQ	1	Pipe 1/2" NPT x 89mm
1.1	111-061BSP	1	Inlet Drain Fitting	1.10	169-025	1	Elbow
1.2	124-028	1	Gasket	1.11	S27-282B	1	1/2" Ball Valve with nut
1.3	187-053	1	Stainless Steel Eyewash Bowl	1.111	110-215	1	Nut only
1.4	173-009	1	Cup Strainer	1.12	142-002DA	1	Lockwasher
1.5	S21-071	1	Supply Stem	2	128-135	1	Plastic Handle
1.6	113-1159	1	Spacer, Drain	3	114-051E	1	Safety Sign
1.7	S05-091	1	Eyewash Yoke Assembly	4	204-421	1	Emergency Tag
1.8	107-371	2	Dust Cover				

Prepack S45-1782 includes Items 1.2, 1.4, 1.5, 1.6

Prepack S45-123 includes Items 2, 1.12, 1.1119

## Assembly of Components - E19-220DC (with Dust Cover)



## Parts List

Item	Part No.	Qty.	Description
1	S39-312	1	Europe Dust Cover/Eyewash Assy
1.1	111-061BSP	1	Inlet Drain Fitting
1.2	124-028	1	Gasket
1.3	S90-009	1	Dust Cover Assembly
1.4	173-009	1	Cup Strainer
1.5	S21-071	1	Supply Stem
1.6	113-1159	1	Spacer, Drain
1.7	S05-091	1	Eyewash Yoke Assembly
1.8	269-447	1	Bumper

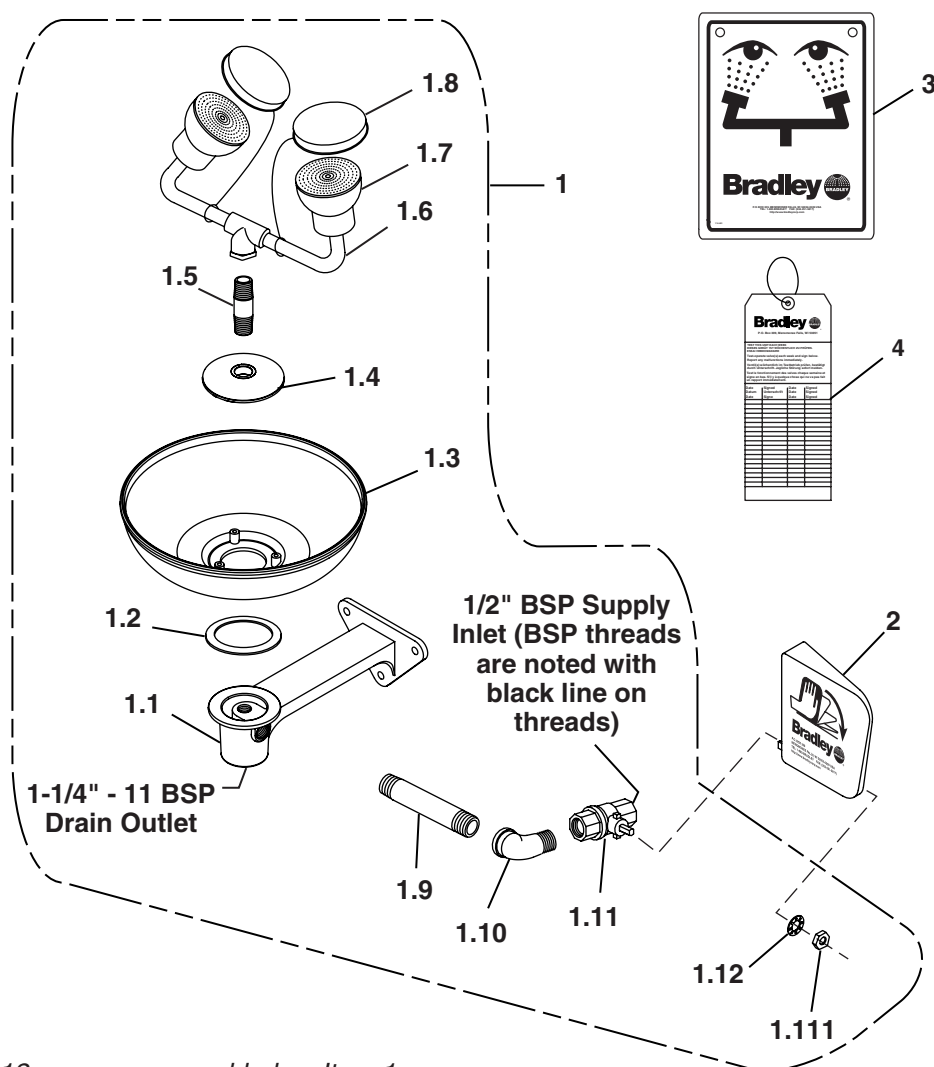
Item	Part No.	Qty.	Description
1.9	161-025	1	Hex Nut
1.10	113-006LQ	1	Pipe 1/2" NPT x 89mm
1.11	169-025	1	Elbow
1.12	S27-282B	1	1/2" Ball Valve with nut
1.121	110-215	1	Nut only
1.13	153-372R	1	Ball Valve Adapter
1.14	142-002DA	1	Lockwasher
2	S08-056	1	Handle Assembly
3	114-051E	1	Safety Sign
4	204-421	1	Emergency Tag

Prepack S45-1782 includes Items 1.2, 1.4, 1.5, 1.6

Ball Valve Kit S30-072 includes Items 1.12, 1.13, 1.14, 1.121, 2

Prepack S30-087 includes Items 1.13, 1.14, 1.121, 2

## Assembly of Components - E19-220FW (with Eye/Face Wash)



Items 1.1-1.12 come preassembled as Item 1.

### Parts List

Item	Part No.	Qty.	Description
1	S39-421	1	Europe Eye/Face Wash Assembly
1.1	111-061BSP	1	Inlet Drain Fitting
1.2	124-028	1	Gasket
1.3	154-058	1	Plastic Eyewash Bowl
1.4	173-025	1	Cup Strainer
1.5	113-1150	1	Supply Stem
1.6	S05-091P	1	Eyewash Yoke Assembly
1.7	S45-2453	1	Service Kit EFW - Black Sprayheads

Item	Part No.	Qty.	Description
1.8	S53-063	2	Dust Cover
1.9	113-006LQ	1	Pipe 1/2" NPT x 89mm
1.10	169-025	1	Elbow
1.11	S27-282B	1	1/2" Ball Valve with nut
1.111	110-215	1	Nut only
1.12	142-002DA	1	Lockwasher
2	128-135	1	Plastic Handle
3	114-051E	1	Safety Sign
4	204-421	1	Emergency Tag

Prepack S45-123 includes Items 2, 1.12, 1.111