

WALL MOUNTED HAND HELD DRENCH HOSE – SINGLE OUTLET

Installation, Operating and Maintenance Instructions

EL450

Wall Mounted Hand Held
Drench Hose



I00303_Mar19

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

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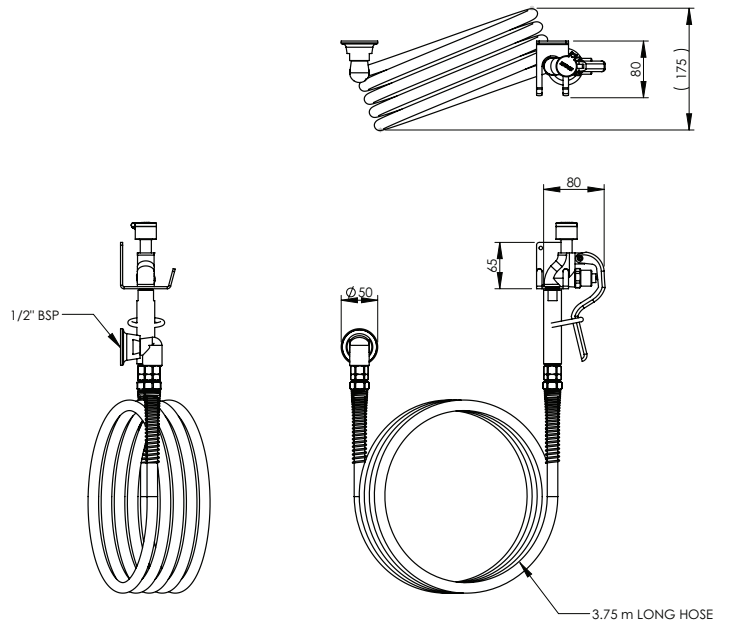
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technical data

Inlet Connection	½" BSP Female
Minimum Water Supply Line Size	DN15
Minimum Working Pressure	40 kPa
Recommended Maximum Working Pressure	500 kPa
Minimum Flow Rate	6 Lpm
Suggested Flushing Water Temperature	Tepid 16°C min - 38°C max
Activation	Squeeze trigger handle

For use with potable water only



installation compliance

Before proceeding with installation ensure all operating and 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 eye wash and shower equipment but does not replace them.

Refer to AS4775 and ANSI Z358.1 for installation guidelines of Supplemental Equipment – Drench Hose.

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 15.6 °C – 37.8 °C

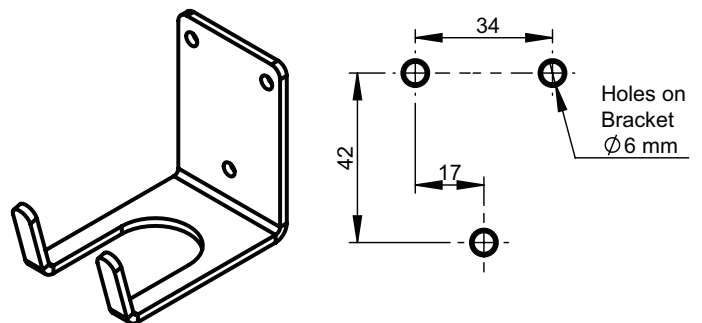
Refer to AS4775 for installation guidelines of Supplemental Equipment – Drench Hose

NOTE: Enware Australia advises:

