



# INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

1455 Kleppe Lane ♦ Sparks, NV 89431-6467 ♦ (775) 359-4712 ♦ Fax (775) 359-7424  
E-mail: [haws@hawsco.com](mailto:haws@hawsco.com) ♦ website: [www.hawsco.com](http://www.hawsco.com)

No. 0002080174 (27)

## Model 8330 Stainless Steel Combination Shower Eye/Face Wash

**NOTE TO INSTALLER:** Please leave this information with the Maintenance Department.

### LIMITED WARRANTY

*HAWS* warrants that all of its products are guaranteed against defective material or poor workmanship for a period of **one year from the date of shipment**. The foregoing notwithstanding, *HAWS* warrants certain specific products or components thereof for an adjusted period. A list of these excepted products and components and a description of their respective warranty terms may be found here: [www.hawsco.com/warranty](http://www.hawsco.com/warranty). *HAWS'* liability under this warranty shall be discharged by furnishing without charge F.O.B. *HAWS* factory any goods, or part thereof, which shall appear to the Company upon inspection to be of defective material or not of first-class workmanship, provided that a claim is made in writing to Company within a reasonable period after receipt of the product. Where claims for defects are made, the defective part or parts shall be delivered to the Company, prepaid, for inspection. *HAWS* shall not be liable for the cost of repairs, alterations or replacements, or the labor required to implement them, or for any expense connected therewith made by the owner or owner's agents, except upon written authority from *HAWS*. *HAWS* shall not be liable for any damages caused by defective materials or poor workmanship, except for replacements, as provided above. Buyer agrees that *HAWS* has made no other warranties either express or implied in addition to those above stated, except that of title with respect to any of the products or equipment sold hereunder and that *HAWS* shall not be liable for general, special, incidental, or consequential damages claimed to arise under the contract of sale.

Equipment manufactured by *HAWS* is warranted to function if installation and maintenance instructions provided are adhered to. The units also must be used for the purpose for which they were intended. Any *HAWS* emergency equipment is intended to supplement first-aid treatment. Due to widely varying conditions, *HAWS* cannot guarantee that the use of this emergency equipment will prevent serious injury or the aggravation of existing or prior injuries.

**EXCEPT AS EXPRESSLY STATED HEREIN, HAWS HEREBY DISCLAIMS ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY MAY NOT BE MODIFIED OR EXTENDED WITHOUT THE WRITTEN CONSENT OF HAWS. REMEDIES AND REPLACEMENTS STATED HEREIN ARE EXCLUSIVE. IN NO EVENT SHALL HAWS BE LIABLE FOR ANY SPECIAL, PUNITIVE, CONSEQUENTIAL OR INCIDENTAL DAMAGES TO ANY PERSON INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOSS OF USE OR PROFITS, SUBSTITUTE PRODUCTS OR COSTS, PROPERTY DAMAGE, OR OTHER MONETARY LOSS.**

**SHOULD YOU EXPERIENCE DIFFICULTY WITH THE INSTALLATION OF THIS MODEL PLEASE CALL:**

**TECHNICAL SUPPORT: 1-800-766-5612**  
**FOR CUSTOMER SERVICE: 1-888-640-4297**

**LOCATION OF UNIT:** The Model 8330 Stainless Steel combination Shower Eye/Face Wash should be installed in close proximity to potential accident areas. It should be clearly identified, free from obstructions and easy to access.

**SUPPLY LINE:** The minimum recommended line size is 1-1/4" IPS with 30-90 psi (2-6 ATM) flowing pressure. Where sediment or mineral content is a problem, an inlet filter is recommended.

**PLUMBING CONNECTIONS:** Inlet supply is female 1-1/4" IPS. Waste outlet is female 1-1/4" IPS.

## INSTALLATION PROCEDURE

Refer to Installation Drawing for clarification. Check parts list to insure all required parts are included. Use pipe joint sealant PST #567 (Loctite) on all connections.

