

GalvinSafe[®] Free Standing Drench Shower, Pull Rod, Axion[®] MSR ABS Shower (HAWS)

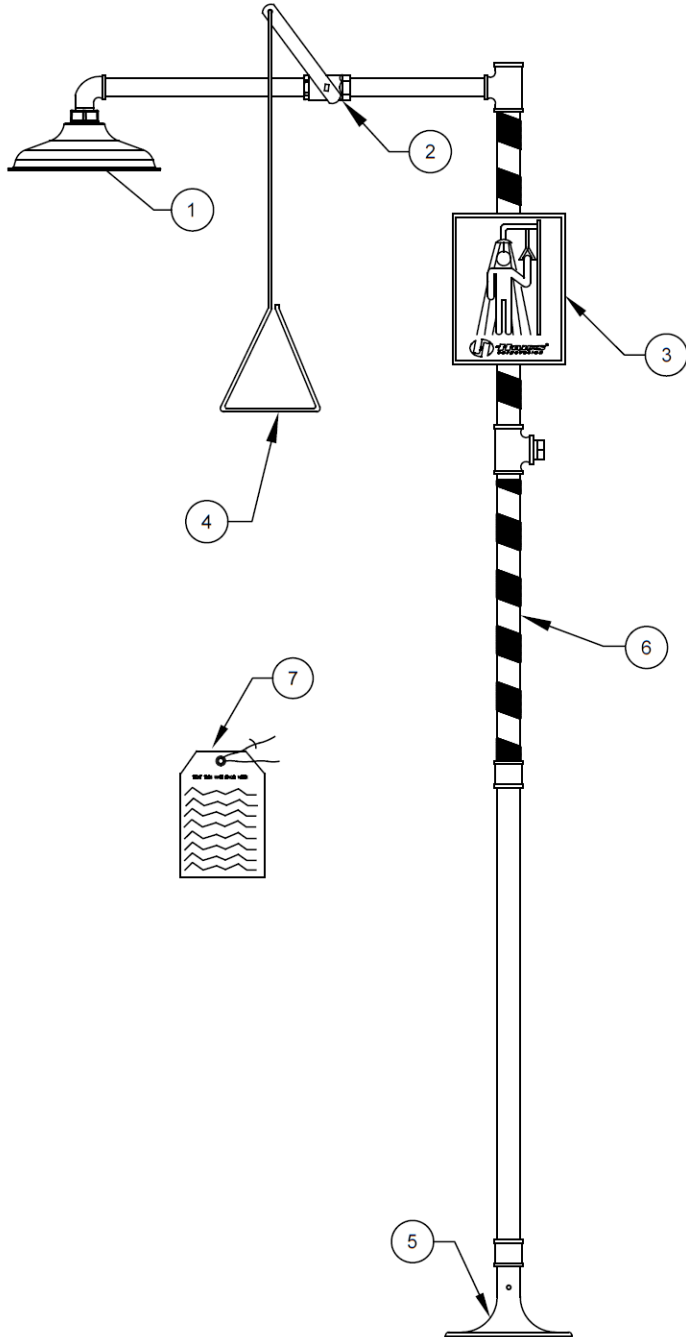
PRODUCT CODE:**Galvin Engineering: 190.81.12.32****HAWS: 8100-A****PRE - INSTALLATION**

LOCATION OF UNIT: The Model 190.81.12.32 (8100-A) 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 210 – 600 kPa flowing pressure. Where sediment or mineral content is a problem, an inlet filter is recommended.

PLUMBING CONNECTIONS: Inlet supply is male 1-1/4" BSPT.

PARTS BREAKDOWN



ITEM	ITEM CODE	DESCRIPTION
1	190.92.00.10	SHOWER HEAD
2	190.92.04.30	VALVE ASSEMBLY
3	-	EMERGENCY SHOWER SAFETY SIGN*
4	190.92.30.20	PULL ROD
5	-	FLOOR FLANGE*
6	-	STRIPE TAPE*
7	190.91.80.33	TEST TAG

* spare parts will require special order or may not be available (contact Galvin engineering for more details).

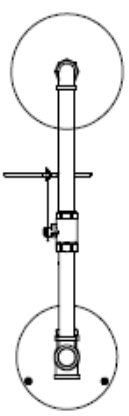
INSTALLATION PROCEDURE

Refer to Installation Drawing for clarification. Check parts list to ensure all required parts are included. Use an AS 4020 approved pipe joint sealant on all connections.

