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E-mail: info@haws.ch website: www.haws.ch

No. 02080170 (1)

**Model 8320 AXION
(Item Number 10004820)
Shower & Eye/Face Wash**

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

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

CUSTOMER SUPPORT: +41 (0) 34 420 60 00

LOCATION OF UNIT: The Model 8320 AXION Emergency Shower 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" BSP with 30-90 psi (2-6 Bar) flowing pressure. Where sediment or mineral content is a problem, an inlet filter is recommended.

PLUMBING CONNECTIONS: The inlet supply is female 1-1/4" BSP. Waste outlet is female 1-1/4" BSP.

INSTALLATION PROCEDURE

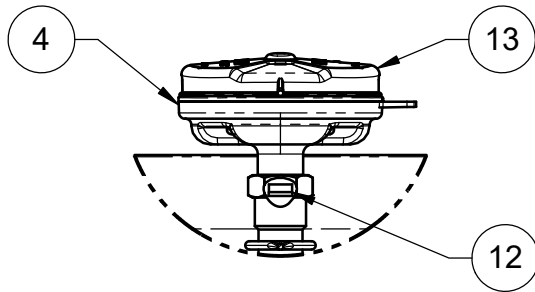
Refer to Installation Drawing for clarification. Check parts list to ensure all required parts are included. Use KISLING ERGO 4207 sealant on all metal-to-metal connections.

- STEP 1:** Prepare the emergency shower foundation by using the floor flange assembly as a template. Locate the three holes for the M8 x 150mm (3/8-16 UNC x 6") anchor bolts (not supplied). They should extend 25mm (1") above the floor level.
- STEP 2:** Once the concrete foundation is ready (dry), assemble the floor flange assembly to the anchor bolts; then securely fasten with M8 (3/8-16 UNC) Hex nuts and M8 (3/8") washers (not supplied). Seal and tighten floor flange and tee (1-1/4") making certain the waste tee is facing the proper location.
- STEP 3:** Assemble nipple (1-1/4" x 610mm) to the floor flange assembly and tighten with a pipe wrench.
- STEP 4:** Assemble the eyewash loop assembly to the 610mm 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 610mm) and tee (1-1/4") to the loop assembly.
Attach nipple (1-1/4" x 610mm) and tee (1-1/4" x 1-1/4" x 1") to tee (1-1/4")
Attach overhead assembly to tee (1-1/4" x 1-1/4" x 1").
- STEP 6:** Assemble showerhead onto overhead assembly (1").
- STEP 7:** Assemble the sign onto the unit. Use the clamps provided to mount the sign onto the upright. The sign should be positioned for maximum visibility. Apply green and white adhesive labels.
Mount the push plate.
Mount the pull rod.
Mount the maintenance hang tag.
- STEP 8:** Before connecting the supply water line to the emergency shower, **FLUSH THE LINE THOROUGHLY.**

TROUBLESHOOTING	
PROBLEM	REPAIR CHECKLIST
1. No flow.	1. Check the main shut-off valve.
2. Water leak between joints or fittings.	2. 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.
3. Insufficient water flow, shower and eyewash.	3. Verify minimum 30 psi (2 Bar) flowing supply line pressure.
4. Water does not drain properly.	4. 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.
5. Insufficient water flow on eyewash, however, shower is sufficient.	5.a. Verify minimum 30 psi (2 Bar) 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. See SP65 Installation Drawing for details.
	c. Remove cap located on Inline Strainer using a 3/8" allen wrench to access and clean filter screen.
6. Eyewash or face wash streams do not meet at desired eye level or are not balanced.	6. Possible blocked flow control see above solution. Possible non-leveled eyewash assembly.
7. Insufficient water flow at the showerhead, however, eyewash is sufficient.	7. Probable clogging of flow control inside shower head. Unscrew shower head off of elbow and clean rubber flow control.