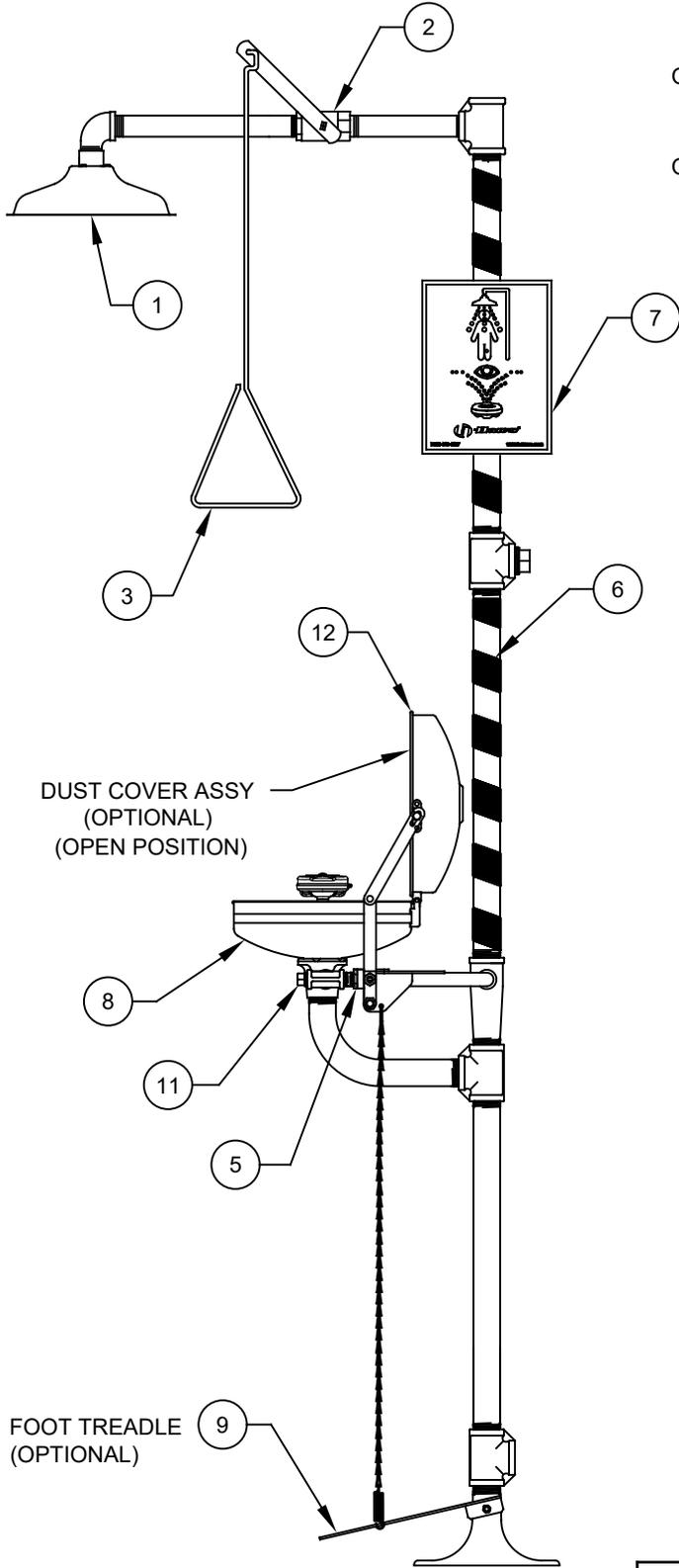
- STEP 1:** Prepare the emergency shower foundation by using the floor flange as a template. Locate the three holes for the 3/8-16 UNC x 6" anchor bolts. (Not supplied). They should extend 1" above the floor level.
- STEP 2:** Once the concrete foundation is ready (dry), assemble the floor flange to the anchor bolts; then securely fasten with 3/8-16 UNC Hex nuts and 3/8" washers (Not supplied). Seal and tighten floor flange and (1-1/4") tee making certain the waste tee is facing the proper location and the foot control holes are facing side to side.
- STEP 3:** Assemble nipple (1-1/4" x 24") to the tee and tighten with a pipe wrench.
- STEP 4:** Assemble the eye/face wash loop assembly to the (24") nipple from Step three. Connect the pipe wrench to the nipple between the two tees to avoid damage.
- STEP 5:** Assemble in the following order:  
Attach nipple (1-1/4" x 24") onto the loop assembly.  
Attach nipple (1-1/4" x 24") onto the tee.  
Attach tee (1-1/4" x 1-1/4" x 1") onto nipple.  
Attach nipple (1" x 8") and valve assembly onto tee.  
Attach street elbow (1") and nipple (1" x 12-1/2") onto valve.
- STEP 6:** Assemble showerhead onto street elbow (1"). If necessary, use Dow Corning 832 sealant placing 5 small beads on the male threads, just above the first thread.
- STEP 7:** Assemble the sign onto the unit. Use the strap, screws, washers and nuts provided to mount the sign onto the upright. The sign should be positioned for maximum visibility.
- STEP 8:** Insert the plug into the optional supply line tee that is not used. Before connecting the supply water line to the emergency shower; **FLUSH THE LINE THOROUGHLY.**