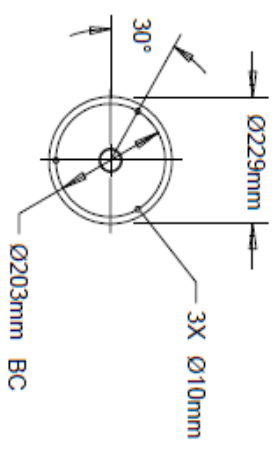
- STEP 1:** Prepare the emergency shower foundation by using the floor flange as a template. Locate the three holes for the 3/8-16 UNC x 6" anchor bolts. (Not supplied). They should extend 1" above the floor level.
- STEP 2:** Once the concrete foundation is ready (dry), assemble the floor flange to 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 33") to the tee and tighten with a pipe wrench.
- STEP 4:** Assemble in the following order:
Attach intermediate coupling to nipple (1-1/4" x 33")
Attach plugged nipple (1-1/4" x 24") and tee (1-1/4") onto the coupling.
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 9") valve assembly onto tee (1-1/4" x 1-1/4" x 1")
Attach street elbow (1") and nipple (1" x 12-1/2")
Attach nipple onto valve.
- STEP 5:** Attach the showerhead onto street elbow (1").
- STEP 6:** 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 7:** Insert the plug into the optional supply line tee that is not used. Before connecting the supply water line to the emergency shower; **CHECK IF THE ASSEMBLY IS RIGIDLY TIGHTENED AND FLUSH THE LINE THOROUGHLY.**

NOTES:

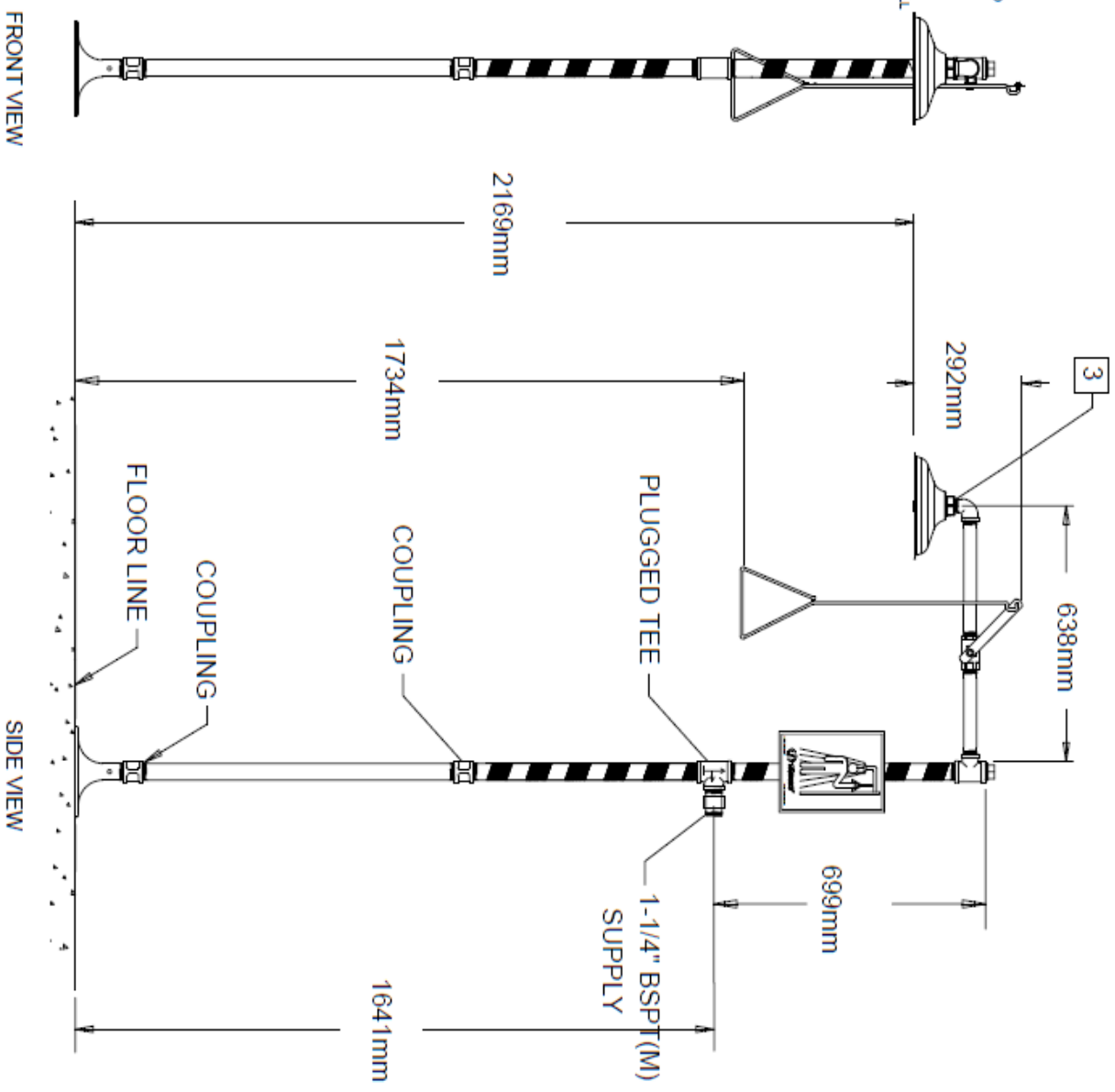
1. WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO FOR INSTALLATION DIMENSIONS (LOCATIONS), WASTE AND SUPPLY REQUIREMENTS OTHER THAN SHOWN.
2. TO COMPLY WITH AS 4775:
 - SHOWER SHALL BE POSITIONED SUCH THAT SHOWER HEAD IS NO LESS THAN 2083mm AND NO GREATER THAN 2488mm FROM SURFACE ON WHICH USER STANDS.
 - SHOWER SPRAY PATTERN SHALL HAVE A MINIMUM DIAMETER OF 508mm AT 1524mm ABOVE SURFACE ON WHICH USER STANDS, AND CENTER OF SPRAY PATTERN SHALL BE LOCATED NO LESS THAN 406mm FROM NEAREST OBSTRUCTION.
3. DO NOT USE REGULAR PIPE SEALANT. USE AN AS 4200 APPROVED PIPE JOINT SEALANT ON ALL CONNECTIONS, PLACING FIVE SMALL BEADS ON MALE THREADS, JUST ABOVE FIRST THREAD.
4. DIMENSIONS MAY VARY BY 4.13 mm.