For more information about Haws products, see our website: www.haws.ch

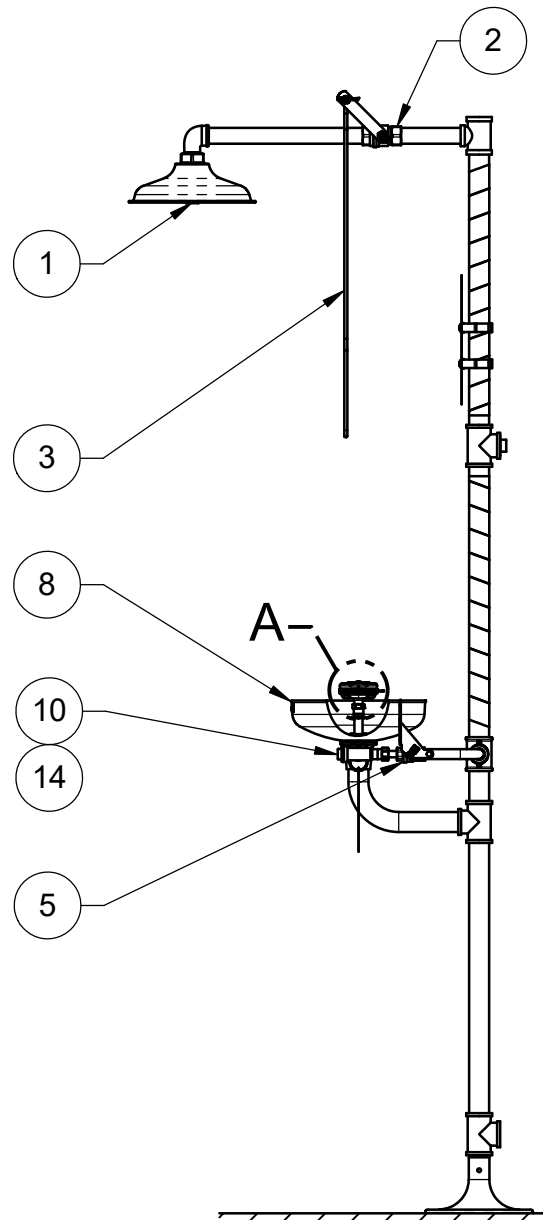
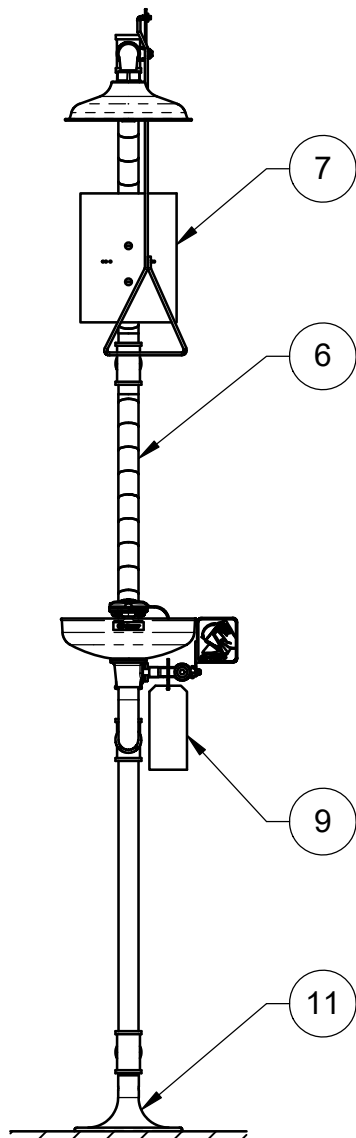
PARTS BREAKDOWN




DETAIL A
SCALE 1 : 3

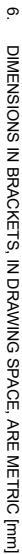
OPTIONAL -

ITEM	DESCRIPTION	MODEL NO.	ITEM NO.
1	AXION SHOWER HEAD	SP829	10006266
2	VALVE ASSEMBLY	SP260	10006187
3	PULL ROD	SP200	10002978
4	AXION EYE/FACE WASH HEAD	SP65	10001851
5	VALVE ASSEMBLY	SP225	10006161
6	STRIPE TAPE	SP185	10002079
7	SHOWER SIGN	SP178	10003218
8	BOWL	SP96	10006284
9	TEST TAG	SP170	10006134
10	INLINE STRAINER	SP509	10006227
11	FLOOR FLANGE	SP75	10006262
12	FLOW CONTROL	SP37.5	10001711
13	DUST COVER	SP9091	10000718
14	INLINE STRAINER REPAIR KIT	VRKEWSTR	10006353
--	FOOT TREADLE (NOT SHOWN)	SP220	10003587

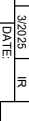


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ECN: 0002	REV. ECN: 0002	BY: IR	MODEL(S) 8320 AXION (10004820)	PART NUMBER 02080170			
DRAWN: IR	DATE: 3/2025	CHKD: IR		REVISION 1			
APPROVED: IR	DATE: 3/2025	SCALE: 1:16	DRAWING TYPE: PARTS BREAKDOWN	SIZE: A	SHEET 1 OF 1		

WHEN ORDERING PARTS, PLEASE
SPECIFY ITEM NUMBER



ECN:		REV. EGN:		BY:		IR	
0002		0002		0002		IR	
DRAWN:		ID/ATE:		CH/D:		IR	
APPROVED:		DATE:		DATE:		DATE:	
IR		30/2/05		30/2/05		30/2/05	
SCALE:		1:50		DRAWING TYPE:		INSTALLATION	
SIZE:		A		SHEET:		OF 1	
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Since 1906

MODELS(S)

8320 AXION (10004820)

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PART NUMBER	REVISION
02080170.D	1