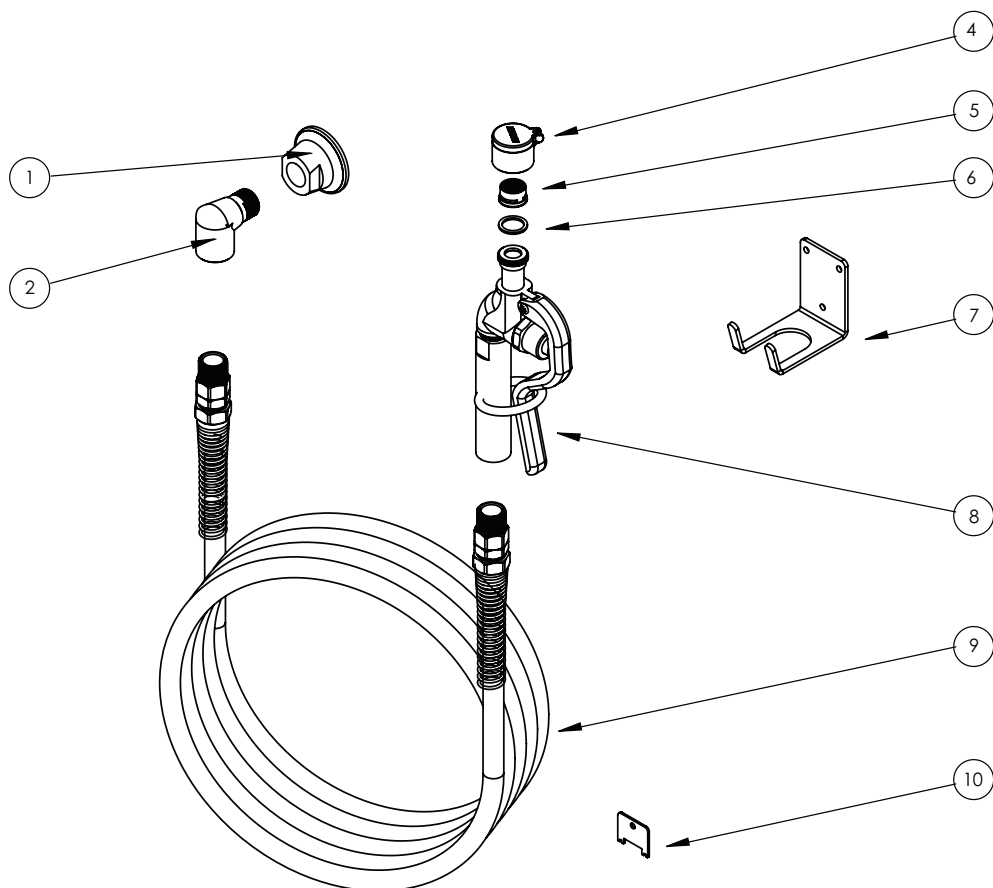
1. Due to ongoing Research and Development, specifications may change without notice.
2. Component specifications may change on some export models.

installation

1. Set out and Rough-in:
Provide a 1/2" BSP male fitting for water inlet, allowing approximately 12mm of thread proud from finished wall.
2. Prior to installation, flush the line thoroughly to remove debris. Once the line is clear of debris, proceed to next step. A pressure reduction valve may be required to comply with recommended water supply pressure.
3. Apply thread tape onto the 1/2" BSP male thread on wall. Screw wall mount on and tighten firmly.
4. Apply thread sealing tape onto male thread of chrome elbow and screw to wall mount firmly. A 1/2" BSP male fitting can be screwed on loosely to the other side of the elbow to gain leverage and tighten with a spanner. Ensure the elbow is facing straight down.
5. Apply thread sealing tape onto thread of hose assembly, and screw onto the elbow with a spanner.
6. Locate the bracket, and once the hand held eye wash is in the desired position, mark holes for the bracket on wall. Drill the holes and secure bracket using appropriate wall fixings/ anchors.
7. 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. If there is any problem refer to Troubleshooting on page 6.
8. Hook the hand trigger gun onto bracket. Flip the outlet cap back on so no dust accumulates on the outlet. Installation is now complete.



