

# SE590A - 45

## Installation, Maintenance and Operating Instructions

### DESCRIPTION

Portable pressurised EMERGENCY EYEWASH & DRENCH HOSE Unit. Unit is supplied by a 45 Litre Stainless Steel Tank activated by a push handle. The unit comes complete with pressure gauge, air filler, pressure relief valve and hose complete with twin non-aerated spray heads with flow off dust caps. (Hand Trolley available separately SE594)

Manufactured to comply with AS 4775 - 2007

### EYE WASH / DRENCH HOSE

Eye Wash: Twin Non-Aerated Spray Heads  
Valve: 15mm Stainless Steel  
Activator: 304 Stainless Steel Push Handle  
Tank: 304 Stainless Steel, 45 Litre

### FLOW DATA

**Eye Wash**  
Flow Rate: 3 LPM  
**Drench Hose**  
Flow Rate: 3 LPM

### INSTALLATION

After unpacking carton, ensure all components are present. Attach supplied bracket to the tank and place the eyewash assembly into the holder on top of the bracket. Fill unit with 35 Litres of POTABLE WATER. Pressurised tank to 100 PSI (690kPa). Check for leaks.

### RECHARGING

Ensure the tank is fully depressurised before unscrewing the fill cap. Rinse inside of the tank with clean water. Refill with clean, potable water. Inspect fill cap O-Ring for wear / damage and replace if necessary. Replace fill cap and tighten.

To recharge air, use a regulated pressuring source. The regulator gauge should be used to determine when the correct charging pressure has been reached. Pressurize with clean air to 100 PSI (690kPa).

**Note:** This unit is suggested to have the water preserver (SE4210B4) added to the water to preserve the water for up to 120 days.

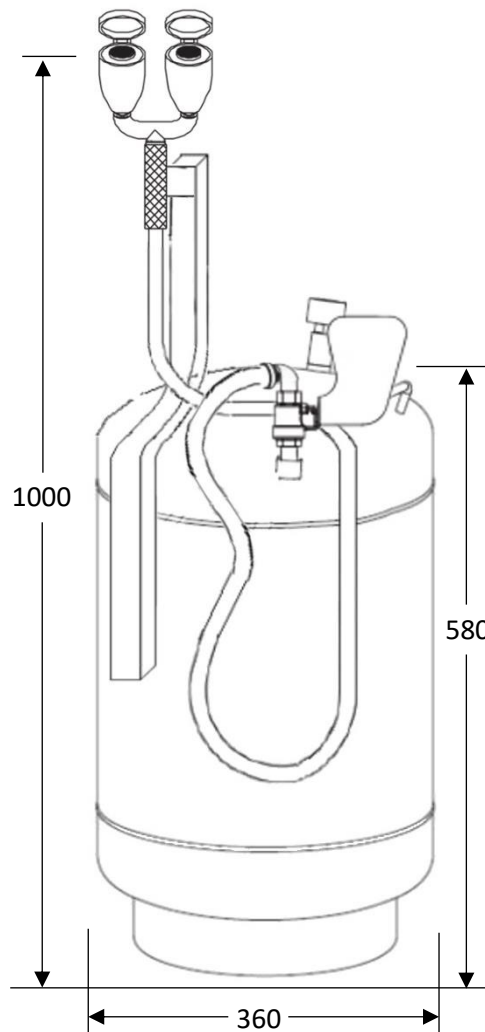
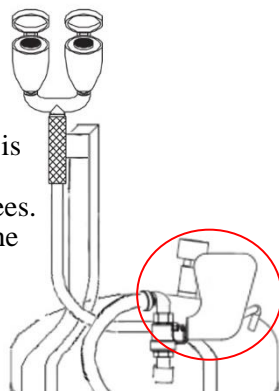
### MAINTENANCE & CLEANING

Inspect pressure gauge daily to ensure fully charged to 700 KPa working pressure.

Cleaning: depressurise the unit and empty - add ¼ cup of household bleach to ½ a tank of water and replace cap, pressurise the unit and run water through the eye wash. Depressurise the unit, remove the fill cap and empty all the water from the unit. Rinsing the unit - fill 1/2 way with water, replace the cap, pressurise the unit and run water through the eye wash assembly repeat this 2 to 3 times.

### OPERATION

The eye wash / drench hose is activated by pushing the paddle handle back 90 degrees. The unit will operate until the paddle handle is manually pulled to the off position.



