BENCH MOUNTED HAND-HELD SINGLE AERATED EYE WASH/ BODY SPRAY / DRENCH HOSE

Installation, Operating & Maintenance Instructions

EL540

NOTE: THIS DOCUMENT IS TO BE LEFT ONSITE WITH FACILITY MANAGER AFTER INSTALLATION
technical data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlet Connection</td>
<td>$\frac{3}{4}$&quot; BSP (DN15mm)</td>
</tr>
<tr>
<td>Minimum Water Supply Line Size</td>
<td>DN15mm</td>
</tr>
<tr>
<td>Minimum Working Pressure</td>
<td>40 kPa</td>
</tr>
<tr>
<td>Recommended Maximum Working Pressure</td>
<td>500 kPa</td>
</tr>
<tr>
<td>Minimum Flow Rate</td>
<td>6 Lpm</td>
</tr>
<tr>
<td>Suggested Flushing Water</td>
<td>Tepid</td>
</tr>
<tr>
<td>Temperature</td>
<td>16°C min – 38°C max</td>
</tr>
<tr>
<td>Activation</td>
<td>Squeeze trigger handle</td>
</tr>
<tr>
<td>Benchtop Cut Out Size</td>
<td>$\Phi$ 26mm Diameter</td>
</tr>
<tr>
<td>Maximum Benchtop Thickness</td>
<td>30mm</td>
</tr>
</tbody>
</table>

For use with potable water only

installation compliance

Before proceeding with installation ensure all operating & dimensional specifications are suitable for the intended installation.

This product is a supplemental equipment to provide immediate flushing to support plumbed and self-contained emergency eyewash and shower equipment but does not replace them.

Enware products are to be installed in accordance with the Plumbing Code of Australia (PCA), AS/NZS3500 and instructions provided. Installations not complying with above may void the product and performance warranty provisions.

Supply Lines
Ensure all supply lines are flushed thoroughly to remove debris prior to the installation of this product. Strainers (40 mesh) are recommended if debris is an ongoing problem.

Supply Pressure
A Pressure reduction valve may be required to comply with recommended maximum supply pressure.

Flushing Fluid Temperature
Flushing Fluid Temperature: Tepid.
Suggested temp range 16°C min – 38°C max
Refer to AS4775-2007 and ANSI Z358.1-2009 for installation guidelines of Supplemental Equipment – Drench Hose

NOTE: Enware Australia advises:
1. Due to ongoing Research and Development, specifications may change without notice.
2. Component specifications may change on some export models.
1. Mark and drill a 26mm diameter hole on bench. See Image 2.

2. Fit the bench mount (see #4 in Image 1 above) from top of hole and fix in place with the fixing nut from underneath.

3. Use a 1/2” BSP wall elbow for the water supply inlet, and position it so that the outlet of elbow is facing down.

4. Before connecting the hose, flush the line to clear the line of any debris.

5. Connect inlet hex nipple onto female thread of water supply (1/2” BSP). Use a thread sealing tape or similar to achieve a water-tight seal on the thread connection.

6. Turn water supply on and test all joints and connections for leaks. Grab the trigger gun and squeeze the handle to test for correct operation and water flow.

7. If there is any problem refer to Troubleshooting on page 4.
operating instructions

Instructions for all emergency equipment should be readily accessible to maintenance and training personnel.

1. Squeezing the trigger activates the eye/body wash. SEE IMAGE 3
2. Simply grab the trigger gun up from the bench, squeeze the trigger to start water flow, and apply to body parts needing treatment.
3. To stop the water flow, simply release the trigger.
4. To keep the water flow to stay on, slide the holding ring over the trigger handle.

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trouble shooting

When servicing ensure that the water supply is turned OFF before disassembling the product.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
<th>RECTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trigger Spray does not turn off</td>
<td>Debris fouling ball seating washer or stainless steel ball</td>
<td>Dismantle and clean SBA</td>
</tr>
<tr>
<td></td>
<td>Seating washer damaged or spring broken</td>
<td>Replace components using spare part kit (Enware Part Code FS077NS) or replace SBA (Enware Part Code FS721S)</td>
</tr>
<tr>
<td></td>
<td>Piston jammed in open position</td>
<td>Remove dome and piston from SBA. Clean piston assembly and re-grease piston o-rings.</td>
</tr>
<tr>
<td>No flow from trigger spray outlet</td>
<td>Water supply turned off</td>
<td>Turn water on</td>
</tr>
<tr>
<td></td>
<td>Seating o/ring damaged</td>
<td>Dismantle and clean</td>
</tr>
<tr>
<td></td>
<td>Replace o/ring using spare part kit or replace SBA</td>
<td>Increase water supply pressure to meet specification</td>
</tr>
<tr>
<td></td>
<td>Debris fouling inlet or outlet ports of SBA</td>
<td>Remove SBA and remove</td>
</tr>
<tr>
<td>Water discharge from top of trigger spray dome</td>
<td>Piston o/rings worn</td>
<td>Replace o/rings and re-grease spindle with service kit or replace SBA</td>
</tr>
</tbody>
</table>
The eyewash needs to be activated weekly for a period long enough to verify operation and ensure the flushing fluid is available (AS4775-2007 & ANSI Z358.1-2009).

