

Series S5000

Emergency Combination Shower & Eye/Face Wash

 Certified to ANSI Z358.1



In order to comply with the ANSI Z358.1 Standard the following notes should be observed:

- Station should be assembled and installed in accordance with the manufacturer's instructions, including flushing fluid delivery requirements.
 - Station should be in accessible locations that require no more than 10 seconds to reach. The combination station shall be located on the same level as the hazard and the path of travel shall be free of obstructions that may inhibit its immediate use.
 - Station should be located in an area identified with a highly visible sign positioned so the sign shall be visible within the area served by the combination station. The area around the combination station shall be well lit.
 - Eye/Face wash shall be positioned with nozzles not less than 33 inches (83.8 cm) and no greater than 45 inches (114.3 cm) from surface on which user stands and 6 inches (15.3 cm) minimum from wall or nearest obstructions.
 - Shower shall be positioned so that the shower head is not less than 82 inches (208.3 cm) nor more than 96 inches (243.8 cm) from surface on which user stands.
- Shower spray pattern shall have a minimum diameter of 20 inches (50.8 cm) at 60 inches (152.4 cm) above surface on which user stands, and center of spray pattern shall be located at least 16 inches (40.6 cm) from any obstruction.
 - If shut off valves are installed in the supply line for maintenance purposes, provisions shall be made to prevent unauthorized shut off.
 - Refer to ANSI Z358.1 to ensure compliance.

NOTES: It is recommended to flush pipes prior to installing combination shower eyewash fixture. Instructions should be reviewed prior to starting the installation. Remove parts from packaging and verify all necessary parts are accounted for and not damaged. Please contact Stingray Systems for any missing or damaged parts prior to starting installation.

Stingray Systems recommends that you work safely at all times and in a manner consistent with the OSHA Lock/Tagout standard, 29 CFR 1910.147 and other applicable standards.

INSTALLATION

Required Supplies (Not Included):

Pipe Sealant or Teflon Tape - To Be Used On All Piping Connections

Wall Anchors(3) or Floor Anchors (3) 3/8" Anchors Specific For Wall or Floor Substrate

Additional Anchors/Supports As Required

Wall Installation

1. Thread section of galvanized pipe to Manifold Assembly. Thread Upper Vertical Assembly (galvanized pipe with tee) to partially assembled unit.
2. Attach unit to Wall Mount Plate with flat head screws.
3. Secure Wall Plate to wall with wall anchors.
4. Thread Horizontal Shower Arm to partially assembled unit.
5. Insert Eye/Face Wash Bowl Assembly into Manifold with red drainpipe going into drain fitting. Tighten setscrews on side of Manifold to support tube. Press fit drain fitting on Manifold Assembly to red drainpipe on Eye/Face Wash Bowl Assembly.
6. Loop Eye Piece Safety covers to Quick Switch Eyewash Element (QSEE) inlet tube on QSEE. Press fit QSEE into Eye/Face Wash Bowl Assembly. Thread Shower Head to the station.
7. Attach Drench Pull Handle by placing Nylon Washer on each side of hole on shower activator arm. Insert Drench Pull through hole. Lock into place by inserting Cotter Pins into holes of Drench Pull.
8. Mount sign near (or onto) the assembled unit at the desired location.
9. Connect 1" supply piping to assembled station. Installer to provide sufficient support of piping so that the assembled station is not relied on to supply support.
10. Connect 1" drain piping to drain outlet at the bottom of the station.
11. Open supply line to check for leaks. Push on activator to insure adequate flow and drainage through Eye/Face Wash. Pull back to stop water flow. Pull down on Drench Pull to insure adequate flow through showerhead. Push up on Drench Pull to stop water flow from shower.

Pedestal Installation

1. Thread one (1) section of galvanized pipe to Floor Base. Thread Manifold Assembly onto end of galvanized pipe/ Floor Base Assembly. Thread next section of galvanized pipe to Manifold Assembly.
2. Thread Upper Vertical Assembly (galvanized pipe with tee) to partially assembled unit.
3. Thread Horizontal Shower Arm to partially assembled unit.
4. Position partially assembled unit at final location, insuring that drain connection is located to the rear of the unit or away from where user where stand. Using the Floor Base as a template, install three anchors (supplied by others) into the floor. Secure partially assembled unit to the floor with the anchors.
5. Insert Eye/Face Wash Bowl Assembly into Manifold with red drainpipe going into drain fitting. Tighten setscrews on side of Manifold to support tube. Press fit drain fitting on Manifold Assembly to red drainpipe on Eye/Face Wash Bowl Assembly.
6. Loop Eye Piece Safety covers to Quick Switch Eyewash Element (QSEE) inlet tube on QSEE. Press fit QSEE into Eye/Face Wash Bowl Assembly. Thread Shower Head to the station.
7. Attach Drench Pull Handle by placing Nylon Washer on each side of hole on shower activator arm. Insert Drench Pull through hole. Lock into place by inserting Cotter Pins into holes of Drench Pull.
8. Mount sign near (or onto) the assembled unit at the desired location.
9. Connect 1" supply piping to assembled station. Installer to provide sufficient support of piping so that the assembled station is not relied on to supply support.
10. Connect 1" drain piping to drain outlet at the bottom of the station.
11. Open supply line to check for leaks. Push on activator to insure adequate flow and drainage through Eye/Face Wash. Pull back to stop water flow. Pull down on Drench Pull to insure adequate flow through showerhead. Push up on Drench Pull to stop water flow from shower.

