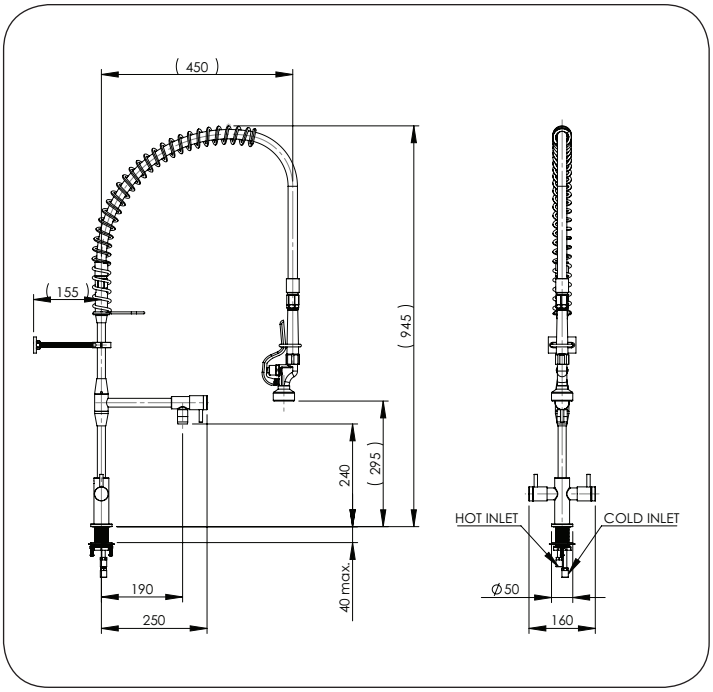
FSB141 FOOD SERVICE PRE-RINSE ASSEMBLY

Installation, Operating & Maintenance Instructions



TECHNICAL INFORMATION

Inlet connection (hot & cold)	1/2" BSP
Recommended pressure	100kPa (min) 500kPa (max)
Flow Rate (Pot Filler Aerator)	8 L/min
Flow Rate (Trigger Spray)	4 L/min
Operating temperature range ceramic disc	0-75°C

Enware products are to be installed in accordance with the Plumbing Code of Australia (PCA), AS/NZS3500 and the manufacturer's instructions. Installations not complying with PCA, AS/NZS 3500 or the manufacturer's instructions may void the product and performance warranty provisions. This product must be installed and commissioned by a qualified plumber. For use with potable water only.

CARE & MAINTENANCE

This product should be cleaned with a soft, damp cloth using only mild liquid detergent or soap and water. Do not use cleaning agents that contain a corrosive acid, scouring agent or solvent chemicals. Do not use cream cleaners as they are abrasive.

The use of unsuitable cleaning agents may damage the surface of the product. Any damage caused in this way will not be covered by warranty.

When re-greasing components, always use a silicon based potable water approved lubricant such as Hydroseal 'O' Ring Lubricant.

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Call 1300 369 273
www.enware.com.au

Enware Australia Pty Limited
9 Endeavour Rd Caringbah NSW 2229 Australia
Ph: +61 2 8556 4000 Fax: +61 2 8556 4055

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INSTALLATION INSTRUCTIONS

1. Before proceeding with Installation:
- Check that there is no shelf or obstruction above that may interfere with the tap.
- Check that wall bracket can be installed on a stable wall surface.
- Ensure all water supply lines are flushed thoroughly to remove debris.
- Isolation valves must be installed on both hot and cold supplies and be easily accessible.
- Unpack and layout all components to check that you have all parts – mixer body assembly, pot filler, riser, hose-spring guard assembly, trigger spray, bracket, and two flexible hoses.

2. Mark and drill a 33mm dia. hole in the bench. IMAGE 1

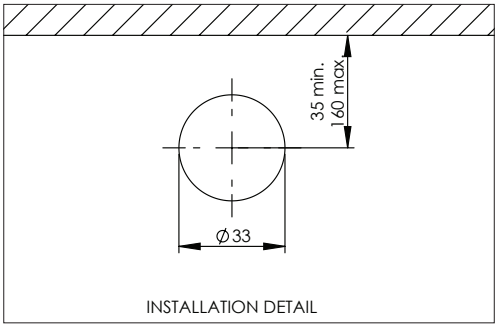


IMAGE 1

3. Connect hot water flexible hose (marked with red stripes) to the hot inlet on the mixer body. Take off the fixing nut, metal washer and red fibre washer from the mixer body. IMAGE 2