TOP VIEW



FLOOR FLANGE MOUNTING DETAIL



FRONT VIEW

SIDE VIEW

DISTRIBUTED BY:

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ECON REVISIONS:		MODEL(S)		PART NUMBER	
ENR	ENR	ENR	ENR	0002080105.D	
DATE	DATE	DATE	DATE	REVISION	
CH	CH	CH	CH	13	
APPROVED	DATE	SCALE	INSTALLATION	SIZE	SHEET 1 OF 1
FW	01/16/18	NA		A	

GalvinSAFE FREE STANDING DRENCH SHOWER,
 PULL ROD, AXION MSR ABS SHOWER (HAWS)

Haws

TROUBLESHOOTING	
PROBLEM	REPAIR CHECKLIST
1. No Flow.	1. Check the main shut-off valve.
2. Insufficient water flow at shower	2. a. Verify minimum 210 kPa flowing supply line pressure. b. Probable clogging of flow control inside shower head. Unscrew shower head off elbow and clean rubber flow control.
3. Water does not drain properly.	3. 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
4. Water leak between joints or fittings.	4. 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.

For more information about GalvinSafe® (Haws) products, see our website.

WARRANTY

The warranty set forth herein is given expressly and is the only warranty given by the Galvin Engineering Pty Ltd. With respect to the product, Galvin Engineering Pty Ltd makes no other warranties, express or implied. Galvin Engineering Pty. Ltd. hereby specifically disclaims all other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Galvin Engineering Pty Ltd products are covered under our manufacturer's warranty available for download from www.galvinengineering.com.au Galvin Engineering Pty Ltd expressly warrants that the product is free from operational defects in workmanship and materials for the warranty period as shown on the schedule in the manufacturer's warranty. During the warranty period, Galvin Engineering will replace or repair any defective products manufactured by Galvin Engineering without charge, so long as the terms of the Manufacturer's warranty are complied with.

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and Galvin Engineering Pty Ltd shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labour charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, electrical or any other circumstances over which Galvin Engineering has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

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