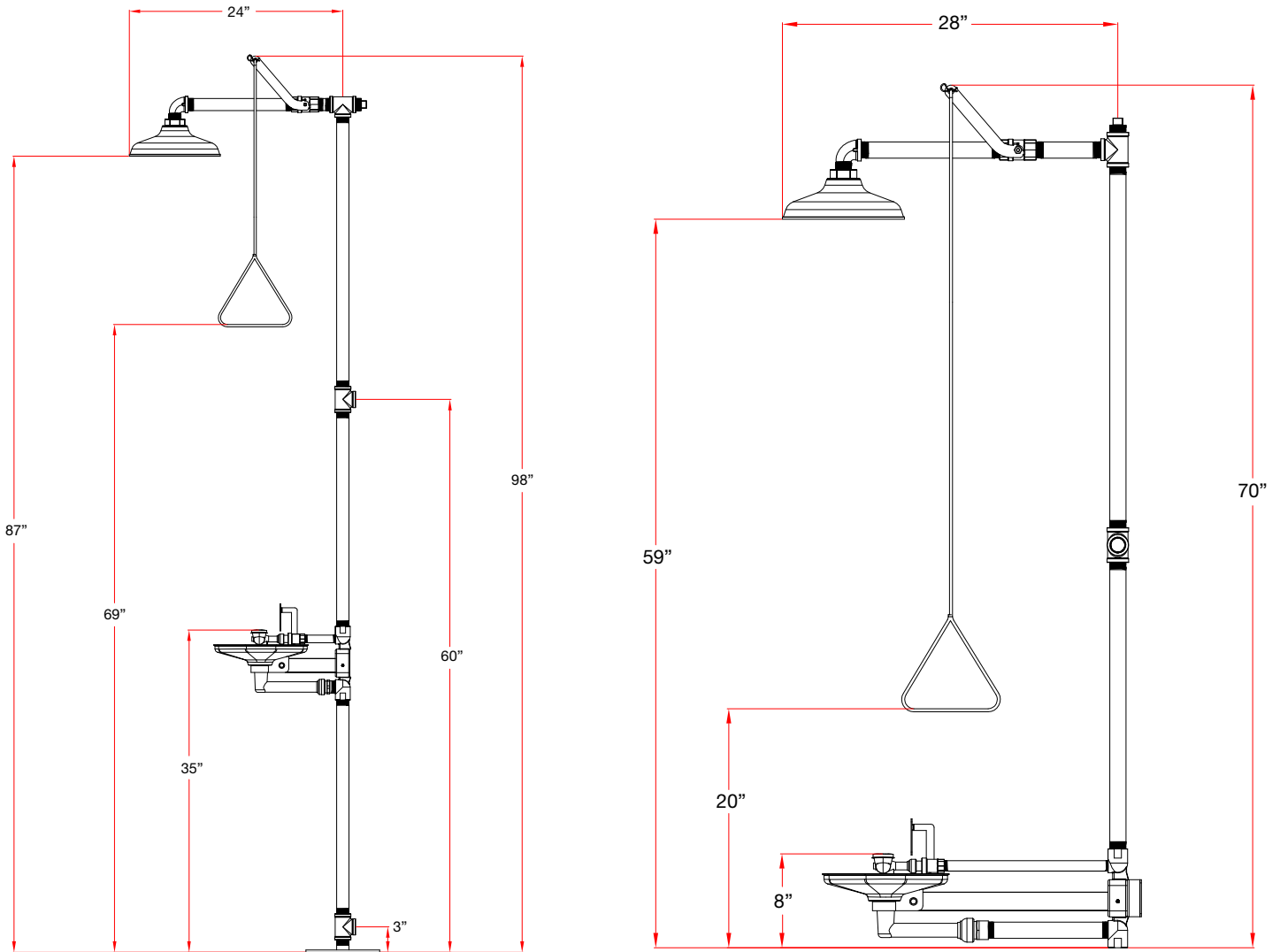
Troubleshooting

Problem	Checklist
No flow.	Make sure the water supply for station is on.
Water does not drain properly.	Check to see if station is installed level and correct as needed. Make sure nothing is blocking drain of the bowl. Remove any debris. Double check the main waste line for the facility. Make sure there is no blockage and that it can handle the required drainage.
Water leaks between fittings or connections.	Tighten all connections. If leak persist, disassemble, apply additional sealant and reassemble.
Insufficient flow to eye/face wash.	Turn water supply to station off. Remove the eye pieces and clean out any debris. Make sure diverter is fully opened. Verify pressure to station is at 30 psi as required.

Maintenance

Emergency Eye/Face Wash System shall be activated on a weekly basis to verify operation and to flush the lines per the American National Standards Institute (ANSI). Inspections shall be recorded with inspector's name and date tested.

Should the need to repair or replace any parts on this station, please contact Stingray Systems. Before any repairs are performed, please verify that the water supply to the station is shut off.



Guarantee

We guarantee the Stingray Systems product to be free from defects in workmanship and material, and for a period of eighteen (18) months from date of shipment from the factory or one (1) year from date of installation, whichever occurs first, will replace any parts found by us to be defective. We will not be held responsible, however, for any labor incidental to, or for any damages caused by defective material.

With any questions, please do not hesitate in contacting us at:
1-888-445-4142
or via email at info@tepid.com

Series S5000 Test Record

Location _____

YEAR	Date	T1	T2	T3	T4	YEAR	Date	T1	T2	T3	T4	
	Jan						Jan					
	Feb						Feb					
	March						March					
	April						April					
	May						May					
	June						June					
	July						July					
	Aug						Aug					
	Sept						Sept					
	Oct						Oct					
	Nov						Nov					
	Dec						Dec					
YEAR	Jan					YEAR	Jan					
	Feb						Feb					
	March						March					
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	June						June					
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	Nov						Nov					
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	YEAR	Jan						YEAR	Jan			
Feb						Feb						
March						March						
April						April						
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Before you use this chart please make a copy for future testing records.