components

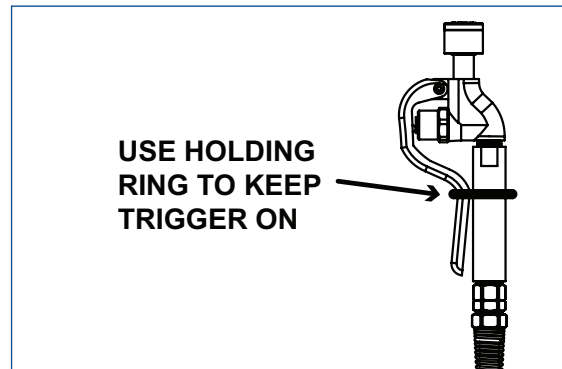
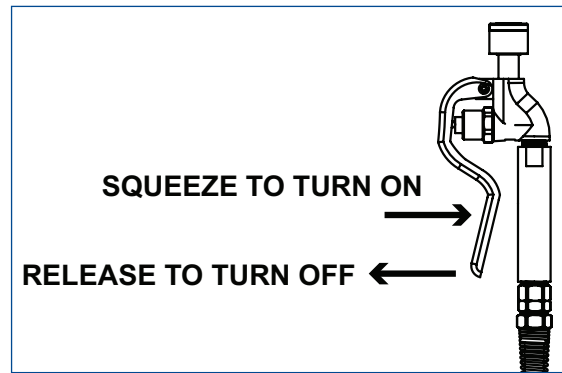


	DESCRIPTION	PRODUCT CODE
1	Wall Mount	
2	Elbow Swept 1/2" BSP MF C/P	
4	Outlet Shroud and Dust Cap	
5	Aerator 13 Lpm	
6	Rubber Washer	
5, 6	Aerator and Washer	ESPE015
4, 5, 6	Outlet	ESPE016
7	Wall Bracket	FS071
8	Trigger Gun	
9	Hose Assembly 1/2" Nylex Self Store	ESP011
10	Aerator Key	672282

operating instructions

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

1. Squeezing the trigger activates the drench hose.
2. Grab the trigger gun up from the bracket, 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 while squeezing the trigger.



troubleshooting

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

PROBLEM	CAUSE	RECTIFICATION
Trigger Spray does not turn off	Debris fouling ball seating washer or stainless steel ball	Dismantle and clean SBA
	Seating washer damaged or spring broken	Replace components using spare part kit (Enware Part Code FS077NS) or replace SBA (Enware Part Code FS721S)
	Piston jammed in open position	Remove dome and piston from SBA. Clean piston assembly and re-grease piston o-rings
No flow from trigger spray outlet	Water supply turned off	Turn water on
	Seating o-ring damaged	Replace o-ring using spare part kit or replace SBA
	Debris fouling inlet or outlet ports of SBA	Dismantle and clean SBA and outlet aerator. Replace if necessary
Water discharge from top of trigger spray dome	Piston o-rings worn	Replace o-rings and re-grease spindle with service kit or replace SBA

service and maintenance

The drench hose needs to be activated weekly for a period long enough to verify operation and ensure the flushing fluid is available (AS4775 and ANSI Z358.1).

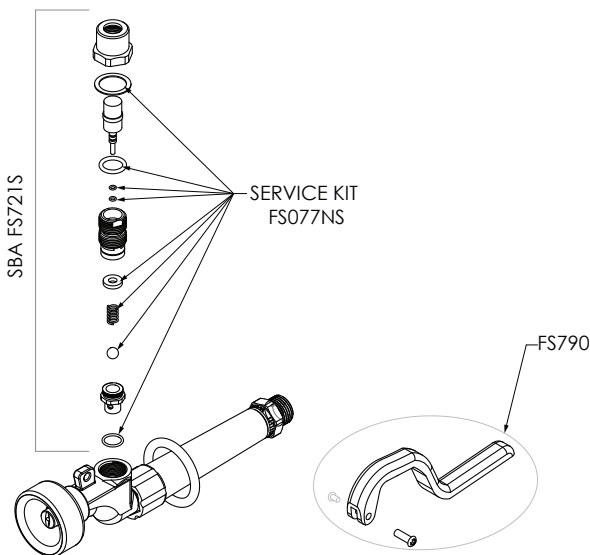
NOTE: the intent is to ensure that there is a flushing fluid supply at the head of the device, to clear the supply line of any sediment build up that could prevent fluid from being delivered to the head of the device, and to minimize microbial contamination due to sitting water. Hose condition and outlets should also be checked for damage or wear.

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, and the wall bracket fixing to the wall 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.

CLEANING

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. Powder 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: 1 Year parts and labour on complete assembly. After 1 year, a further 1 year parts only warranty is applicable.

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.



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