

**GFR3100 Series** Heat Traced Eyewash and Shower Safety Station, Rated for Class I, Division 2 Environments

### Components

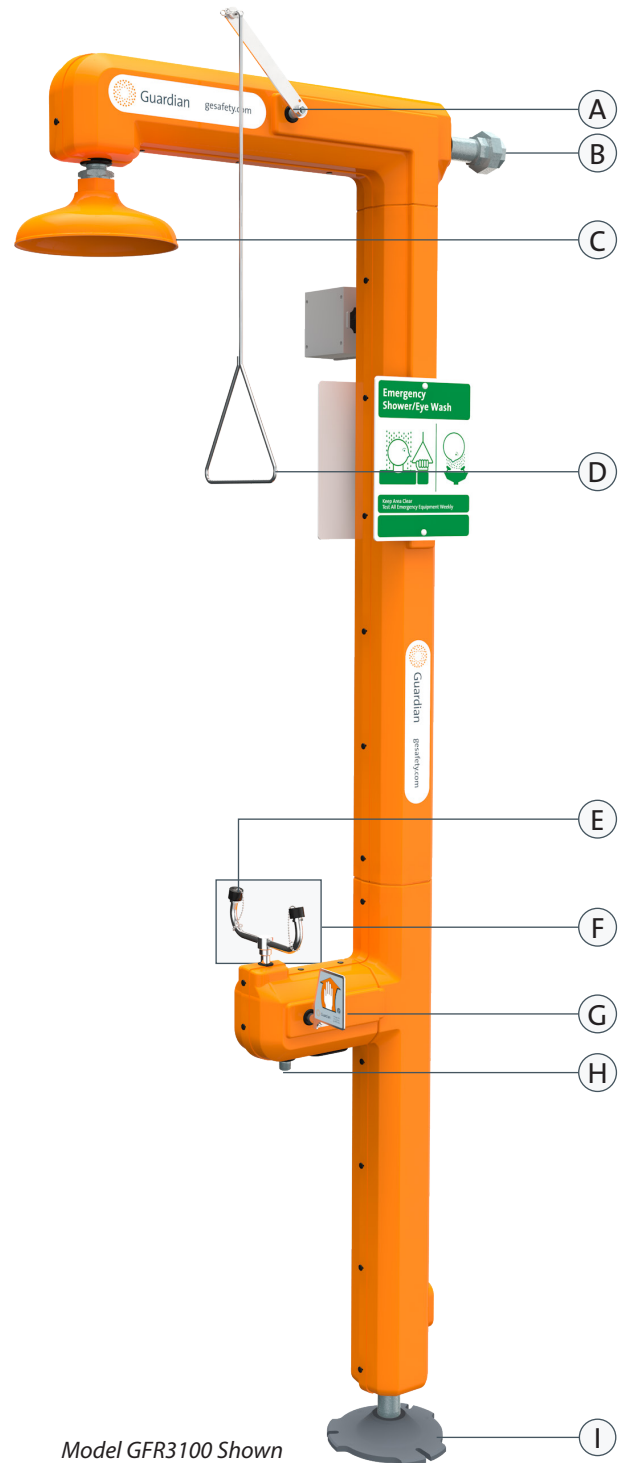
Item	Part Number	Description
A	<b>600-106</b>	Shower Valve, 1" IPS Brass
B	<b>300-10U</b>	1-1/4" IPS Female Union Inlet
C	<b>AP450-032ORG</b>	Orange ABS Plastic Shower Head
	<b>AP450-048</b>	Stainless Steel Shower Head
D	<b>AP050-079</b>	Shower Pull Rod Assembly
E	<b>AP250-048R</b>	Spray Head Dust Cover (pkg of 2)
F	<b>AP470-105FP</b>	Eyewash Assembly
G	<b>600-103</b>	Eyewash 3-Way Valve, 1/2" IPS Brass
H	<b>500-04-03-4</b>	Drain Tube for 3-way Ball Valve
I	<b>150-032</b>	Floor Flange

### General Notes

Installation of heat traced safety station requires that mechanical and electrical connections be made. Installation should be performed by a licensed plumber and a licensed electrician. All work must be done in accordance with applicable regulations, including local plumbing codes, electrical codes and OSHA regulations pertaining to lockout of electrical equipment. It is recommended that a shut-off valve is installed upstream of the unit to facilitate maintenance. Provisions must be made to prevent unauthorized closure of the shut-off valve.

### Mechanical Assembly

- Secure unit to floor using floor flange on base of unit.
- Connect water supply to the 1-1/4" IPS union connection at the top or bottom of unit. If outdoors, make sure water supply pipe is protected from freezing.
- Test unit for leaks and ensure both the eyewash and shower properly.
- Drain pipe under the eyewash valve allows water to drain after use to prevent the eyewash from freezing. Drain must remain unobstructed.

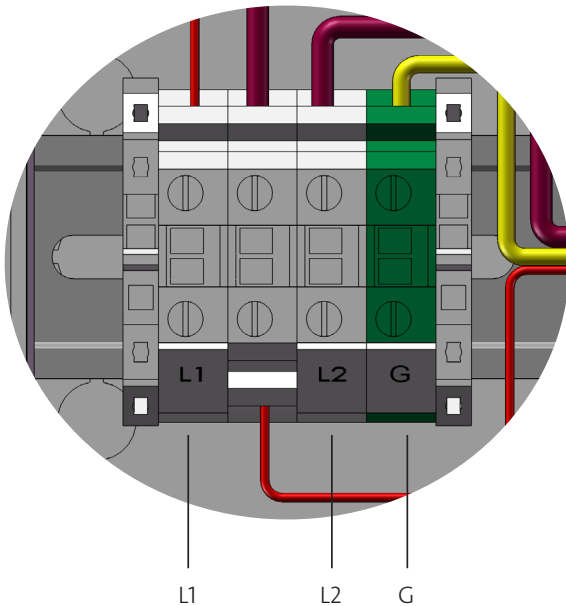
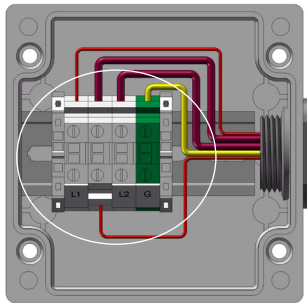


Model GFR3100 Shown

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### Electrical Wiring

- Connect the incoming power wire (hot) to terminal block L1.
- Connect neutral wire to terminal block L2.
- Connect ground wire to terminal block G.
- In order to meet Class I, Division 2 requirements, approved conduit and fittings must be used. All threaded electrical connections must have hazardous location rated sealant applied to threads.



### Electrical Schematic