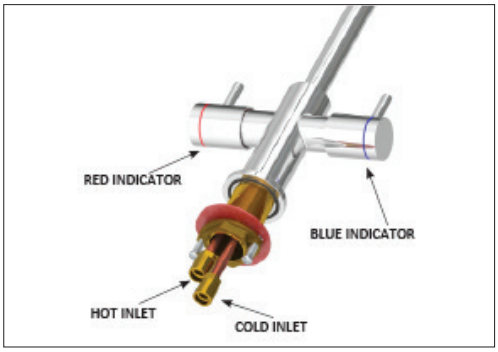


IMAGE 2

4. Install the mixer body onto the benchtop. Check that the sealing o-ring is presented at the base of the mixer body dress ring. From underneath the bench,
fit the red fibre washer, large metal washer, then the brass locking nut. Firmly tighten the nut until the body is locked in place. Then tighten the two Phillips head screws on either sides of brass nut to secure the nut in place. **IMAGE 3**

5. Now fit cold water flexible hose (marked with blue stripes) onto the cold inlet on the mixer body from underneath the bench.

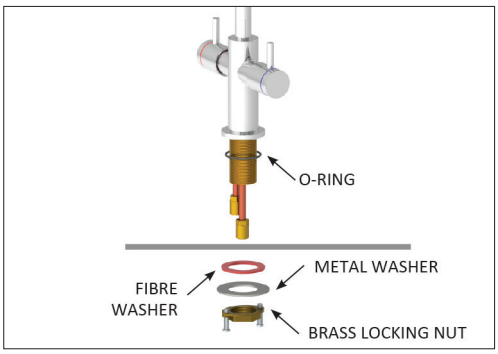


IMAGE 3

6. The O-Rings on the lower riser spigot are pre-greased. Re-grease if required.

7. Place the two white plastic washers as indicated, and assemble the pot filler onto the riser. IMAGE 4

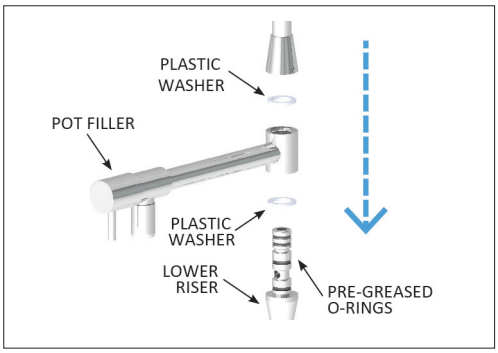


IMAGE 4

8. Take out the two grub screws in the top riser, and then assemble the top riser onto the unit. Fit the grub screws back on to lock the riser in place. Check to make sure the pot filler can rotate, if it is too tight, loosen up the grub screws slightly. IMAGE 5

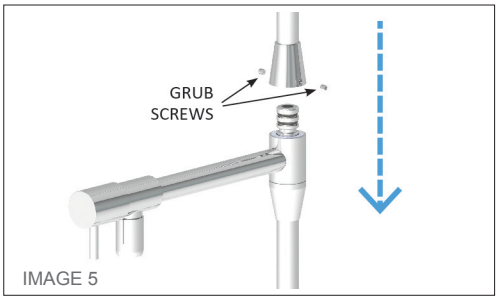
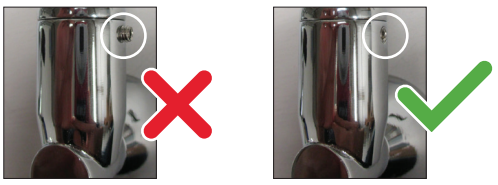


IMAGE 5



9. To install the wall bracket, firstly place the bracket as high up on the riser as possible. Hold the riser so it is sitting straight up, measure the distance to the wall, and trim the threaded rod to suit. Make sure there are enough threads going into the wall plate and the bracket. IMAGE 6

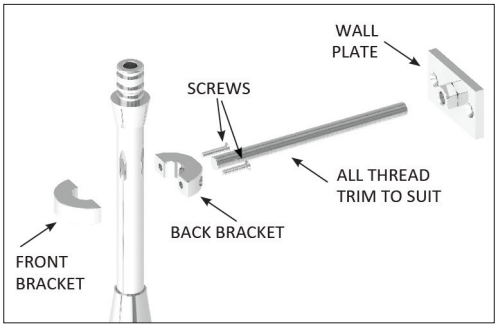


IMAGE 6

10. Fix the wall plate onto wall. (If the riser is in the way when drilling holes in the wall, take the riser off and cover the lower riser with a cap.)
Ensure the wall plate is fixed onto a firm wall backing. Assemble the bracket and ensure the riser is sitting straight up.

