

SPEAKMAN®

SE-622, SE-623, SE-625, SE-625-SS, SE-626, SE-626-SS

Installation, Maintenance & Operation Instructions

SAFE-T-ZONE® EMERGENCY SHOWER AND EYE/FACE WASH

DESCRIPTION

Floor mounted emergency deluge shower and eye or eye/face wash combination unit.

SE-622, SE-626, SE-626-SS

Shower is supplied with a 1" NPTF stay-open full flow ball valve, activated by triangular pull handle.

Eyewash is supplied with 1/2" NPTF stay-open full flow ball valve, activated by trigger bar or push handle.

SE-623, SE-625, SE-625-SS

Shower is supplied with a 1" NPTF stay-open full flow ball valve, activated by triangular pull handle.

Eye/face wash is supplied with 1/2" NPTF stay-open full flow ball valve, activated by push handle.

SE-622 SPECIFICATIONS

SHOWER HEAD: 8" DIA. STAINLESS STEEL.

FLOW CONTROL: INTERNAL 20 GPM REGULATOR.

VALVE: 1" NPT FEMALE STAINLESS STEEL. FULL FLOW STAY-OPEN BALL VALVE.

ACTIVATOR: STAINLESS STEEL TUBE.

STANCHION: 1-1/2" STAINLESS STEEL, 18 GAUGE TUBING.

INLET & WASTE: 1-1/4" NPT MALE.

FLOOR FLANGE: STAINLESS STEEL WITH (4) 7/16" DIA. MOUNTING HOLES ON 4" CENTERS.

FINISH: STAINLESS STEEL.

EYEWASH: SE-505 (REFERENCE ADDITIONAL SE-505 IOM SHEET).

SHIPPING WEIGHT: 34 LB.

EMERGENCY SIGN: 7-7/8" X 12" PLASTIC WALL SIGN.

SE-623 SPECIFICATIONS

SHOWER HEAD: 8" DIA. STAINLESS STEEL.

FLOW CONTROL: INTERNAL 20 GPM REGULATOR.

VALVE: 1" NPT FEMALE STAINLESS STEEL. FULL FLOW STAY-OPEN BALL VALVE.

ACTIVATOR: STAINLESS STEEL TUBE.

STANCHION: 1-1/2" STAINLESS STEEL, 18 GAUGE TUBING.

INLET & WASTE: 1-1/4" NPT MALE.

FLOOR FLANGE: STAINLESS STEEL WITH (4) 7/16" DIA. MOUNTING HOLES ON 4" CENTERS.

FINISH: STAINLESS STEEL.

EYE/FACE WASH: SE-400 (REFERENCE ADDITIONAL SE-400 IOM SHEET).

SHIPPING WEIGHT: 37 LB.

EMERGENCY SIGN: 12" X 7-7/8" PLASTIC WALL SIGN.

SE-625 SPECIFICATIONS

SHOWER HEAD: 8" DIA. STAINLESS STEEL.

FLOW CONTROL: INTERNAL 20 GPM REGULATOR.

VALVE: 1" NPT FEMALE STAINLESS STEEL. FULL FLOW STAY-OPEN BALL VALVE.

ACTIVATOR: STAINLESS STEEL TUBE.

STANCHION: 1-1/2" STAINLESS STEEL, 18 GAUGE TUBING.

INLET & WASTE: 1-1/4" NPT MALE.

FLOOR FLANGE: STAINLESS STEEL WITH (4) 7/16" DIA. MOUNTING HOLES ON 4" CENTERS.

FINISH: STAINLESS STEEL.

EYE/FACE WASH: SE-490 (REFERENCE ADDITIONAL SE-490 IOM SHEET).

SHIPPING WEIGHT: 35 LB.

EMERGENCY SIGN: 7-7/8" X 12" PLASTIC WALL SIGN.

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SE-625-SS SPECIFICATIONS

SHOWER HEAD: 8" DIA. STAINLESS STEEL.

FLOW CONTROL: INTERNAL 20 GPM REGULATOR.

VALVE: 1" NPT FEMALE STAINLESS STEEL. FULL FLOW STAY-OPEN BALL VALVE.

ACTIVATOR: STAINLESS STEEL TUBE.

STANCHION: 1-1/2" STAINLESS STEEL, 18 GAUGE TUBING.

INLET & WASTE: 1-1/4" NPT MALE.

FLOOR FLANGE: STAINLESS STEEL WITH (4) 7/16" DIA. MOUNTING HOLES ON 4" CENTERS.

FINISH: STAINLESS STEEL.

EYE/FACE WASH: SE-490-SS (REFERENCE ADDITIONAL SE-490-SS IOM SHEET).

SHIPPING WEIGHT: 35 LB.

EMERGENCY SIGN: 7-7/8" X 12" PLASTIC WALL SIGN.

SE-626 SPECIFICATIONS

SHOWER HEAD: 8" DIA. STAINLESS STEEL.

FLOW CONTROL: INTERNAL 20 GPM REGULATOR.

VALVE: 1" NPT FEMALE STAINLESS STEEL. FULL FLOW STAY-OPEN BALL VALVE.

