



SE590A - 45

Installation, Maintenance and Operating Instructions

Manufactured by PBA Safety in Australia to comply with AS 4775 - 2007.

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)

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

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 approximately 35Lts of 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.

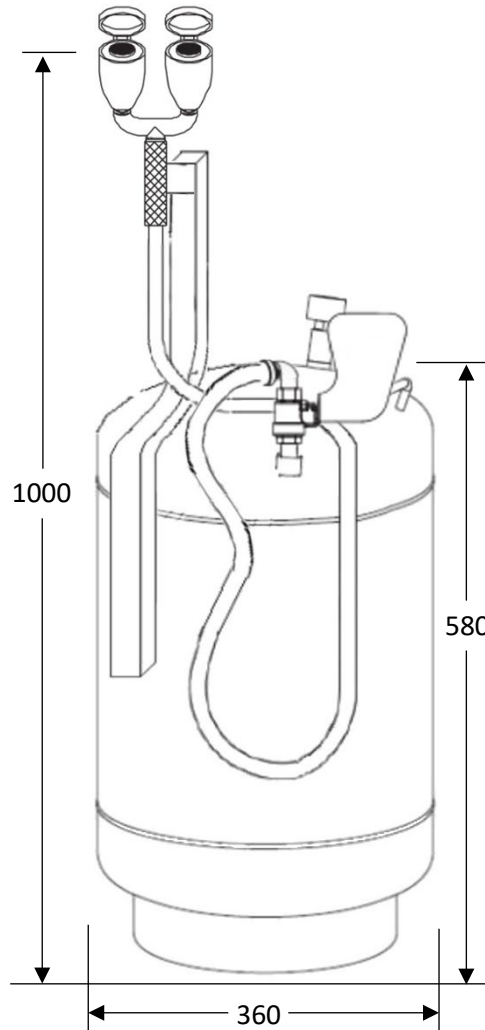
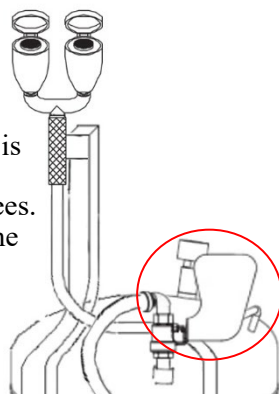
MAINTENANCE & CLEANING

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.



Trolley Sold Separately

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

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

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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 to flow for 30 seconds to flush line.

Weekly

Ensure water flows evenly from both outlets.
Ensure water is clean.

Yearly

Ensure unit complies with AS 4775 – 2007.

Tank Weight Empty: 15Kg

Tank Weight Full: 50kg

Trolley Weight: 20Kg (Capacity 200Kg)

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



FLOW DATA

Eye Wash

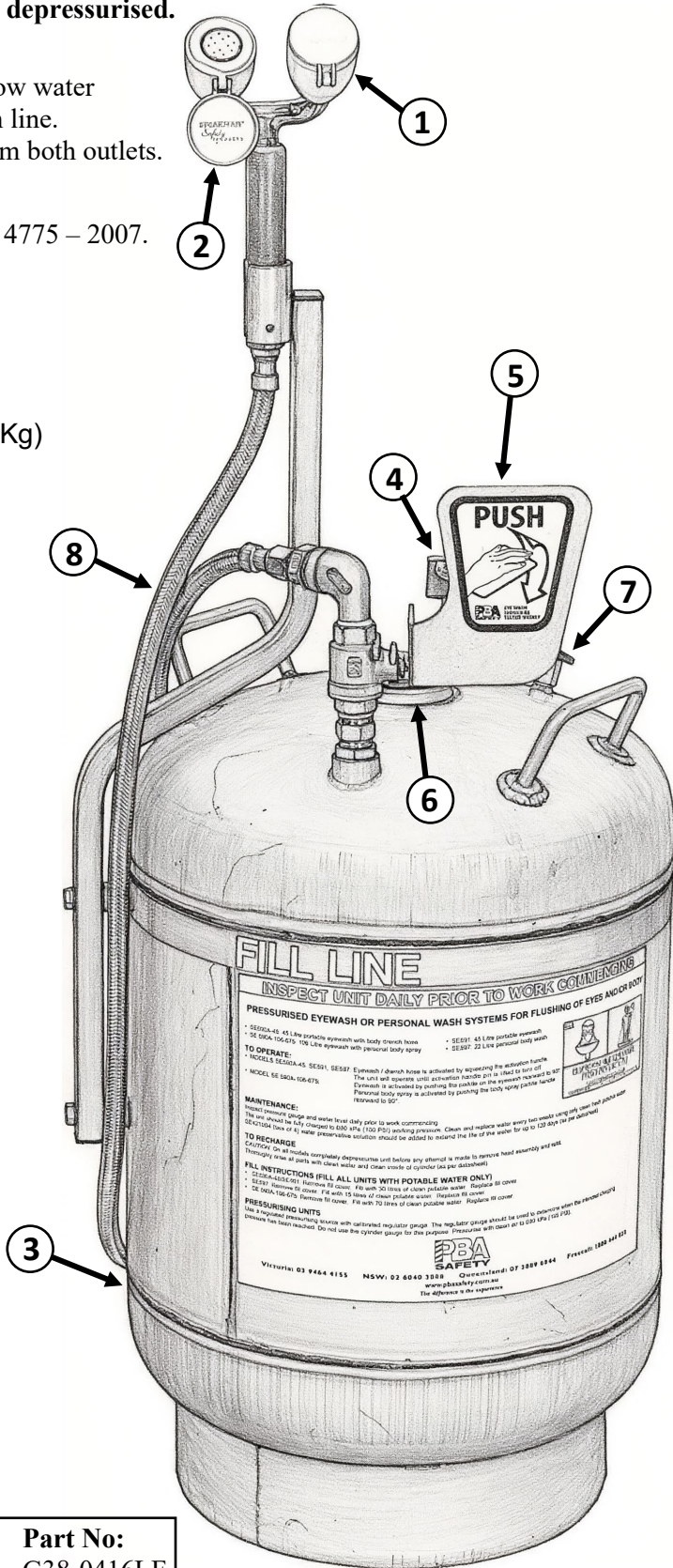
Flow Rate: 2 LPM

Drench Hose

Flow Rate: 2 LPM

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
7.	Pressure Relief Valve	SR 66020
8.	Braided Hose 1500mm Long	SR01005



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