11. Fit the hook onto spring retainer, then screw the hose onto the spring retainer. Use a thread sealing tape to seal the thread. Tighten using two spanners. IMAGE 7

12. The o-rings on the top riser spigot have been pre-greased. Re-grease if required.

13. Take out the two grub screws in the spring retainer, then assemble the spring retainer onto top riser spigot. Fit the grub screws back on and tighten. Pull the spring guard down so it pushes the hook onto the lip of the spring retainer. Position the hook so it is facing forward. IMAGE 7

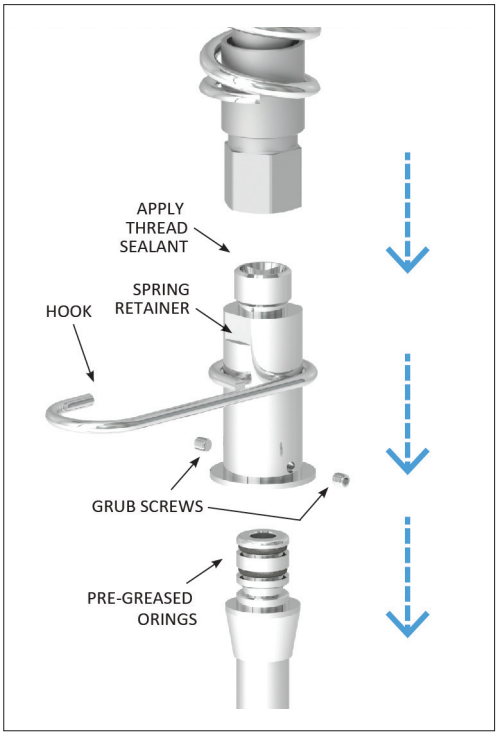


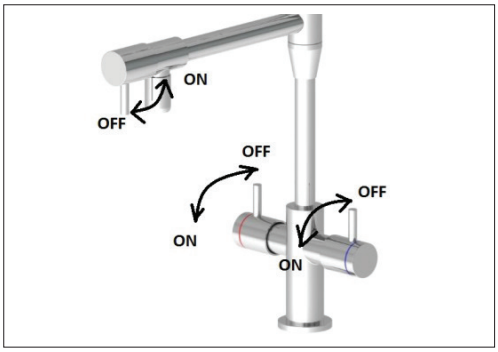
IMAGE 7

14. Screw the trigger spray gun onto the hose and tighten firmly using two spanners. Use a thread sealing tape to seal the thread connections.

15. Connect the two flexible hoses under bench to each of the isolation valves for water supply.

16. Ensure that the entire mixer unit is turned off, including the spray gun (holding ring needs to be slid off the trigger handle). Turn on the water supplies. Test operation and check for leaks at all connection points.

OPERATION

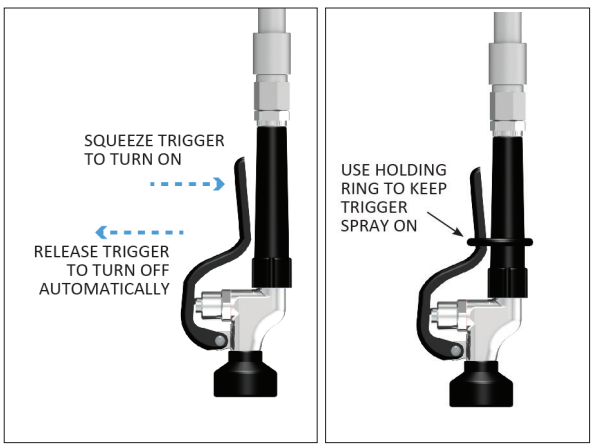


- Rotate the mixer handle to turn the water on to the trigger spray or pot filler
- To turn on the water to trigger spray, squeeze the trigger
- To turn off, release the trigger
- To keep the trigger spray turned on, slide the holding ring onto the trigger handle
- Use the hook to stow the trigger spray gun

WARNING: Levers require minimum force to be turned on and off. Excessive force and heavy use may result in valve becoming loose from the body, or the ceramic disc valve being damaged. Both will result in uncontrolled water flow. When operating unit with hot water, be careful to avoid scalding as hot water may scald.