<b>TROUBLESHOOTING</b>	
<b>PROBLEM</b>	<b>REPAIR CHECKLIST</b>
1. No flow.	1. Check the main shut-off valve.
2. Insufficient water flow.	2. Verify minimum 30 psi (2 ATM) flowing supply line pressure.
3. Insufficient water flow on eye/face wash, however, shower is sufficient.	3. a. Verify minimum 30 psi (2 ATM) flowing supply line pressure.  b. Probable clogging of flow control due to inadequate line flushing. Unscrew eye/face wash head and remove the four screws to disassemble head. Clean flow control and reassemble head.  c. Remove plug located on L – Strainer using a 9/16" wrench to access and clean filter screen.
4. Eye/face wash streams do not meet desired eye level.	4. Possible blocked flow control, see above solution. Possible non-leveled eye/face wash assembly.
5. Water does not drain properly.	5. Check your drain system for debris. Check the main waste line of your building to see if it does handle the capacity required for the entire drainage system.
6. Water leak between joints or fittings.	6. Tighten loose connections. If leak persists, the application of hot water will sometimes reseal improperly applied joint compound. After 30 minutes wait and retest. A persistent leak will necessitate reassembly and additional sealant.
7. Insufficient water flow from shower, however, eye/face wash is sufficient.	7. Probable clogging of flow control inside showerhead. Unscrew showerhead off of elbow and clean rubber flow control.

For more information about Haws products, see our website: [www.hawasco.com](http://www.hawasco.com)

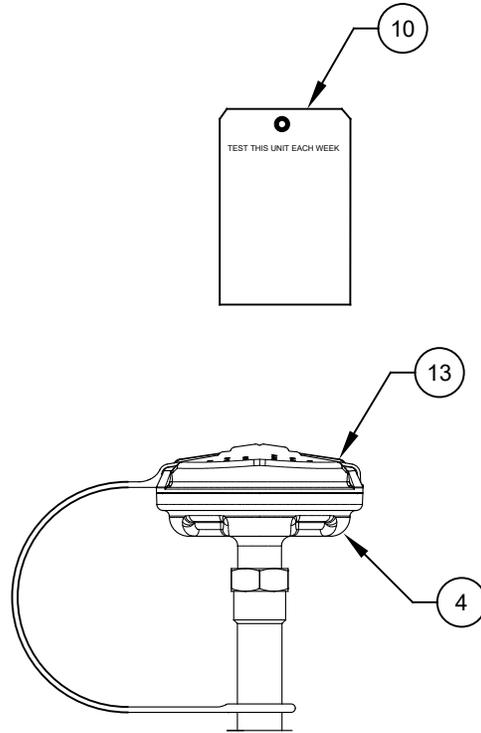
# PARTS BREAKDOWN

ITEM	DESCRIPTION	PART NO.
1	SHOWER HEAD	SP829SS
2	VALVE ASSEMBLY	SP265
3	PULL ROD	SP200
4	EYE/FACE WASH HEAD	SP65SS
5	VALVE ASSEMBLY	SP228
6	STRIPE TAPE	SP185
7	SHOWER SIGN	SP178
8	BOWL	SP90
9	FOOT TREADLE	SP220SS
10	TEST TAG	SP170
11	L-STRAINER	SP509SS
12	SS DUST COVER ASSEMBLY	9102
13	E/F WASH DUST COVER	9091