ACTIVATOR: STAINLESS STEEL TUBE.

STANCHION: 1-1/2" STAINLESS STEEL, 18 GAUGE TUBING.

INLET & WASTE: 1-1/4" NPT MALE.

FLOOR FLANGE: STAINLESS STEEL WITH (4) 7/16" DIA. MOUNTING HOLES ON 4" CENTERS.

FINISH: STAINLESS STEEL.

EYEWASH: SE-582 (REFERENCE ADDITIONAL SE-582 IOM SHEET).

SHIPPING WEIGHT: 39 LB.

EMERGENCY SIGN: 7-7/8" X 12" PLASTIC WALL SIGN.

SE-626-SS SPECIFICATIONS

SHOWER HEAD: 8" DIA. STAINLESS STEEL.

FLOW CONTROL: INTERNAL 20 GPM REGULATOR.

VALVE: 1" NPT FEMALE STAINLESS STEEL. FULL FLOW STAY-OPEN BALL VALVE.

ACTIVATOR: STAINLESS STEEL TUBE.

STANCHION: 1-1/2" STAINLESS STEEL, 18 GAUGE TUBING. INLET & WASTE: 1-1/4" NPT MALE.

FLOOR FLANGE: STAINLESS STEEL WITH (4) 7/16" DIA. MOUNTING HOLES ON 4" CENTERS.

FINISH: STAINLESS STEEL.

EYEWASH: SE-582-SS (REFERENCE ADDITIONAL SE-582-SS IOM SHEET).

SHIPPING WEIGHT: 39 LB.

EMERGENCY SIGN: 7-7/8" X 12" PLASTIC WALL SIGN.

INSTALLATION

When assembling use wrench to tighten connection joints. Be sure and use pipe sealant on all threaded connections. Review drawing (as shown on other side) to assure proper location of inlets, outlets, and accessories.

The best method to assembling this unit is as follows:

- (1) Mount the bottom stanchion section to the floor using suitable anchors. Then assemble the middle section and then the top section, making sure rubber sealing gasket is seated correctly. (Use pipe sealant on all joints).
- (2) Rest the eyewash bowl or eye/face wash bowl on the rubber washer and drain spud, making sure to get the bowl as level as possible.
- (3) Once bowl is positioned correctly on spud, apply plumber's putty to drain strainer and tighten with hex tool (supplied).
- (4) Take 1/2" stainless steel flexible hose and connect it to the 1/2" NPTM supply outlet located on the stanchion and the 1/2" in-line strainer on the eyewash or eye/face wash.
- (5) Assemble pull rod and shower head.
- (6) Once unit is completely assembled, connect potable water supply to 1-1/4" top inlet, and 1-1/4" waste to bottom outlet.

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Failure to use potable water can result in emergency units producing impure or contaminated water causing possible further injury. The drain tailpiece or waste should be connected to an adequate drain in compliance with local plumbing codes.

OPERATION

The *shower* is activated by pulling the triangle pull handle. Once the valve is activated the head will continue to discharge water until the valve is manually closed. This is done by pushing up the pull handle to the off position.

The *eyewash* or *eye/face wash* is activated by pushing the trigger bar or the push handle back 90°. The unit will operate until the trigger bar or the push handle is manually pulled back up to the off position.

TESTING PROGRAM

The American National Standards Institute (ANSI) states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. Speakman Company furnishes a testing record tag (91-0635) with each unit. On this tag the date of inspection and the inspector's initials should be noted.

MAINTENANCE

The valve and the eyewash or eye/face wash are the only portion of the unit that may require maintenance. Should you need parts to repair this unit, please reference the parts listing below for correct part numbers. Before any maintenance is done *be sure to shut the water supply off*.

WARNING: Use only genuine Speakman parts when repairing or replacing components. To order parts call 1-800-537-2107.