**SE590A - 45**  
**Portable Pressurised Non-Aerated**  
**Eyewash & Drench Hose**

**WARNING:** Use only genuine Speakman parts when replacing or repairing components.

To order free call 1800 444 022 or free fax 1800 444 024

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## MAINTENANCE

Should you need to repair this unit, please see the parts list for correct part numbers. Before any maintenance is done **be sure the unit is depressurised.**

## MAINTENANCE SCHEDULE

Activate eyewash unit and allow water

### Weekly

to flow for 30 seconds to flush line.

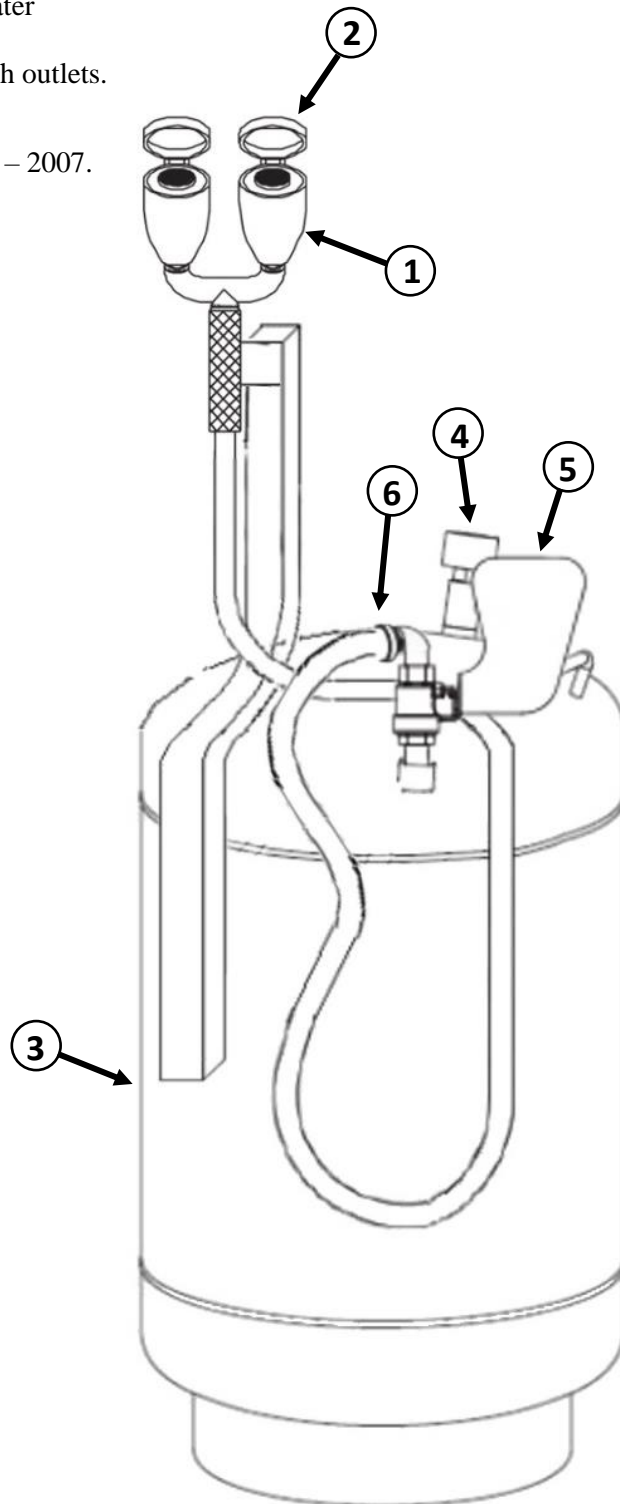
Ensure water flows evenly from both outlets.

Ensure water is clean.

### Yearly

Ensure unit complies with AS 4775 – 2007.

- ① **Part No: G38-0416LF**  
Spray Head Low Flow



## SPARE PARTS LIST

No:	Description:	Part No:
1.	Spray Head Low Flow	G38-0416LF
2.	Dust Cover Hinged Yellow	07-0104
3.	45 Litre Pressurised Tank	SR 66016
4.	SE590A Pressure Gauge	SR 66019
5.	15mm Ball Valve & Push Handle	SE 910V
6.	Fill Cap for SE590A Tanks	SR 66045

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