Note: the intent is to ensure that there is a flushing fluid supply at the head of the device, to clear the supply line of any sediment build up that could prevent fluid from being delivered to the head of the device, and to minimize microbial contamination due to sitting water. Hose condition and outlets should also be checked for damage or wear. All eyewash units shall be inspected annually to assure conformance with AS4775-2007 & ANSI Z358.1-2009.

The equipment should be inspected and tested annually to ensure correct operation. Aerator outlet should be dismantled with aerator key, checked for any debris, and cleaned or replaced. Hose condition and outlets should also be checked for damage or wear, and all connections and joints checked for leaks.

**TRIGGER SPRAY GUN MAINTENANCE**

It is recommended that the trigger spray action be periodically serviced. The maintenance interval will depend on the frequency of use of the product, water quality and the general environment. Occasionally the handle screws should be checked for tightness, and a visual inspection made of all other connections on the assembly including the trigger spray and hose, the wall bracket fixing to the wall and riser to ensure they are secure, and tighten if necessary.

**CLEANING TRIGGER SPRAY**

1. Using two (2) phillips head screw drivers, undo the locking screws from the handle and remove handle.
2. Using a 26mm spanner remove the cover dome and red fibre washer from the spring loaded action. Clean the inside of the cover dome. Use a dilute solution of CLR if necessary. Remove all scale, grease and any other residues.
3. Lightly grease the inside of the dome.
4. Pull out the piston from the SBA (stuffing box assembly) and clean any scale or residues from the spindle and button. Be careful not to damage the o rings.
5. Lightly grease the piston o rings and push the piston back into the SBA.
6. Depress piston to start water flow. Release piston and check for leaks and that the water flow stops. If there is no flow, or water does not stop, refer to the trouble shooting guide. IF the problem persists, service kits or replacement SBA may be required.
7. With the red fibre body washer located over the SBA, screw the cover dome back down onto the SBA.
8. Replace the handle and secure it with the hinge screws.
9. Re-test trigger spray for correct operation.

Enware Product should be cleaned with a soft damp cloth using only mild liquid detergent or soap and water. Do not use cleaning agents containing a corrosive acid, scouring agent or solvent chemicals. Do not use cream cleaners, as they are abrasive. Epoxy coated surfaces should only be cleaned with a cloth and clear water or mild detergent. Use of unsuitable cleaning agents may damage the surface. Any damage caused in this way will not be covered by warranty.

If re greasing spindles always use a silicon based potable water approved lubricant such as Hydroseal ‘O’ Ring Lubricant or Molykote 111 silicone based grease.
Enware Australia Pty Limited (ACN 003 988 314) ("we" or "us") warrants that this product (also referred to as "our goods") will be free from all defects in materials and workmanship for 24 months* from the date of purchase. Our liability under this warranty is limited at our option to the repair or replacement of the defective product or part, the cost of repair of the defective product or part or the supply of an equivalent product or part, in each case if we are satisfied the loss or damage was due to a defect in the materials or workmanship of the product or part. All products must be installed in accordance with the manufacturer’s instructions, the PCA, and AS/NZS3500 including any other applicable regulatory requirements.

making a claim

To make a claim under this warranty you must notify us in writing within 7 days of any alleged defect in the product coming to your attention and provide us with proof of your purchase of the product and completed the Online Product Service and Warranty Form available on website www.enware.com.au. All notifications and accompanying forms must be sent to us marked for the attention of the Enware Australia Pty Limited, 9 Endeavour Road, Caringbah NSW 2229. We can also be contacted by telephone (1300 369 273) or by email (info@enware.com.au).

Your costs in making a claim under this warranty, including all freight, collection and delivery costs, are to be borne and paid by you. We also reserve the right at our cost to inspect any alleged defect in the product wherever it is located or installed or on our premises.

*Conditional warranty: Jumper Valve Tapware - 2 Years: 1 year parts and labour on the complete assembly then a further 1 year parts only warranty is applicable

Ceramic Disc Cartridge Tapware - 10 Years: 10 Year ceramic disc cartridges – parts only; 1 Year parts and labour on complete assembly

Outlets - 1 Year parts and labour on the complete assembly

exceptions

This warranty does not apply in respect of any damage or loss due to or arising from:

a) Failure by you or any other person to follow any instructions for use (including instructions and directions relating to the handling, storage, installation, fitting, connection, adjustment or repair of the product) published or provided by us;

b) Failure by you or any other person responsible for the fitting, installation or other work on the product to follow or conform to applicable laws, standards and codes (including the AS/NZ 3500 set of Standards, all applicable State and Territory Plumbing Codes, the Plumbing Code of Australia and directions and requirements of local and other statutory authorities); or

c) Any act or circumstance beyond our control including faulty installation or connection, accident, abnormal use, acts of God, damage to buildings, other structures or infrastructure and loss or damage during product transit or transportation.

other conditions

Except as provided or referred to in this document, we accept no other or further liability for any damages or loss (including indirect, consequential or economic loss) and whether arising in contract, tort or otherwise. Any benefits available to you under this warranty are in addition to any non-excludable rights or remedies you may have under applicable legislation, including as a "consumer" under the Australian Consumer Law. To that extent you need to be aware that: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.