OPTIONAL

OPTIONAL



SP65SS EYE/FACE WASH ASSEMBLY

FOOT TREADLE  
(OPTIONAL)

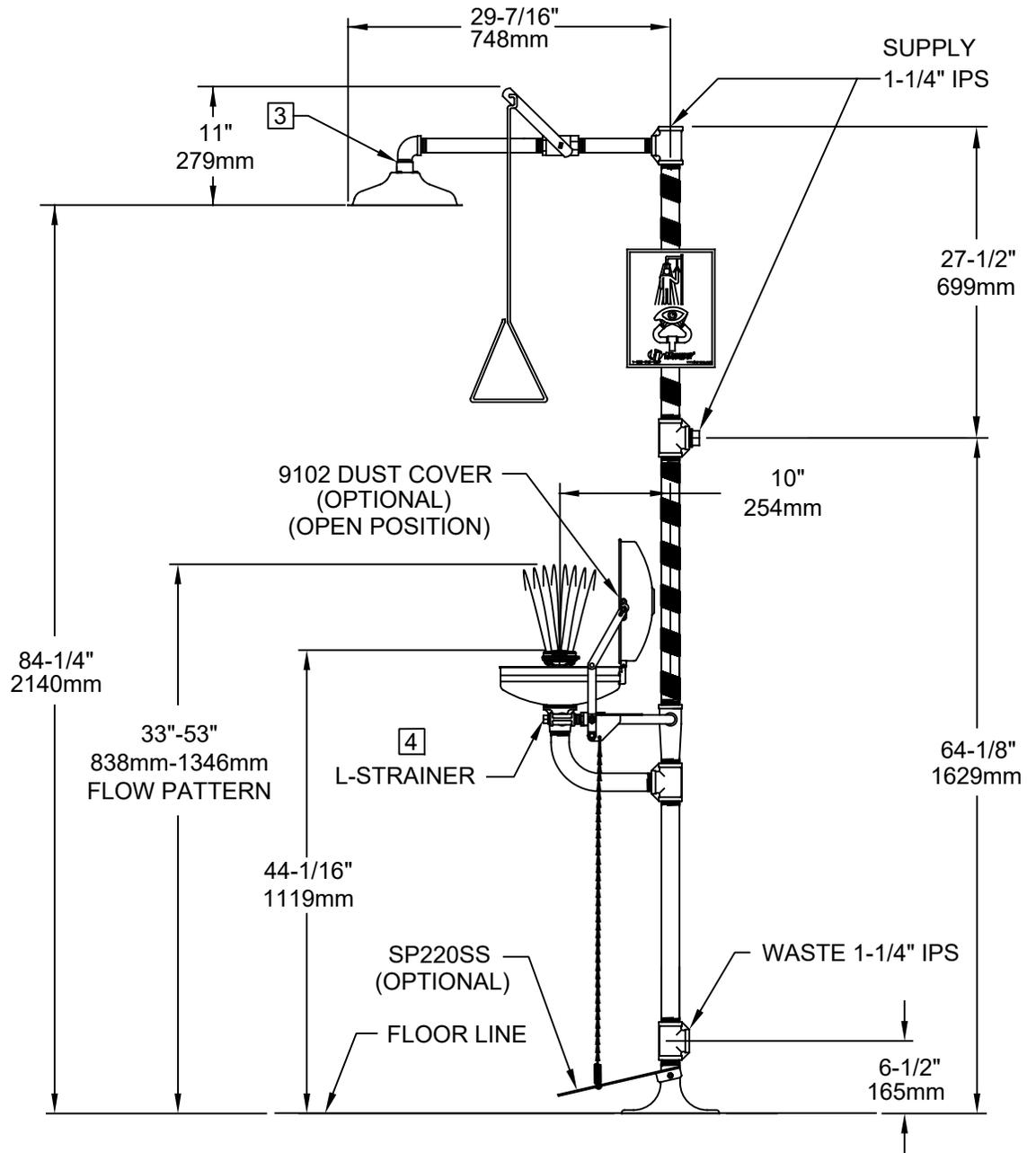
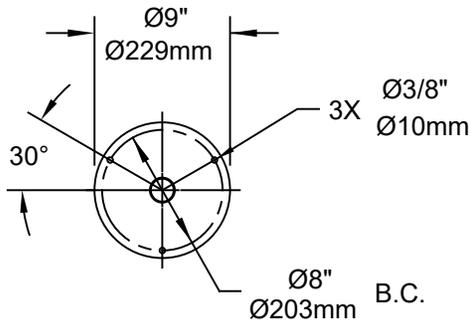
DUST COVER ASSY  
(OPTIONAL)  
(OPEN POSITION)