Exposed metal components including the riser, mixer body and hose connections may become hot when in use, which may cause burn injuries.

When the unit is not in use, ensure mixer hot and cold taps are turned off. Leaving the taps on will maintain pressure to the hose and the trigger spray, and in an unlikely event the hose or trigger spray were to malfunction, it may cause flooding and water damage to the premises.

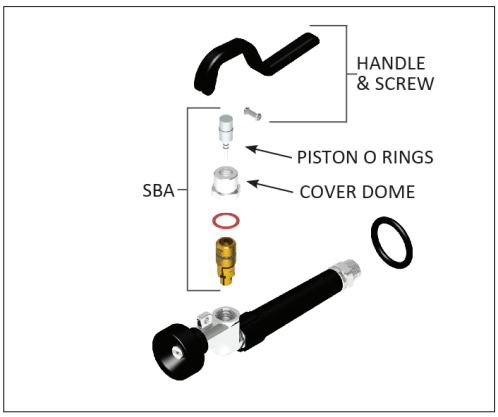


SERVICE & MAINTENANCE

It is recommended that the trigger spray gun be serviced periodically. The service interval will depend on the usage of the product, water quality and general environment. All connection points and joints including o-ring connections of risers, grub screws, threaded connections of the hose, tap handles, base locking ring and wall brackets, should be visually inspected periodically, and re-tightened if necessary.

SERVICING THE TRIGGER SPRAY GUN:

1. Unscrew the hinge of the trigger handle using two Phillips head screw drivers. Remove the trigger handle.
2. Unscrew cover dome. Clean the inside of cover dome, removing any scales, grease and food residues. Grease the inside of the cover dome slightly.
3. Remove the piston from the SBA (spindle assembly), wipe off any grease and clean the spindle and button, being careful not to damage the two O-rings.
4. Re-grease the piston o-rings and push the piston back into the SBA.
5. Press the piston to check for water flow. Test operation and check for water leaks. If water flow does not shut off or leaks from SBA, refer to Troubleshooting section following.
6. Assemble cover dome back over the SBA. Fit the handle and hinge screw back onto the spray gun.



ACCESSING THE SBA

1. Unscrew the handle cap by rotating anti-clockwise.
2. Remove screw using 2.5mm Allen key supplied.
3. Pull off handle to access SBA.

*Note: Replacing the SBA or any other repair to the tap should be carried out by a qualified plumber.

TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	RECTIFICATION
Trigger spray gun does not turn off	Debris fouling valve mechanism	Dismantle and clean SBA of the trigger spray gun
	SBA mechanism is damaged	Replace SBA
	Piston jammed in open position	Clean cover dome and piston – refer to Servicing the trigger spray gun
No water flow from the trigger spray gun	Debris fouling non-return valve	Remove non-return valve located in the lower riser, clean or replace if required
	Debris fouling spray gun SBA	Remove SBA and clean out blockage
	Water supply is turned off	Turn on water supply
Connections or joints are loose, Water leaks from joints	Screwed joints or grub screws have loosened	Tighten joints and grub screws, apply thread sealant or sealing tape where applicable or if problem persists
	Riser spigot O-rings are damaged or worn	Replace O-rings, re-grease before assembling
	SBA has come loose	Take off handle and tighten SBA
Water discharge from the top of the spray gun dome cover	Piston O-rings are worn	Remove cover dome and replace O-rings on the piston. Re-grease then reassemble. Alternatively replace SBA
Taps do not turn off	Mixer SBAs have loosened from body	Remove tap handles and SBA, replace fibre washer and re-tighten SBA back in to mixer body
	Ceramic disc in SBA is damaged	Replace SBA

FOR ALL WARRANTY AND SERVICE ENQUIRIES, REFER TO WWW.ENWARE.COM.AU/WARRANTY.