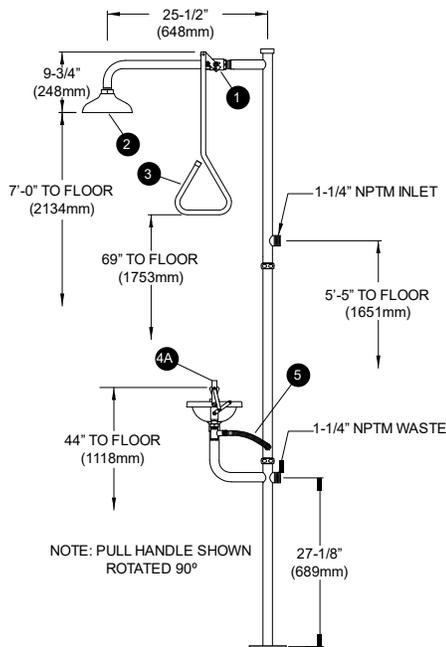
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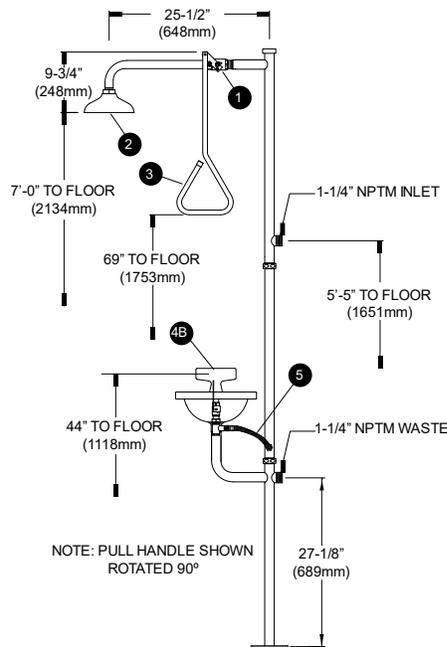
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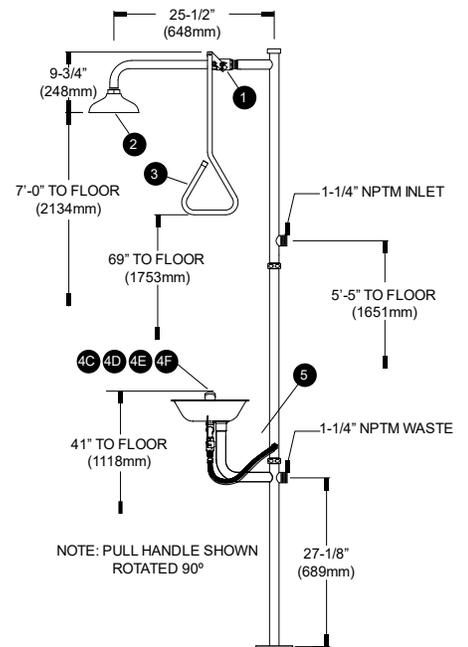
SE-622 ROUGH-IN



SE-623 ROUGH-IN



SE-625/625-SS SE-626/ 626-SS ROUGH-IN



REPLACEMENT/REPAIR PARTS

ITEM	PART NUMBER	DESCRIPTION
1	SE-911-SS	1" Stainless Steel Ball Valve
2	SE-820	8" Stainless Steel Shower Head
3	RPG47-0044	Stainless Steel Pull Rod
3A	SE-505	SE-622 Eyewash
	RPG05-1177	Aerator Replacement Group
	RPG42-0087-PLAS	Spray Head Replacement Group
	RPG20-1720-RCP	Volume Control
	RPG20-1962	Panic bar Replacement Group
3B	SE-400	SE-623 Eye/Face Wash
	RPG05-0816	Volume Control Replacement Group
	RPG05-1177	Aerator Replacement Group
	RPG10-0042	Shroud Sub-Assembly
	RPG21-0082-PC-P	In-Line Strainer
	G63-0094	Hose Manifold Group
3C	RPG68-0090-SSBV	SE-625 Eye/Face Sub-Assembly
	SE-910-SSBV	1/2" Stainless Steel Ball Valve with Push Handle
	RPG05-0715	SE-625 Non-Aerated Bull Horn Assembly
	RPG38-0390	SE-625 Non-Aerated Spray Head Assembly
	RPG07-0104	Flip Top Dust Covers
3D	RPG68-0090-SS	SE-625-SS Eye/Face Sub-Assembly
	SE-910-SSBV	1/2" Stainless Steel Ball Valve with Push Handle
	RPG05-107699	SE-625-SS Non-Aerated S/S Bull Horn Assembly
	RPG38-107698	SE-625-SS Non-Aerated Spray Head Assembly
	RPG05-1104	Dust Cap Replacement for S/S Spray Heads
3E	RPG68-0092-SSBV	SE-626 Eyewash Sub-Assembly
	SE-910-SSBV	1/2" Stainless Steel Ball Valve with Push Handle
	RPG05-0714	SE-626 Aerated Bull Horn Assembly
	RPG38-0379	SE-626 Aerated Spray Head Assembly
	RPG05-1177	Aerator Replacement Group
	RPG07-0104	Flip Top Dust Covers
3F	RPG68-0092-SS	SE-626-SS Eyewash Sub-Assembly
	SE-910-SSBV	1/2" Stainless Steel Ball Valve with Push Handle
	RPG05-109243	SE-626-SS Aerated S/S Bull Horn Assembly
	RPG38-109184	SE-626-SS Aerated S/S Spray Head Assembly
	RPG05-1177	Aerator Replacement Group
	RPG05-1104	Dust Cap Replacement for S/S Spray Heads
5	RPG63-0076	Stainless Steel Flex Hose

Note: All units meet existing ANSI Z358.1 Standards and OSHA Rules. Product improvements may cause specification and dimensional changes without notice.

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FLOW DATA

SHOWER:

FLOW PRESSURE PSI (BAR)	30 (2.07)	60 (4.14)
FLOW RATE GPM (LPM)	20 (75)	25 (94)

SE-505 EYEWASH:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	3 (11)

SE-490 EYE/FACE WASH:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	4.5 (17.0)

SE-400 EYE/FACE WASH:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	9.55 (36.6)

SE-582 EYEWASH:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	3.2 (12.1)

NOTE: This unit should be connected to an uninterrupted source of potable water, with a minimum flowing pressure of 30 PSI and a maximum static pressure of 80 PSI.

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