WHEN ORDERING PARTS PLEASE SPECIFY MODEL NUMBER.

 <b>Haws</b> <sup>®</sup>		1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWS.CO.COM WEBSITE: WWW.HAWS.CO.COM	
		ECN NO. REVISED PER BY ECN: 5878 FV	MODEL(S) 8330
DRAWN CJL	DATE 05/01	CHRD KM	REVISION 27
APPROVED FV	DATE 02/08/23	SCALE: 1/6	DRAWING TYPE: PARTS BREAKDOWN
		SIZE: A	SHEET 1 OF 1

NOTES:

1. WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO FOR INSTALLATION DIMENSIONS (LOCATIONS), WASTE AND SUPPLY REQUIREMENTS OTHER THAN SHOWN.
2. TO COMPLY WITH ANSI Z358.1-2014 FOR EMERGENCY EYEWASH OR EYE/FACE WASH:
  - EYEWASH OR EYE/FACE WASH SHALL BE POSITIONED SUCH THAT FLUSHING FLUID PATTERN IS NOT LESS THAN 33" (838mm) AND NO GREATER THAN 53" (1346mm) FROM SURFACE ON WHICH USER STANDS; AND 6.0" (153mm) MINIMUM FROM WALL OR NEAREST OBSTRUCTION.
  - SHOWER SHALL BE POSITIONED SUCH THAT SHOWER HEAD IS NOT LESS THAN 82" (2083mm) OR GREATER THAN 96" (2438mm) FROM SURFACE ON WHICH USER STANDS.
  - SHOWER SPRAY PATTERN SHALL HAVE A MINIMUM DIAMETER OF 20" (508mm) AT 60" (1524mm) ON WHICH USER STANDS. CENTER OF SPRAY PATTERN SHALL BE LOCATED AT LEAST 16" (406mm) FROM NEAREST OBSTRUCTION.
- 3 IF NECESSARY USE LOCTITE 567 SEALANT ON MALE THREADS, JUST ABOVE THE FIRST THREAD.
- 4 REMOVE 1/2" NPT PLUG TO GAIN ACCESS TO STRAINER FOR CLEANING. WHEN RE-ASSEMBLING STRAINER AND PLUG, MAKE SURE THAT STRAINER IS FULLY PRESSED INTO PLUG CAVITY, PRIOR TO THREADING PLUG INTO TEE.
5. DIMENSIONS MAY VARY BY ±1/2" (13 mm).



1455 KLEPPE LANE  
SPARKS, NEVADA 89431  
(775) 359-4712 FAX (775) 359-7424  
E-MAIL: HAWS@HAWS.CO.COM  
WEBSITE: WWW.HAWS.CO.COM

ECN NO.	REVISED PER	BY:	MODEL(S)	PART NUMBER
	ECN: 5878	FV		0002080174.D
DRAWN:	DATE:	CHKD:	8330	REVISION
C. HAYES	05/91	KM		27
APPROVED:	DATE:	SCALE:	DRAWING TYPE:	SIZE:
FV	02/08/23	1/16	INSTALLATION	A
				SHEET 1 OF 1